

Under this heading will appear the text of proposed rules and changes. The notice of proposed rulemaking is required to contain an explanation of any new rule or any change in an existing rule and the reasons therefor. This is set out in the Purpose section with each rule. Also required is a citation to the legal authority to make rules. This appears following the text of the rule, after the word "Authority."

Entirely new rules are printed without any special symbolology under the heading of proposed rule. If an existing rule is to be amended or rescinded, it will have a heading of proposed amendment or proposed rescission. Rules which are proposed to be amended will have new matter printed in boldface type and matter to be deleted placed in brackets.

An important function of the *Missouri Register* is to solicit and encourage public participation in the rulemaking process. The law provides that for every proposed rule, amendment, or rescission there must be a notice that anyone may comment on the proposed action. This comment may take different forms.

If an agency is required by statute to hold a public hearing before making any new rules, then a Notice of Public Hearing will appear following the text of the rule. Hearing dates must be at least thirty (30) days after publication of the notice in the *Missouri Register*. If no hearing is planned or required, the agency must give a Notice to Submit Comments. This allows anyone to file statements in support of or in opposition to the proposed action with the agency within a specified time, no less than thirty (30) days after publication of the notice in the *Missouri Register*.

An agency may hold a public hearing on a rule even though not required by law to hold one. If an agency allows comments to be received following the hearing date, the close of comments date will be used as the beginning day in the ninety- (90-) day-count necessary for the filing of the order of rulemaking.

If an agency decides to hold a public hearing after planning not to, it must withdraw the earlier notice and file a new notice of proposed rulemaking and schedule a hearing for a date not less than thirty (30) days from the date of publication of the new notice.

lic education rests with the board. The board consists of eight (8) persons who are appointed by the governor for eight- (8-)/-/ year terms.

(B) The chief administrative officer of the board is the commissioner of education (**commissioner**), who is appointed and serves at the pleasure of the board.

(C) **The department is made up of two (2) divisions: The Division of Financial and Administrative Services and the Division of Learning Services. A deputy commissioner who reports directly to the commissioner oversees each division.**

(2) As a public agency, the department is open to requests, submissions, and inquiries from the public. Regular office hours are maintained from 8:00 a.m. to 4:30 p.m. Monday through Friday. The following general procedures are established to assist any person or group seeking information or making requests:

(A) **[Matters] Inquiries** concerning a program, policy, or procedure administered by the department should be addressed to 205 Jefferson Street, PO Box 480, Jefferson City, MO 65102-0480. Telephone inquiries may be directed to the central department number, (573) 751-4212;

(B) **Requests for records and data—**

1. **Requests pursuant to Chapter 610, RSMo, for existing department records may be made to the records custodian via email at recordscustodian@dese.mo.gov. Please see 5 CSR 10-3.010, Access to Public Records and Fees for Copying of Public Records, for more details;**

2. **Requests for personal records should be made by an employee, parent, eligible student, client, or person who has been authorized to receive records on their behalf, as follows:**

A. **Employee record requests should be made to the employee's human resources office;**

B. **State school record requests may be made to—**

(I) **The Missouri School for the Blind at 3815 Magnolia Avenue, St. Louis, MO 63110;**

(II) **The Missouri School for the Deaf at Missouri School for the Deaf, Attn: Superintendent's Office, 505 E. 5th Street, Fulton, MO 65251; or**

(III) **The Missouri School for the Severely Disabled at mssd@dese.mo.gov;**

C. **Parent requests for their student's Child Complaint documentation or Due Process complaints should be made to secompliance@dese.mo.gov;**

D. **Adult education and literacy and high school equivalency record requests should be made to ael@dese.mo.gov;**

E. **Record request for Disability Determination Services and Vocational Rehabilitation should be made to info@vr.dese.mo.gov; and**

F. **Record requests for Veterans' Education should be made to mosaa@dese.mo.gov;**

3. **Requests for data reports should be made to the Office of Data Management via web application at <https://apps.dese.mo.gov/DataRequestForm/DataRequest.aspx>;**

[(B)](C) Questions concerning local school districts in most cases should be directed to the district itself or to the area supervisor; and

[(C)](D) Meetings of the board are usually held monthly and are open to the public. The date, time, and place of these meetings are publicized as required by section 161.072, RSMo. Department meetings are held pursuant to Chapter 610, RSMo, unless otherwise specified by statute.

AUTHORITY: sections 161.092 and 536.023(3), RSMo [Supp. 2013] 2016. Original rule filed May 28, 1976, effective Oct. 1, 1976. Amended: Filed July 11, 1977, effective Oct. 15, 1977. Amended: Filed Aug. 27, 2013, effective March 30, 2014. Amended: Filed June 16, 2021.

Proposed Amendment Text Reminder:

Boldface text indicates new matter.

[Bracketed text indicates matter being deleted.]

**Title 5—DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION
Division 10—Commissioner of Education
Chapter 1—Organization of the Department**

PROPOSED AMENDMENT

5 CSR 10-1.010 General Department Organization. The board is amending sections (1) and (2).

PURPOSE: This amendment further describes methods and procedures by which the public may obtain information.

(1) The Department of Elementary and Secondary Education (department) is organized under the State Board of Education (board) and serves in an administrative, supervisory, and leadership role as provided by the constitution, statute, and board policy.

(A) Responsibility for policymaking and general oversight of pub-

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Department of Elementary and Secondary Education, Attention: Governmental Affairs, PO Box 480, Jefferson City, MO 65102-0480 or by email to DESE.AdminRules@dese.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

**Title 5—DEPARTMENT OF ELEMENTARY AND
SECONDARY EDUCATION
Division 10—Commissioner of Education
Chapter 3—Public Records**

PROPOSED RULE

5 CSR 10-3.010 Access to Public Records and Fees for Copying of Public Records

PURPOSE: This rule supplements the requirements of Chapter 610, RSMo, and prescribes requirements for individuals and organizations to gain access to public records of the Missouri Department of Elementary and Secondary Education and the fees for copying of those public records.

(1) In this rule the following words shall mean:

(A) The “department” shall mean the Missouri Department of Elementary and Secondary Education including any office, division, section, center, unit, or part thereof; and

(B) The remainder of the terms used in this rule shall have the same meaning as that set forth in Chapter 610, RSMo.

(2) For requests for public records made under Chapter 610, RSMo, the Chief Communications Officer of the department shall be the custodian of records. All requests for access to, or copying of, public records made to the department under Chapter 610, RSMo, shall be directed to the Chief Communications Officer. Such requests may be made in person, by telephone, electronic mail, facsimile, internet, postal mail, or by any other convenient means to the department’s Custodian of Records at the following address: Chief Communications Officer, Department of Elementary and Secondary Education, PO Box 480, Jefferson City, MO 65102; or recordscustodian@dese.mo.gov.

(3) Copies of public records shall be provided by the department and shall be subject to the department’s collection of search, research, copy fees, and shipping charges as set forth in section 610.026, RSMo. Requesters may avoid shipping charges by accepting their records electronically or by picking up their requested documents at Governmental Affairs Office, Missouri Department of Elementary and Secondary Education, 205 Jefferson Street, 6th Floor, Jefferson City, MO 65101. Requesters shall request to pick up their requested records at the time of their initial request.

(4) Fees for duplicating other types of records and other formats including electronic data shall be based on the actual cost of search and duplication, or as otherwise provided by section 610.026, RSMo.

AUTHORITY: section 161.092, RSMo 2016, and sections 610.010–

610.030, RSMo Supp. 2020. Original rule filed June 16, 2021.

PUBLIC COST: This proposed rule will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rule will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rule with the Missouri Department of Elementary and Secondary Education, Attention: Governmental Affairs, PO Box 480, Jefferson City, MO 65102-0480 or by email to DESE.AdminRules@dese.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

**Title 5—DEPARTMENT OF ELEMENTARY AND
SECONDARY EDUCATION
Division 20—Division of Learning Services
Chapter 100—Office of Quality Schools**

PROPOSED AMENDMENT

5 CSR 20-100.220 Internet Filtering. The board is removing section (1) and adding new sections (1)–(3).

PURPOSE: This proposed amendment updates the rule to include complete references to applicable federal law and provides the standards by which public schools will be held to comply with state law.

[[1] This rule is designed to restrict minors from gaining access to inappropriate material on the Internet. Public school districts should review and comply with the standards set forth in the Federal Children’s Internet Protection Act (CIPA) and the Neighborhood Children’s Internet Protection Act (NCIPA) which are incorporated by reference and made a part of this rule.]

(1) Public school districts and public charter schools that offer public access computers, as defined in section 182.825, RSMo, must implement software and/or develop a policy that restricts minors’ ability to access pornographic material pursuant to section 182.827, RSMo.

(2) Public school districts and public charter schools that receive discounts for internet access and internal connections pursuant to 47 U.S.C. section 254(h) and (l) must certify that they are compliant with the Children’s Internet Protection Act (CIPA) (47 C.F.R. section 54.520), which requires the public school district or public charter school to have an Internet safety policy. Therefore, 47 U.S.C. section 254 and 47 C.F.R. section 54.520 are hereby incorporated by reference and made part of this rule, as published by the U.S. Government Publishing Office, 732 North Capitol Street, NW, Washington, DC 20401-0001, on June, 2021. A copy of these regulations can also be obtained from the Department of Elementary and Secondary Education, Office of Quality Schools, 205 Jefferson Street, PO Box 480, Jefferson City, MO 65102-0480, and its website at <https://dese.mo.gov/governmental-affairs/dese-administrative-rules/incorporated-reference-materials>. This rule does not incorporate any subsequent amendments or additions.

(3) Public school districts and public charter schools must annually certify to the Department of Elementary and Secondary Education through the Assurance Checklist if they have met

either section (1) or (2) of this provision, based on their circumstances.

AUTHORITY: sections 161.092, 182.825, and 182.827, RSMo [Supp. 2002] 2016. This rule previously filed as 5 CSR 50-380.020. Original rule filed Oct. 29, 2002, effective April 30, 2003. Moved to 5 CSR 20-100.220, effective Aug. 16, 2011. Amended: Filed June 17, 2021.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Department of Elementary and Secondary Education, ATTN: Jocelyn Strand, Coordinator, Office of Quality Schools, PO Box 480, Jefferson City, MO 65102-0480 or by email at MSIP@dese.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

**Title 9—DEPARTMENT OF MENTAL HEALTH
Division 10—Director, Department of Mental Health
Chapter 5—General Program Procedures**

PROPOSED AMENDMENT

9 CSR 10-5.210 Exceptions Committee Procedures. The department is amending sections (1)-(4), (6), and (8)-(10) of this rule.

PURPOSE: This amendment updates terminology, adds language to section (2) regarding employment of Certified Peer Specialists, revises the time period for repeating an exception request in section (6), and adds language to section (9) regarding rescission of decisions made by the exception's committee.

(1) Definitions. The following terms are defined as follows:

(A) Disqualifying incident, a crime which under 9 CSR 10-5.190 results in a person being disqualified from employment, or one (1) or more administrative findings of abuse, neglect, or misuse of [client] funds/property which, under 9 CSR 10-5.200 leads to a person being listed on the Department of Mental Health disqualification registry;

(B) Exception, a decision by the department not to enforce an administrative rule under the individual circumstances described in the request for an exception and the conditions described in the approval. [None of the following are subject matter of an exception] The following requests for exceptions will not be considered:

1. A contention that the rule is not valid;
2. A contention that the provider is in fact in compliance with the rule; and
3. A request for an interpretation of a rule.

(2) Rules Subject to an Exception. Only the following rules may be the subject of an exception:

(A) Licensure rules for **community residential [facilities] programs** and day programs promulgated under 9 CSR 40;

(B) Certification rules for [alcohol and drug abuse] **substance use disorder prevention and treatment** programs and [psychiatric] **mental health** programs promulgated under 9 CSR 10-7 and 9 CSR 30;

(C) Certification rules under 9 CSR 45 for programs serving per-

sons [who are] with intellectual or developmental[ly disabled] disabilities (IDD) under the Medicaid Home and Community-Based Services Waiver [P]programs;

(E) Rules related to disqualification from employment under 9 CSR 10-5.190 and 9 CSR 10-5.200. In the context of employment disqualification the following apply[.]:

1. A person may not request an exception until twelve (12) months have passed since the sentence of the court or since the department gave official notice of the person's name being added to the Department of Mental Health disqualification registry.

A. This subsection does not apply to individuals who have been certified by the Missouri Credentialing Board as a Peer Specialist and are supported for an exception by a substance use disorder treatment program, mental health program, or recovery support program that is operated, licensed, certified, accredited, in possession of deemed status, or funded by the Division of Behavioral Health. If an exception is granted to the individual under this provision, it shall be limited to the individual's employment at the supporting program. Should the individual end employment with the substance use disorder treatment program, mental health program, or recovery support program during the twelve (12) months since the sentence of the court, the individual must seek a new exception that is subject to the same limitations as set forth herein. Once twelve (12) months have passed since the sentence of the court, the limitations set forth herein are no longer required; and

2. The exceptions option under this administrative rule does not replace or substitute for the appeal procedures afforded under Department Operating Regulation (DOR) 2.205 and 9 CSR 10-5.200 or any other administrative process. A person is not required to exhaust the appeal procedures as a prerequisite to requesting an exception; however, an exception will not be considered while an appeal is pending.

(3) [Who may apply for an exception?] **Eligibility for an Exception. The following may apply for an exception:**

(A) A chief executive officer, or designee, on behalf of a **community residential [facility] program**, day program, or specialized service, or an employee thereof[.];

(B) An individual [may request an exception] on his or her [own] behalf, with respect to disqualification from employment under 9 CSR 10-5.190 and 9 CSR 10-5.200[.];

(C) A facility operated by the department on behalf of a **community residential [facility] program**, day program, or specialized service licensed, operated, **certified, accredited, in possession of deemed status**, or funded by the department[.]; and

(4) [How to request an e/Exceptions Process. Requests for an exception must include the information specified in this rule in order to be considered by the exceptions committee.

(B) In addition, the following additional items must be part of a request under 9 CSR 10-5.190, related to disqualification from employment[.]:

1. A letter from the disqualified person containing the following information:

- A. A description of the disqualifying incident;
- B. When the disqualifying incident occurred;
- C. If the disqualifying incident was a crime, the sentence of the court;

D. Mitigating circumstances, if any;

E. Activities and accomplishments since the disqualifying incident;

F. The names and dates of any relevant training or rehabilitative services;

G. The type of service and/or program the applicant wishes to provide for [mental health clients] individuals with an IDD or a behavioral health disorder;

H. Identification of the type of employment or position the

applicant wishes to maintain or obtain and the name of the [mental health] **IDD, substance use disorder, or mental health** program in which he or she wishes to work or continue working; and

I. Changes in personal life since the disqualifying incident (e.g., marriage, family, and education);

2. References, i.e., written recommendations from at least three (3) persons who verify the applicant's assertions; and

3. Work history, with particular emphasis on work in the [mental] **IDD and/or behavioral** health field.

(C) Request for exceptions should be sent to Exceptions Committee Coordinator, Office of [Quality Management] **General Counsel**, Department of Mental Health, PO Box 687, Jefferson City, MO 65102.

(6) **Decisions.** Decisions of the exceptions committee are not subject to appeal. [However p]Persons aggrieved by a decision may modify and repeat a request after [ninety (90) days] **six (6) months.** [Persons requesting an exception under 9 CSR 10-5.190 must wait twelve (12) months before repeating a request.]

(8) Expiration Date for an Exception.

(A) An exception becomes null and void without any further action by the department under any of the following circumstances[.];

1. An expiration date is announced in the letter of approval[.];

2. The subject for whom the exception was granted changes employment[.]; or

3. There are changes in other circumstances [described in the request] **specified in the exception approval letter that invalidates the justification for granting the exception.**

(9) Rescinding Decisions. The exceptions committee may rescind any exception if, in its judgment, any of the following occur:

(A) The provider failed to meet a condition of the exception[, or] to maintain documentation required under section (7) **of this rule;**

(B) It is discovered [that] the request contained misleading, incomplete, or false information; [or]

(C) The exception results in poor quality of care, or risk/harm to an [client or resident.] **individual being served; or**

(D) **The applicant received new criminal charges since the exception was granted.**

(10) **Notice of Rescission.** If the committee rescinds an exception, the committee shall provide all concerned parties with a notice of rescission with an effective date. There shall be no appeal of a rescission of an exception.

AUTHORITY: sections 630.050, 630.170, and 630.656, RSMo [2000 and 630.170, RSMo Supp. 2003] 2016. Original rule filed Feb. 23, 2001, effective Sept. 30, 2001. Amended: Filed Nov. 3, 2003, effective April 30, 2004. Amended: Filed April 13, 2004, effective Oct. 30, 2004. Amended: Filed June 30, 2021.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment by writing to Denise Thomas, General Counsel, Department of Mental Health, PO Box 687, Jefferson City, MO 65102. To be considered, comments must be delivered by regular mail, express or overnight mail, or by courier within thirty (30) days after publication of this notice in the Missouri Register. If to be hand-delivered, comments must be brought to the Department of Mental Health at 1706 E. Elm Street, Jefferson City, Missouri. No public hearing is scheduled.

**Title 9—DEPARTMENT OF MENTAL HEALTH
Division 40—Licensing Rules
Chapter 5—Rules for Group Homes and Residential
Centers**

PROPOSED RESCISSION

9 CSR 40-5.015 Physical Plant. This rule prescribed physical plant requirements in certain community residential facilities as required by section 630.710, RSMo.

PURPOSE: The department is rescinding this rule. Environmental requirements are included in 9 CSR 40-1.085 Environment.

AUTHORITY: sections 630.050 and 630.705, RSMo (1994). Original rule filed Oct. 13, 1983, effective Jan. 15, 1984. For intervening history, please consult the Code of State Regulations. Rescinded: Filed June 30, 2021.

PUBLIC COST: This proposed rescission will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rescission will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rescission by writing to Denise Thomas, General Counsel, Department of Mental Health, PO Box 687, Jefferson City, MO 65102. To be considered, comments must be delivered by regular mail, express or overnight mail, or by courier within thirty (30) days after publication of this notice in the Missouri Register. If to be hand-delivered, comments must be brought to the Department of Mental Health at 1706 E. Elm Street, Jefferson City, Missouri. No public hearing is scheduled.

**Title 9—DEPARTMENT OF MENTAL HEALTH
Division 40—Licensing Rules
Chapter 5—Rules for Group Homes and
Residential Centers**

PROPOSED RESCISSION

9 CSR 40-5.035 General Medical and Health Care. This rule prescribed general medical and health care requirements for certain community residential facilities as required by section 630.710, RSMo.

PURPOSE: The department is rescinding this rule. General medical and health care requirements are included in 9 CSR 40-1.075 Person-Centered Services.

AUTHORITY: sections 630.050 and 630.705, RSMo (1994). Emergency rule filed Sept. 20, 1983, effective Oct. 1, 1983, expired Jan. 15, 1984. Original rule filed Oct. 13, 1983, effective Jan. 15, 1984. For intervening history, please consult the Code of State Regulations. Rescinded: Filed June 30, 2021.

PUBLIC COST: This proposed rescission will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rescission will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rescission by writing to

Denise Thomas, General Counsel, Department of Mental Health, PO Box 687, Jefferson City, MO 65102. To be considered, comments must be delivered by regular mail, express or overnight mail, or by courier within thirty (30) days after publication of this notice in the *Missouri Register*. If to be hand-delivered, comments must be brought to the Department of Mental Health at 1706 E. Elm Street, Jefferson City, Missouri. No public hearing is scheduled.

Title 9—DEPARTMENT OF MENTAL HEALTH
Division 40—Licensing Rules
Chapter 5—Rules for Group Homes and Residential Centers

PROPOSED RESCISSION

9 CSR 40-5.055 Food Services. This rule prescribed food service requirements in certain community residential facilities as required by section 630.710, RSMo.

PURPOSE: The department is rescinding this rule. Dietary requirements are included 9 CSR 40-1.080 Dietary Services.

AUTHORITY: sections 630.050 and 630.705, RSMo (1994). Original rule filed Oct. 12, 1983, effective Jan. 15, 1984. For intervening history, please consult the *Code of State Regulations*. Rescinded: Filed June 30, 2021.

PUBLIC COST: This proposed rescission will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rescission will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rescission by writing to Denise Thomas, General Counsel, Department of Mental Health, PO Box 687, Jefferson City, MO 65102. To be considered, comments must be delivered by regular mail, express or overnight mail, or by courier within thirty (30) days after publication of this notice in the *Missouri Register*. If to be hand-delivered, comments must be brought to the Department of Mental Health at 1706 E. Elm Street, Jefferson City, Missouri. No public hearing is scheduled.

Title 9—DEPARTMENT OF MENTAL HEALTH
Division 40—Licensing Rules
Chapter 5—[Rules for] Group Homes and Residential Centers Serving Individuals with Intellectual and Developmental Disabilities

PROPOSED AMENDMENT

9 CSR 40-5.075 Adequate Staff. The department is amending the chapter title and purpose, deleting current sections (1)-(8) and (12)-(21), adding new sections (1), (2), and (6), and amending and renumbering sections (9)-(11).

PURPOSE: This amendment updates terminology and staffing requirements for group homes and residential centers licensed by the department.

PURPOSE: This rule prescribes the staffing requirements for [personnel employed in certain community residential facilities as required by section 630.710, RSMo] group homes and residential centers subject to licensure from the department.

(1) Each residential facility shall have a chief administrative officer referred to in these rules as the head of the facility. The head of the facility shall—

(A) Be empowered to make decisions regarding the operation of the facility; and

(B) Delegate a capable person who is empowered to act for him/her when absent from the facility.

(2) The head of the facility shall report any change in the ownership, management or administration to the department within five (5) days.

(3) The head of the facility shall provide business and personal references and shall cooperate with regional center staff in a study of his/her qualifications to manage a community residential facility.

(4) At the time of employment and annually after that, all personnel including physical therapists, occupational therapists and volunteers who have frequent (regularly scheduled at least once per week) and direct contact with residents and any member of the household shall have a statement from their physician stating they have been screened for signs and symptoms of contagious diseases. The physician's statement shall indicate the specific communicable diseases for which the person has been tested.

(5) Any employee diagnosed or suspected of having a contagious or infectious disease shall not work directly with residents or food service until a written statement is obtained from a physician that the disease is no longer contagious or is found to be noninfectious.

(6) The facility shall give each employee a written job description.

(7) The facility shall keep job descriptions for all positions on file.

(8) Each facility shall have as a minimum a daily direct care staff to resident ratio as follows, unless program needs or client needs justify otherwise:

(A) For facilities serving children under the age of six (6) years, residents who are severely and profoundly retarded, severely physically disabled or residents who are aggressive, assaultive or security risks, or who manifest severely hyperactive behavior—

1. One to four (1:4) on the first shift;
2. One to four (1:4) on the second shift; and
3. One to eight (1:8) on the third shift;

(B) For facilities serving residents who are moderately mentally retarded requiring habit training—

1. One to sixteen (1:16) on the first shift;
2. One to eight (1:8) on the second shift; and
3. One to sixteen (1:16) on the third shift;

(C) For facilities serving residents in vocational training programs and adults who work in sheltered employment situations—

1. One to thirty-two (1:32) on the first shift;
2. One to sixteen (1:16) on the second shift; and
3. One to thirty-two (1:32) on the third shift;

(D) For purposes of this section, shifts are defined as follows:

1. First shift—approximately 7:00 a.m. to 3:00 p.m.;
2. Second shift—approximately 3:00 p.m. to 11:00 p.m.; and
3. Third shift—approximately 11:00 p.m. to 7:00 a.m.;

(E) The staff/resident ratios are minimum staff requirements and an increase in residents above the maximum

allowed in the staff/resident ratio shall require additional staff;

(F) Staff required under this section shall be dressed and awake at night as required by residents' needs and the size of the facility;

(G) When residents are absent from the facility, staffing levels may be proportionately reduced;

(H) If all residents are absent from the facility, staff are required to be available to the residents for emergencies;

(I) Program needs or resident needs may justify alternate staffing levels based on the following considerations:

1. The physical layout of the facility;
2. If residents are awake and active at night;
3. If there are any residents who are blind or deaf;
4. Qualifications of the staff;
5. The number of individual goals and objectives for the residents;

6. Obvious indications that staff is unable to meet the needs of residents being served or is unable to meet minimum housekeeping; and maintenance rules, or both; and

7. The availability of backup staff; and

(J) A resident may be at home without the presence of staff, for a specific period of time, if it is documented in the individualized habilitation plan (IHP) or individualized treatment plan (ITP) that the resident has the necessary knowledge and skills to function safely.]

(1) Licensed group homes and residential centers shall comply with 9 CSR 40-1, unless specified otherwise in this rule.

(2) Staffing requirements shall be as follows, unless program needs or the needs of individuals served justify otherwise:

(A) Programs providing a group living arrangement and minimum level of habilitation and supervision for individuals with mild to moderate levels of adaptive functioning, are ambulatory or mobile non-ambulatory, have basic self-help skills but may need minimal assistance or prompting with daily skills, and have no severe medical or maladaptive behaviors—

1. Day and evening shifts—one (1) staff to eight (8) individuals served (1:8);

2. Night shift—one (1) staff to sixteen (16) individuals served (1:16);

(B) Programs providing a group living and habilitation environment for individuals with moderate to severe levels of adaptive functioning, are ambulatory or mobile non-ambulatory, need training in basic self-help skills, socialization, and daily living skills, and have no severe medical needs or severe maladaptive behaviors—

1. Day and evening shifts—one (1) staff to four (4) individuals served (1:4);

2. Night shift—one (1) staff to eight (8) individuals served (1:8);

(C) Programs providing a habilitation environment for individuals with various levels of adaptive functioning, are non-ambulatory and unable to provide for their own needs, or ambulatory/non-ambulatory with intensive medical/physical needs or severe maladaptive behaviors—

1. Day and evening shifts—one (1) staff to three (3) individuals served (1:3); and

2. Night shift—one (1) staff to six (6) individuals served (1:6);

(D) For purposes of this section of this rule, shifts are defined as follows:

1. Day shift—approximately 7:00 a.m. to 3:00 p.m.;

2. Evening shift—approximately 3:00 p.m. to 11:00 p.m.;

and

3. Night shift—approximately 11:00 p.m. to 7:00 a.m.;

(E) The ratios are minimum staff requirements. An increase in

the number of individuals being served above the maximum specified in this section of this rule shall require additional staff;

(F) Staff required under this section of this rule shall be dressed and awake at night, as required by the needs of individuals served and the size of the physical facility;

(G) When individuals served are absent from the program, staffing levels may be proportionately reduced. If all individuals are absent from the program, staff shall be available by telephone twenty-four (24) hours per day, seven (7) days per week to respond to emergencies that may occur with individuals served;

(H) Program needs or the needs of individuals served may justify alternate staffing ratios based on the following considerations:

1. The physical layout of the facility;
2. If individuals served are awake and active at night;
3. If there are individuals who are blind and/or deaf;
4. Qualifications of the staff;
5. Goals and objectives of individuals served;
6. Obvious indications that staff are unable to meet the needs of individuals being served or are unable to meet minimum environmental requirements; and
7. The availability of backup staff; and

(I) An individual may be at the program without the presence of staff for a specific period of time, if it is documented in the individual support plan (ISP) that the individual has the necessary knowledge and skills to function safely.

[(9)](3) All staff responsible for direct care of [residents] individuals served shall be eighteen (18) years of age or older.

[(10)](4) In addition to direct care staff, there shall be sufficient personnel to provide basic services [such as food service, housekeeping, laundry and plant] including, but not limited to, dietary and maintenance of the environment/facility. Volunteers shall not be considered in the computation of adequate staff.

[(11)](5) A [facility] program which accepts [residents] individuals in need of considerable nursing care shall employ a licensed registered nurse (RN). Considerable nursing care may include, but is not [be] limited to, injections, inhalation therapy, intravenous fluids, suctioning, ostomy irrigation, lesion dressing, aseptic dressing, catheter irrigation, care for pressure sores, and physiotherapy.

(A) The RN shall be designated the nurse in charge and shall—

1. Be responsible for twenty-four- (24-)/- hour nursing care of [residents] individuals, including the storage and administration of medications and [the] maintenance of medical records and nursing records;

2. Share responsibilities with the [head of the facility] program director and attending physician[’s responsibility] for drug control procedures, environmental health, safety, and dietary procedures;

3. Be on call when licensed practical nurses (LPNs) are on duty; and

4. [Have] Ensure an LPN is on duty when the licensed RN is not present at the [facility, except that LPNs are not required if staff on the night shift are trained in emergency medical procedures and medications administration] program. Unless the needs of individuals require nursing oversight, an LPN is not required if staff on the night shift are trained in emergency medical procedures and medication administration.

(B) The required RN may be hired on a consultant basis if—

1. The needs of the [residents] individuals do not require his/her presence at the [facility] program; and

2. [S/he] He or she assumes the responsibilities outlined under paragraphs [(11)](A)1. and 2.] (5)(A)1. and 2. of this rule.

[(12) All staff administering medications shall have successfully completed a course on medication administration. This

training shall be updated every two (2) years. The initial training and biennial update shall—

(A) Be approved by the regional center or placement office;

(B) Be offered by an instructor who is a LPN certified by the Division of Aging as an instructor, a RN, a pharmacist or a physician;

(C) Not apply to LPNs, RNs or certified medication technicians with lifetime certificates; and

(D) Be documented in the recipient's personnel file.

(13) The course to update training in medication administration shall address at least the following:

(A) Review of Basics.

1. Medication ordering and storage.

2. Medication administration.

A. Use of generic drugs.

B. How to pour, chart, administer and document.

C. Information and techniques specific to the following: inhalers, eye drops, topical medications, insulin injections and suppositories.

D. Infection control.

3. Individual rights and refusal of medications and treatment;

(B) Issues specific to the facility/program as indicated by the needs of the residents/clients, and the medications and treatments currently being administered.

1. Emergency response.

2. Medication allergies.

3. Corrective actions based on problems identified by the staff, the trainees or issues identified by regulatory and accrediting bodies, professional consultants or by any other authoritative source; and

(C) Updates on new medications or new procedures.

(14) Each facility shall make arrangements with a physician and dentist, licensed in the state where the care is provided, to assume overall responsibility for medical and dental care. There shall be provisions for a relief physician.

(15) If residents require teaching of dining skills or assistance in eating, the facility shall have adequate staff to meet these needs and to assure that each resident receives an adequate amount of food.

(16) The facility shall have sufficient backup staff to provide services to residents and to meet licensing staffing requirements at all times.

(17) On initial application, before a final license is granted, the head of the facility and staff designated by the department shall attend an initial training session designed by the department.

(18) The head of the facility and staff designated by the department shall attend continuing education provided by the department as required. This training may be obtained through the department or, with prior approval from other sources in the community. Records of attendance shall be kept in the facility's personnel files and by the department.

(19) Each facility shall provide a staff training program that includes orientation for all new employees to acquaint them with the philosophy, organization, program, practices and goals of the facility.

(20) All facility staff shall be knowledgeable about the facility's policies and procedures.

(21) Staff shall be trained in the use of cardiopulmonary resuscitation (CPR) and first-aid so that at least one (1) person with these skills is on duty at all times. Depending on the configuration of the building and the number of residents, more than one (1) trained staff person per shift may be required. The training and periodic reviews shall be in accordance with the guidelines of the American Red Cross, the American Heart Association, the National Safety Council, or other nationally recognized training organization.]

(6) Staff shall participate in training as required by the department. Records of attendance and documentation of successful completion of training shall be maintained as specified in 9 CSR 40-1.060(4)(E).

AUTHORITY: sections 630.050 and 630.705, RSMo [(1994)] 2016. Emergency rule filed Sept. 20, 1983, effective Oct. 1, 1983, expired Jan. 15, 1984. Original rule filed Oct. 13, 1983, effective Jan. 15, 1984. For intervening history, please consult the Code of State Regulations. Amended: Filed June 30, 2021.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment by writing to Denise Thomas, General Counsel, Department of Mental Health, PO Box 687, Jefferson City, MO 65102. To be considered, comments must be delivered by regular mail, express or overnight mail, or by courier within thirty (30) days after publication of this notice in the Missouri Register. If to be hand-delivered, comments must be brought to the Department of Mental Health at 1706 E. Elm Street, Jefferson City, Missouri. No public hearing is scheduled.

Title 19—DEPARTMENT OF HEALTH AND SENIOR SERVICES

Division 30—Division of Regulation and Licensure Chapter 20—Hospitals

PROPOSED AMENDMENT

19 CSR 30-20.100 Pharmacy Services and Medication Management. The department is adding a new section (2) and renumbering the remaining sections as necessary.

PURPOSE: This amendment adds a new section (2) which allows pharmacy technicians to perform additional duties relating to the authentication of medications selected by other pharmacy technicians and perform other duties remotely if performed under the visual and auditory supervision of a pharmacist.

(2) In addition to other authorized duties, a pharmacy technician may perform the following duties:

(A) Authenticate medication selected by another pharmacy technician when a pharmacist is present for purposes of distribution within the hospital for subsequent administration by hospital staff authorized to administer medication, provided the final product is verified by authorized hospital staff prior to administration. A pharmacy technician shall not be authorized to authenticate compounded medications or the repackaging activities of another pharmacy technician. In order to authenticate medication as described in this section, the pharmacy technician must—

1. Hold an active pharmacy technician certification issued by a certification entity accredited by the National Commission for Certifying Agencies;

2. Have an initial and annual documented assessment of competency; and

3. Have assisted in the practice of pharmacy as a registered or licensed pharmacy technician in the state of Missouri or another U.S. state or territory for a minimum of one (1) year; and

(B) Perform assigned duties under visual and auditory supervision of a pharmacist at a different site, including, technology assisted medication authentication. Documentation of electronic authentication shall be maintained at the dispensing site.

1. The pharmacy technician shall have a current certificate issued by a certification entity accredited by the National Commission for Certifying Agencies.

2. The pharmacy technician shall have completed training and documented competency in the assigned responsibilities being performed remotely as attested by the director of pharmacy.

3. The director of pharmacy is responsible for developing and implementing standards to ensure adequate supervision of electronically supervised technicians.

[(2)](3) An intern pharmacist licensed by the Board of Pharmacy may also perform any activity authorized for pharmacy technicians pursuant to this rule.

[(3)](4) Persons involved in compounding, repackaging, dispensing, administration, and controlled substance disposal shall be identified and the records shall be retrievable. Retention time for records of bulk compounding, repackaging, administration, and all controlled substance transactions shall be a minimum of two (2) years. Retention time for records of dispensing and extemporaneous compounding, including sterile medications, shall be a minimum of six (6) months.

[(4)](5) All variances, discrepancies, inconsistencies, or non-compliance involving controlled substances—including inventory, audits, security, record keeping, administration, and disposal—shall be reported to the director of pharmacy services for review and investigation.

[(5)](6) Patient medications may be received from an authorized provider. The medications shall—

(A) Be delivered directly to the pharmacy and not to a patient care area unless the pharmacist is not available;

(B) When a pharmacist is present, be identified, determined suitable for use and documented by the pharmacist. When a pharmacist is not present, be identified and documented by an authorized practitioner. Unused doses of medication shall be identified by the pharmacist when the pharmacist is present; and

(C) The pharmacy may compound, repackage, or re-label medications received from an outside provider, including prescriptions dispensed by a pharmacy, as necessary for proper distribution and administration. Records of compounding, repackaging, or relabeling of prescriptions dispensed by a pharmacy shall allow identification of the original prescription.

[(6)](7) Sample medications, if allowed, shall be received and distributed only by the pharmacy.

[(7)](8) Medications may be provided to patients for use outside the hospital, by persons other than the pharmacist.

(A) When the patient is a registered patient of the emergency department or is being discharged from the hospital—

1. Medications shall be provided according to the hospital's policies and procedures, including:

A. Circumstances when medications may be provided;

B. Practitioners authorized to order;

C. Specific medications;

D. Limited quantities;

E. Prepackaging and labeling by the pharmacist;

F. Final labeling to facilitate correct administration;

G. Delivery;

H. Counseling; and

I. A transaction record./.;

2. Medications shall be labeled with the date, patient's name, prescriber's name, name and address of the hospital, exact medication name and strength, instructions for use, and other pertinent information;

3. Medications may be provided only when prescription services from a pharmacy are not reasonably available. Reasonably available includes a pharmacist on duty in the hospital or a community pharmacy that is reasonably accessible to the patient;

4. The medication provided shall be limited to urgently needed treatment;

5. The quantity of medication provided shall be limited to the amount necessary until pharmacy services are available;

6. The provisions of paragraph (A)3. and paragraph (A)5. of this subsection shall not apply when the patient is being treated for an acute condition and it is believed that the immediate health and welfare of the patient and/or the community are in jeopardy. The quantity limit may be extended to provide single-course therapy; and

7. Final labeling, delivery, and counseling shall be performed by a pharmacist, the prescriber or a registered nurse, except that final labeling and delivery may be performed by an automated dispensing system.

(B) Automated dispensing systems may be used in accordance with all requirements of this section—

1. When the automated dispensing system is controlled by the prescriber it may be used only during times when no pharmacy services are reasonably available, except as allowed in paragraph (A)6. of this section; and

2. When the automated dispensing system is controlled by a pharmacy according to regulations of the Missouri Board of Pharmacy, including, but not limited to 20 CSR 2220-2.900.

(C) Medications in multidose containers that were administered to or used for the patient during the patient's hospital stay may be sent with the patient at discharge when so ordered by an authorized practitioner.

1. Examples of multidose medication containers include, but are not limited to, inhalers, ointments, creams, medications requiring the original container for dispensing, insulin pens, eye drops, ear drops, and infusions that are currently connected to the patient's infusion device.

2. Written instructions for use shall be provided by a pharmacist, prescriber, or registered nurse at the time of discharge.

3. Controlled substances shall not be sent with the patient, except that controlled substance infusions or continuous delivery systems currently connected to the patient may be sent as follows:

A. The medication is necessary for administration during transport of the patient; and

B. The quantity of controlled substance sent is documented in the patient's medical record by the person sending the medication.

[(8)](9) The director of pharmacy services or his/her pharmacist designee shall be an active member of the pharmacy and therapeutics committee or its equivalent, which shall advise the medical staff on all medication matters.

[(9)](10) Medications shall be ordered only by practitioners who have independent statutory authority to prescribe or who are authorized to order medications by their professional licensing agency as provided by state law. Authority to order medications may be granted to a non-physician licensed practitioner in accordance with state law.

~~[(10)](11)~~ Medications in the possession of the patient at time of admission shall be given to the patient's representative unless there is an identified need to retain them.

(A) Medications that are not given to the patient's representative and that are not to be administered shall be documented, sealed, and stored in a locked area accessible only to individuals authorized to access medications.

(B) Controlled substances shall be security sealed and stored in a locked area accessible only to individuals authorized to administer controlled substances or to authorized pharmacy personnel.

AUTHORITY: sections 192.006 and 338.165, RSMo 2016, and section 197.080, RSMo Supp. [2019] 2020. This rule previously filed as 19 CSR 30-20.021(3)(G). Original rule filed June 27, 2007, effective Feb. 29, 2008. Rescinded and readopted: Filed March 20, 2019, effective Nov. 30, 2019. Amended: Filed June 25, 2021.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) annually.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Department of Health and Senior Services, Division of Regulation and Licensure, Steve Bollin, Division Director, PO Box 570, Jefferson City, MO 65102-0570. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

**Title 20—DEPARTMENT OF COMMERCE AND
INSURANCE**
**Division 2030—Missouri Board for Architects,
Professional Engineers, Professional Land Surveyors,
and Professional Landscape Architects**
Chapter 4—Applications

PROPOSED AMENDMENT

20 CSR 2030-4.100 Applications—Formerly Licensed. The board is amending section (3), adding new section (4), and renumbering as necessary.

PURPOSE: This rule is being amended to come into compliance with the provisions of HB 2046 which went into effect on August 28, 2020 by specifically providing timelines and procedures for applicants for admission by comity under section 324.009, RSMo.

(3) Any person who applies for licensure by comity under section 327.381, RSMo, after revocation or voluntary surrender of a Missouri license must meet the following criteria for licensure:

(C) Upon passage of any Missouri-specific examination required for licensure in the applicant's profession, the applicant may apply for issuance of a new license as if never licensed.

(4) Any person who applies for licensure by comity under section 324.009, RSMo, after revocation or voluntary surrender of a Missouri license must meet the following criteria for licensure:

(A) After five (5) years have passed from the effective date of the order of revocation or affidavit of voluntary surrender, an applicant eligible for licensure by comity under section 324.009, RSMo may file an application for a new license without examination.

(B) Unless waived by the board under the terms of sections 324.009.3 and 324.009.4, RSMo, an applicant under this subsection must show proof of completion of the continuing education

hours consistent with the requirements of 20 CSR 2030 Chapter 8 and/or 20 CSR 2030 Chapter 11 for the applicant's profession in the two (2) years immediately preceding the application.

(C) Upon passage of any Missouri-specific examination required for licensure in the applicant's profession, the applicant may apply for issuance of a new license as if never licensed.

~~[(4)](5)~~ Any person who applies for licensure after revocation or voluntary surrender of a license on the ground of disciplinary action in another jurisdiction under section 327.441.2(8), RSMo, must meet the following criteria:

(A) The applicant must show that the license which was revoked or otherwise disciplined in another jurisdiction has been reinstated, reissued, or otherwise returned to active status in good standing, which may include probationary licensure; and

(B) An applicant under this subsection must show proof of completion of the continuing education hours consistent with the requirements of 20 CSR 2030 Chapter 8 and/or 20 CSR 2030 Chapter 11 for the applicant's profession in the two (2) years immediately preceding the application.

~~[(5)](6)~~ The board may require any applicant for examination or new licensure under sections (2), (3), and (4)–(5) above to personally appear before the board upon notice prepared to respond to questions concerning the nature of the cause for revocation or surrender of the applicant's prior license and rehabilitation or other relevant information pertaining to the time since revocation or surrender of the license.

(A) In any proceeding under this section, the person seeking licensure bears the burden of proving rehabilitation.

(B) Factors relevant to rehabilitation may include, among other factors:

1. Acknowledgement of wrongdoing or demonstration that the applicant understands the cause for the discipline;

2. Action taken by the applicant to prevent reoccurrence of the conduct that resulted in the discipline;

3. Action taken by the applicant to rehabilitate or address the underlying causes of the misconduct that resulted in discipline.; and

4. Actions taken by the applicant to address and remediate harm caused by the misconduct.

~~[(6)](7)~~ The board shall have discretion in all applications under this section to inquire into and take into account the nature of the conduct or factual basis of the revocation or surrender of the former license.

~~[(7)](8)~~ The board retains discretion under sections 327.441 and 327.442, RSMo, to deny any application for examination or licensure based on prior misconduct or circumstances occurring between the order of revocation or affidavit of voluntary surrender and the entry of the board's order, or to grant such application subject to a period and terms of probation pursuant to section 324.038, RSMo.

AUTHORITY: sections 327.041 and 327.442, RSMo 2016. Original rule filed Nov. 6, 2019, effective May 30, 2020. Amended: Filed June 21, 2021.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Board of Architects, Professional Engineers, Professional Land Surveyors, and Professional Landscape Architects, PO Box 184, Jefferson City, MO 65102, via facsimile at (573)751-8046, or via email at moapeplspla@pr.mo.gov. To be considered, comments

must be received within thirty (30) days after publication of this notice in the *Missouri Register*. No public hearing is scheduled.

Title 20—DEPARTMENT OF COMMERCE AND INSURANCE
Division 2030—Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Professional Landscape Architects
Chapter 6—Fees

PROPOSED AMENDMENT

20 CSR 2030-6.015 Application, Renewal, Relicensure, and Miscellaneous Fees. The board is amending section (1).

PURPOSE: Due to the rescission of board rule 20 CSR 2030-4.055 on March 30, 2021, this rule is being amended to delete the temporary courtesy license application filing fee for nonresident military spouse and the temporary courtesy license extension fee for nonresident military spouse and to change reference from Duplicate Certificate License Fee to Replacement Certificate License Fee.

(1) The following fees are established by the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Professional Landscape Architects:

- (T) [Duplicate] Replacement Certificate License Fee \$ 10
- (V) Temporary Courtesy License Application Filing Fee for nonresident military spouse \$ 50
- (W) Temporary Courtesy License Extension Fee for nonresident military spouse \$ 50

AUTHORITY: section[s] 324.008 and] 327.041, RSMo 2016. This rule originally filed as 4 CSR 30-6.015. Emergency rule filed Aug. 12, 1981, effective Aug. 22, 1981, expired Dec. 10, 1981. Original rule filed Aug. 12, 1981, effective Nov. 12, 1981. For intervening history, please consult the *Code of State Regulations*. Amended: Filed June 21, 2021.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Board of Architects, Professional Engineers, Professional Land Surveyors, and Professional Landscape Architects, PO Box 184, Jefferson City, MO 65102, via facsimile at (573)751-8046, or via email at moapeplspla@pr.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. No public hearing is scheduled.

Title 20—DEPARTMENT OF COMMERCE AND INSURANCE
Division 2030—Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Professional Landscape Architects
Chapter 13—Supervision

PROPOSED AMENDMENT

20 CSR 2030-13.010 Immediate Personal Supervision. The board is amending sections (3) and (4).

PURPOSE: This rule is being amended primarily to provide more clarity regarding the licensee's contact with the client.

(3) The licensee who signs and seals technical submissions in accordance with the provisions of section 327.411, RSMo, must be [familiar with] knowledgeable of decisions made during preparation of the technical submissions in sufficient detail as to be able to personally answer any questions regarding substantive decisions as to the design.

(4) Specifications, drawings, reports, design surveys, or other technical submissions will be deemed to have been prepared under the immediate personal supervision of a licensee when the following circumstances exist:

(A) The licensee, or an employee of the licensee's corporation, firm, partnership, association, or other entity authorized to do business, shall be in direct contact with the client requesting preparation of specifications, drawings, reports, design surveys, or other technical submissions [makes the request directly to the licensee or an employee of the licensee so long as the employee is employed directly under the licensee's organizational structure];

AUTHORITY: section 327.041, RSMo 2016. This rule originally filed as 4 CSR 30-13.010. Original rule filed Dec. 8, 1981, effective March 11, 1982. For intervening history, please consult the *Code of State Regulations*. Amended: Filed June 21, 2021.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Board of Architects, Professional Engineers, Professional Land Surveyors, and Professional Landscape Architects, PO Box 184, Jefferson City, MO 65102, via facsimile at (573)751-8046, or via email at moapeplspla@pr.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. No public hearing is scheduled.

Title 20—DEPARTMENT OF COMMERCE AND INSURANCE
Division 2030—Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Professional Landscape Architects
Chapter 13—Supervision

PROPOSED AMENDMENT

20 CSR 2030-13.020 Immediate Personal Supervision for Professional Land Surveyors. The board is amending sections (3) and (4).

PURPOSE: This rule is being amended to provide more clarity regarding the licensee's contact with the client and to specify guidelines in circumstances where a licensee in responsible charge of the work is unavailable to complete the work.

(3) The professional land surveyor who signs and seals plats, maps, preliminary subdivision plans, drawings, reports, descriptions, surveys, or other technical submissions in accordance with the provisions of section 327.411, RSMo, must be [familiar with] knowledgeable of decisions made during preparation of the documents in sufficient detail as to be able to personally answer any questions regarding substantive decisions.

(4) Plats, maps, preliminary subdivision plans, drawings, reports, descriptions, surveys, or other technical submissions will be deemed to have been prepared under the immediate personal supervision of a professional land surveyor when the following circumstances exist[—]:

(A) **The licensee, or an employee of the licensee's corporation, firm, partnership, association, or other entity authorized to do business, shall be in direct contact with the client requesting preparation of plats, maps, preliminary subdivision plans, drawings, reports, descriptions, surveys, or other technical submissions [makes the request directly to the professional land surveyor or an employee of the professional land surveyor, so long as the employee is employed directly under the professional land surveyor's organizational structure];**

(C) The professional land surveyor is not employed by the client, solely for the purpose of reviewing and approving plats, maps, preliminary subdivision plans, drawings, reports, descriptions, surveys, or other technical submissions prepared by an unlicensed person, employee, or contractor of the client; *land*

(D) The professional land surveyor reviews the final plats, maps, preliminary subdivision plans, drawings, reports, descriptions, surveys, or other technical submissions and is able to, and does make, necessary and appropriate changes to them[.]; **and**

(E) **In circumstances where a licensee in responsible charge of the work is unavailable to complete the work, a successor licensee may take responsible charge by performing all professional services to include the development and preparation of plats, maps, preliminary subdivision plans, drawings, reports, descriptions, surveys, or other technical submissions. The non-professional services, such as drafting, need not be redone by the successor licensee but must clearly and accurately reflect the successor licensee's work. The burden is on the successor licensee to show such compliance. The successor licensee shall have control of and responsibility for the work product and the signed and sealed originals of all technical submissions.**

AUTHORITY: section 327.041, RSMo 2016. This rule originally filed as 4 CSR 30-13.020. Original rule filed Dec. 16, 1988, effective Feb. 24, 1989. For intervening history, please consult the Code of State Regulations. Amended: Filed June 21, 2021.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Board of Architects, Professional Engineers, Professional Land Surveyors, and Professional Landscape Architects, PO Box 184, Jefferson City, MO 65102, via facsimile at (573)751-8046, or via email at moapeplspla@pr.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

**Title 20—DEPARTMENT OF COMMERCE AND
INSURANCE
Division 4240—Public Service Commission
Chapter 40—Gas Utilities and Gas Safety Standards**

PROPOSED AMENDMENT

20 CSR 4240-40.020 Incident, Annual, and Safety-Related Condition Reporting Requirements. The commission is amending sections (2), (5), (6), and (9)–(13).

PURPOSE: This amendment modifies the rule to address amendments of 49 CFR part 191 promulgated between October 2019 and December 2020, and makes clarification and editorial changes.

(2) Definitions. (191.3) As used in this rule and in the PHMSA Forms referenced in this rule—

(D) Federal incident means any of the following events:

1. An event that involves a release of gas from a pipeline, gas from an underground natural gas storage facility (UNGSF), liquefied natural gas (LNG), liquefied petroleum gas, refrigerant gas, or gas from an LNG facility, and that results in one (1) or more of the following consequences:

A. A death or personal injury necessitating inpatient hospitalization; or

B. Estimated property damage of fifty thousand dollars (\$50,000) or more, including loss to the operator and others, or both, but excluding the cost of gas lost; or

C. Unintentional estimated gas loss of three (3) million cubic feet or more.

2. An event that results in an emergency shutdown of an LNG facility or *[an underground natural gas storage facility]* **an UNGSF.** Activation of an emergency shutdown system for reasons other than an actual emergency does not constitute an incident; or

3. An event that is significant, in the judgment of the operator, even though it did not meet the criteria of paragraph (2)(D)1. or (2)(D)2.;

(O) Underground natural gas storage facility (UNGSF) means a **gas pipeline** facility that stores natural gas in an underground facility *[incident to natural gas]* **incidental to the transportation of natural gas, including—**

1. A depleted hydrocarbon reservoir[.];

[2. A]an aquifer reservoir[.]; or

[3. A]a solution-mined [salt] cavern [reservoir, including associated material and equipment used for]; **and**

2. In addition to the reservoir or cavern, a UNGSF includes injection, withdrawal, monitoring, [or observation wells, and wellhead equipment, piping, rights-of-way, property, buildings, compressor units, separators, metering equipment, and regulator equipment] and observation wells; wellbores and downhole components; wellheads and associated wellhead piping; wing-valve assemblies that isolate the wellhead from connected piping beyond the wing-valve assemblies; and any other equipment, facility, right-of-way, or building used in the underground storage of natural gas.

(5) Report Submission Requirements. (191.7)

(B) Missouri Incident Reports.

1. This subsection applies to events that meet the criteria in subsection (4)(A) but are not a federal incident reported under subsection (5)(A). Within thirty (30) days of a telephone notification made under subsection (4)(A), each gas operator must submit the applicable U.S. Department of Transportation Form PHMSA F 7100.1, PHMSA F 7100.2, or PHMSA F 7100.3 to designated commission personnel. Additional information required in subsections (6)(B) and (9)(B) for federal incidents is also required for these events.

2. The incident report forms for gas distribution systems (PHMSA F 7100.1, revised *[October 2014]* **April 2019**), gas transmission and gathering pipeline systems (PHMSA F 7100.2, revised *[October 2014]* **April 2019**), and LNG facilities (PHMSA F 7100.3, revised *[October 2014]* **April 2019**) are incorporated by reference in subsection (5)(G).

(G) Forms Incorporated by Reference.

1. The following forms are incorporated by reference and made part of this rule.

A. U.S. Department of Transportation Form PHMSA F 1000.1, revised *[April 2019]* **January 2020**. The PHMSA F 1000.1 form is the Operator Identification (OPID) Assignment Request form and does not include any amendments or additions to the *[April*

2019] **January 2020** version.

B. U.S. Department of Transportation Form PHMSA F 1000.2, revised [April 2019] **January 2020**. The PHMSA F 1000.2 form is the [Operator] National Registry Notification form for reporting changes including operator name change, change in entity operating, shared safety program change, change in ownership for gas facilities, construction or rehabilitation of gas facilities, change in ownership for LNG, and construction for LNG. The PHMSA F 1000.2 form does not include any amendments or additions to the [April 2019] **January 2020** version.

C. U.S. Department of Transportation Form PHMSA F 7100.1, revised [October 2014] **April 2019**. The PHMSA F 7100.1 form is the incident report form for gas distribution systems and does not include any amendments or additions to the [October 2014] **April 2019** version.

D. U.S. Department of Transportation Form PHMSA F 7100.1-1, revised October 2018. The PHMSA F 7100.1-1 form is the annual report form for gas distribution systems and does not include any amendments or additions to the October 2018 version.

E. U.S. Department of Transportation Form PHMSA F 7100.1-2, revised October 2014. The PHMSA F 7100.1-2 form is the report form for mechanical fitting failures and does not include any amendments or additions to the October 2014 version.

F. U.S. Department of Transportation Form PHMSA F 7100.2, revised [October 2014] **April 2019**. The PHMSA F 7100.2 form is the incident report form for gas transmission and gathering pipeline systems and does not include any amendments or additions to the [October 2014] **April 2019** version.

G. U.S. Department of Transportation Form PHMSA F 7100.2-1, revised October 2014. The PHMSA F 7100.2-1 form is the annual report form for gas transmission and gathering pipeline systems and does not include any amendments or additions to the October 2014 version.

H. U.S. Department of Transportation Form PHMSA F 7100.3, revised [October 2014] **April 2019**. The PHMSA F 7100.3 form is the incident report form for LNG facilities and does not include any amendments or additions to the [October 2014] **April 2019** version.

I. U.S. Department of Transportation Form PHMSA F 7100.3-1, revised August 2017. The PHMSA F 7100.3-1 form is the annual report form for LNG facilities and does not include any amendments or additions to the August 2017 version.

J. U.S. Department of Transportation Form PHMSA 7100.4-1, approved August 2017. The PHMSA F 7100.4-1 form is the annual report form for underground natural gas storage facilities and does not include any amendments or additions to the August 2017 version.

2. The forms listed in paragraph (5)(D)1. are published by the U.S. Department of Transportation Office of Pipeline Safety, PHP-10, 1200 New Jersey Avenue SE, Washington DC 20590-0001. The forms are available at www.phmsa.dot.gov/forms/pipeline-forms or upon request from the pipeline safety program manager at the address given in subsection (5)(E).

(6) Distribution System—Federal Incident Report. (191.9)

(A) Except as provided in subsection (6)(C), each operator of a distribution pipeline system must submit U.S. Department of Transportation Form PHMSA F 7100.1 as soon as practicable but not more than thirty (30) days after detection of an incident required to be reported under section (3) (191.5). See the report submission requirements in subsection (5)(A). The incident report form (revised [October 2014] **April 2019**) is incorporated by reference in subsection (5)(G).

(9) Transmission Systems; Gathering Systems; Liquefied Natural Gas Facilities; and Underground Natural Gas Storage Facilities—Federal Incident Report. (191.15)

(A) Transmission or Gathering. Each operator of a transmission or a gathering pipeline system must submit U.S. Department of

Transportation Form PHMSA F 7100.2 as soon as practicable but not more than thirty (30) days after detection of an incident required to be reported under section (3) (191.5). See the report submission requirements in subsection (5)(A). The incident report form (revised [October 2014] **April 2019**) is incorporated by reference in subsection (5)(G).

(B) LNG. Each operator of a liquefied natural gas plant or facility must submit U.S. Department of Transportation Form PHMSA F 7100.3 as soon as practicable but not more than thirty (30) days after detection of an incident required to be reported under section (3) (191.5). See the report submission requirements in subsection (5)(A). The incident report form (revised [October 2014] **April 2019**) is incorporated by reference in subsection (5)(G).

(C) Underground natural gas storage facility. Each operator of [an underground natural gas storage facility] an UNGSF must submit U.S. Department of Transportation Form PHMSA F 7100.2 as soon as practicable but not more than thirty (30) days after detection of an incident required to be reported under section (3) (191.5). The incident report form (revised [October 2014] **April 2019**) is incorporated by reference in subsection (5)(G).

(D) Supplemental Report. [When] Where additional related information is obtained after an operator submits a report [is submitted] under subsection (9)(A), (9)(B), or (9)(C), the operator must make a supplemental report as soon as practicable with a clear reference by date to the original report.

(10) Transmission Systems; Gathering Systems; Liquefied Natural Gas Facilities; and Underground Natural Gas Storage Facilities—Annual Report. (191.17)

(C) Underground natural gas storage facility. Each operator of [an underground natural gas storage facility] an UNGSF must submit an annual report [on] through U.S. Department of Transportation Form PHMSA 7100.4-1. **This report must be submitted each year, no later than [by] March 15, for the preceding calendar year.** See the report submission requirements in subsection (5)(A). The annual report form (August 2017) is incorporated by reference in subsection (5)(G).

(11) National Registry of Pipeline and LNG Operators (191.22)

(A) OPID Request.

1. Effective January 1, 2012, each operator of a gas pipeline, gas pipeline facility, [underground natural gas storage facility] UNGSF, LNG plant, or LNG facility must obtain from PHMSA an Operator Identification Number (OPID). An OPID is assigned to an operator for the pipeline, **pipeline facility**, or pipeline system for which the operator has primary responsibility. To obtain an OPID, an operator must complete an OPID Assignment Request (U.S. Department of Transportation Form PHMSA F 1000.1) through the National Registry of [Pipeline and LNG] Operators at [<http://portal.phmsa.dot.gov/pipeline>] <https://portal.phmsa.dot.gov> unless an alternative reporting method is authorized in accordance with subsection (5)(D). A copy of each submission to PHMSA must also be submitted concurrently to designated commission personnel—see addresses in subsection (5)(E).

2. The OPID Assignment Request form ([April 2019] **January 2020**) is incorporated by reference in subsection (5)(G).

(B) OPID Validation. An operator who has already been assigned one (1) or more OPIDs by January 1, 2011, must validate the information associated with each OPID through the National Registry of [Pipeline and LNG] Operators at [<http://opsweb.phmsa.dot.gov>] <https://portal.phmsa.dot.gov>, and correct that information as necessary, no later than September 30, 2012 (PHMSA Advisory Bulletin ADB-2012-04 extended the deadline from June 30, 2012, to September 30, 2012).

(C) Changes. Each operator of a gas pipeline, gas pipeline facility, [underground natural gas storage facility] UNGSF, LNG plant, or LNG facility must notify PHMSA electronically through the National Registry of [Pipeline and LNG] Operators at [<http://portal.phmsa.dot.gov/pipeline>] <https://portal.phmsa.dot.gov> of

certain events. A copy of each online notification must also be submitted concurrently to designated commission personnel—see addresses in subsection (5)(E).

1. An operator must notify PHMSA of any of the following events not later than sixty (60) days before the event occurs:

A. Construction or any planned rehabilitation, replacement, modification, upgrade, uprate, or update of a facility, other than a section of line pipe, that costs ten (10) million dollars or more. If sixty- (60-) day notice is not feasible because of an emergency, an operator must notify PHMSA as soon as practicable;

B. Construction of ten (10) or more miles of a new *[or replacement]* pipeline;

C. Construction of a new LNG plant, *[or]* LNG facility, or UNGSF;

D. *[Construction of a new underground natural gas storage facility or the abandonment, drilling, or well workover (including replacement of wellhead, tubing, or a new casing) of an injection, withdrawal, monitoring, or observation well for an underground natural gas storage facility]* Maintenance of an UNGSF that involves the plugging or abandonment of a well, or that requires a workover rig and costs two hundred thousand dollars (\$200,000) or more for an individual well, including its wellhead. If sixty- (60-) day notice is not feasible due to an emergency, an operator must promptly respond to the emergency and notify PHMSA as soon as practicable;

E. Reversal of product flow direction when the reversal is expected to last more than thirty (30) days. This notification is not required for pipeline systems already designed for bi-directional flow; or

F. A pipeline converted for service under 20 CSR 4240-40.030(1)(H) (192.14), or a change in commodity as reported on the annual report as required by section (10) (191.17).

2. An operator must notify PHMSA of any of the following events not later than sixty (60) days after the event occurs:

A. A change in the primary entity responsible (i.e., with an assigned OPID) for managing or administering a safety program required by this rule covering pipeline facilities operated under multiple OPIDs;

B. A change in the name of the operator;

C. A change in the entity (e.g., company, municipality) responsible for an existing pipeline, pipeline segment, pipeline facility, *[underground natural gas storage facility]* UNGSF, or LNG facility;

D. The acquisition or divestiture of fifty (50) or more miles of a pipeline or pipeline system subject to 20 CSR 4240-40.030; or

E. The acquisition or divestiture of an existing UNGSF, or an LNG plant, or LNG facility subject to 49 CFR Part 193; *or*

[F. The acquisition or divestiture of an existing underground natural gas storage facility subject to 49 CFR Part 192].

(12) Reporting Safety-Related Conditions. (191.23)

(A) Except as provided in subsection (12)(B), each operator must report in accordance with section (13) (191.25) the existence of any of the following safety-related conditions involving facilities in service:

1. In the case of the pipeline (other than an LNG facility) that operates at a hoop stress of twenty percent (20%) or more of its specified minimum yield strength, general corrosion that has reduced the wall thickness to less than that required for the maximum allowable operating pressure and localized corrosion pitting to a degree where leakage might result;

2. In the case of *[an underground natural gas storage facility, including injection, withdrawal, monitoring, or observation well]* an UNGSF, general corrosion that has reduced the wall thickness of any metal component to less than that required for the well's maximum *[well]* operating pressure, *[and]* or localized cor-

rosion pitting to a degree where leakage might result;

3. Unintended movement or abnormal loading by environmental causes, such as an earthquake, landslide or flood, that impairs the serviceability of a pipeline or the structural integrity or reliability of *[an underground natural gas storage facility, including injection, withdrawal, monitoring, or observation well for an underground natural gas storage facility]* an UNGSF, or an LNG facility that contains, controls, or processes gas or LNG;

4. Any crack or other material defect that impairs the structural integrity or reliability of *[an underground natural gas storage facility or]* an UNGSF or an LNG facility that contains, controls, or processes gas or LNG;

5. Any material defect or physical damage that impairs the serviceability of a pipeline that operates at a hoop stress of twenty percent (20%) or more of its specified minimum yield strength or *[underground natural gas storage facility, including injection, withdrawal, monitoring, or observations well for an underground natural gas storage facility]* an UNGSF;

6. Any malfunction or operating error that causes the pressure *[of:]*, plus the margin (build-up) allowed for operation of pressure limiting or control devices, to exceed either the maximum allowable operating pressure of a distribution or gathering line, the maximum well allowable operating pressure of an UNGSF, or the maximum allowable working pressure of an LNG facility that contains or processes gas or LNG;

[A. A pipeline to rise above its maximum allowable operating pressure plus the buildup allowed for operation of pressure limiting or control devices;

B. An underground natural gas storage facility to rise above its maximum well operating pressure plus the margin (build-up) allowed for operation of pressure limiting or control devices; or

C. An LNG facility that contains or processes gas or LNG to rise above its working pressure plus the margin (build-up) allowed for operation of pressure limiting or control devices.]

7. A leak in a pipeline *[or an underground natural gas storage facility, including injection, withdrawal, monitoring, or observation well for an underground natural gas storage facility]*, UNGSF, or LNG facility that contains or processes gas or LNG that constitutes an emergency;

8. Inner tank leakage, ineffective insulation, or frost heave that impairs the structural integrity of an LNG storage tank; *[and]*

9. Any safety-related condition that could lead to an imminent hazard and causes (either directly or indirectly by remedial action of the operator), for purposes other than abandonment, a twenty percent (20%) or more reduction in operating pressure or shutdown of operation of a pipeline *[or an underground natural gas storage facility, including injection, withdrawal, monitoring, or observation well for an underground natural gas storage facility]*, UNGSF, or an LNG facility that contains or processes gas or LNG;];

10. For transmission pipelines only, each exceedance of the maximum allowable operating pressure that exceeds the margin (build-up) allowed for operation of pressure-limiting or control devices as specified in the applicable requirements of 20 CSR 4240-40.030(4)(FF) and (13)(R) (192.201 and 192.739). The reporting requirement of this paragraph is not applicable to gathering lines, distribution lines, LNG facilities, or underground natural gas storage facilities (see paragraph (12)(A)6.); and

11. Any malfunction or operating error that causes the pressure of a UNGSF using a salt cavern for natural gas storage to fall below its minimum allowable operating pressure, as defined by the facility's State or Federal operating permit or certificate, whichever pressure is higher.

(B) A report is not required for any safety-related condition that—

1. Exists on a master meter system or a customer-owned service

line;

2. Is an incident or results in an incident before the deadline for filing the safety-related condition report;

3. Exists on a pipeline (**other than an UNGSF or an LNG facility**) that is more than two hundred twenty (220) yards (two hundred (200) meters) from any building intended for human occupancy or outdoor place of assembly, except that reports are required for conditions within the right-of-way of an active railroad, paved road, street, or highway; *or*

4. **Exists on an UNGSF, where a well or wellhead is isolated, allowing the reservoir or cavern and all other components of the facility to continue to operate normally and without pressure restriction; or**

[4.]5. Is corrected by repair or replacement in accordance with applicable safety standards before the deadline for filing the safety-related condition report, *except that reports are required for conditions]. Notwithstanding this exception, a report must be filed for—*

A. **Conditions** under paragraph (12)(A)1. *[other than], unless the condition is localized corrosion pitting on an effectively coated and cathodically protected pipeline[.]; and*

B. **Any condition under paragraph (12)(A)10.**

(13) Filing Safety-Related Condition Reports. (191.25)

(A) Each report of a safety-related condition under *[subsection] paragraphs (12)(A)1.-9.* must be filed (received by the **Associate Administrator**, Office of Pipeline Safety at PHMSA and designated commission personnel) **in writing** within five (5) working days (not including Saturday, Sunday, or federal holidays) after the day a representative of the operator first determines that the condition exists, but not later than ten (10) working days after the day a representative of the operator discovers the possibility of a condition. Separate conditions may be described in a single report if they are closely related. *[See the report submission requirements in subsection (5)(C). Reports may be transmitted by electronic mail to InformationResourcesManager@dot.gov and PipelineSafetyProgramManager@psc.mo.gov. To file a report by telefacsimile (fax), dial (202) 366-7128 for the Office of Pipeline Safety and (573) 522-1946 for designated commission personnel.] Reporting methods and report requirements are described in subsection (13)(C).*

(B) Each report of a maximum allowable operating pressure exceedance meeting the requirements of criteria in paragraph (12)(A)10. for a gas transmission pipeline must be filed (received by the **Associate Administrator**, Office of Pipeline Safety at PHMSA and designated commission personnel) **in writing** within five (5) calendar days of the exceedance using the reporting methods and report requirements described in subsection (13)(C).

[(B)](C) [The report must be titled Safety-Related Condition Report and] Reports must be filed by email to InformationResourcesManager@dot.gov or by facsimile to (202) 366-7128 for the Office of Pipeline Safety, and by email to PipelineSafetyProgramManager@psc.mo.gov or by facsimile to (573) 522-1946 for designated commission personnel. For a report made pursuant to paragraphs (12)(A)1.-9., the report must be headed “Safety-Related Condition Report.” For a report made pursuant to paragraph (12)(A)10., the report must be headed “Maximum Allowable Operating Pressure Exceedances.” All reports must provide the following information:

1. Name *[and]*, principal address, and operator identification number (OPID) of the operator;
2. Date of report;
3. Name, job title, and business telephone number of the person submitting the report;
4. Name, job title, and business telephone number of the person who determined that the condition exists;
5. Date the condition was discovered and date the condition was first determined to exist;

6. Location of the condition, with reference to the state (and town, city, or county), and as appropriate, nearest street address, survey station number, milepost, landmark, or name of pipeline;

7. Description of the condition, including circumstances leading to its discovery, any significant effects of the condition on safety, and the name of the commodity transported or stored; and

8. The corrective action taken (including reduction of pressure or shutdown) before the report is submitted and the planned follow-up or future corrective action, including the anticipated schedule for starting and concluding such action.

AUTHORITY: sections 386.250, 386.310, and 393.140, RSMo 2016. This rule originally filed as 4 CSR 240-40.020. Original rule filed Feb. 5, 1970, effective Feb. 26, 1970. For intervening history, please consult the Code of State Regulations. Amended: Filed June 29, 2021.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to the proposed amendment with the Missouri Public Service Commission, 200 Madison Street, PO Box 360, Jefferson City MO 65102-0360. To be considered, comments must be received no later than September 1, 2021, and should include a reference to Commission Case No. GX-2021-0406. Comments may also be submitted via a filing using the commission’s electronic filing and information system at <http://www.psc.mo.gov/efis.asp>. A public hearing is scheduled for 10:00 a.m., September 7, 2021, in Room 310 of the Governor Office Building, 200 Madison St., Jefferson City, Missouri. Interested persons may appear at this hearing to submit additional comments and/or testimony in support of or in opposition to this proposed amendment, and may be asked to respond to commission questions.

SPECIAL NEEDS: Any persons with special needs as addressed by the Americans with Disabilities Act should contact the Missouri Public Service Commission at least ten (10) days prior to the hearing at one (1) of the following numbers: Consumer Services Hotline 1-800-392-4211 or TDD Hotline 1-800-829-7541.

Title 20—DEPARTMENT OF COMMERCE AND INSURANCE
Division 4240—Public Service Commission
Chapter 40—Gas Utilities and Gas Safety Standards

PROPOSED AMENDMENT

20 CSR 4240-40.030 Safety Standards—Transportation of Gas by Pipeline. The commission is amending the purpose, sections (1)–(6), (9), (10), (12), (13), and (16), and Appendix E.

PURPOSE: This amendment modifies the rule to address amendments of 49 CFR part 192 promulgated between October 2019 and December 2020, and makes clarification and editorial changes.

*PURPOSE: This rule prescribes minimum safety standards regarding the design, fabrication, installation, construction, metering, corrosion control, **testing, uprating, operation, maintenance, leak detection, repair, [and] replacement, and integrity management** of pipelines used for the transportation of natural and other gas.*

(1) General.

(B) Definitions. (192.3) as used in this rule—

1. Abandoned means permanently removed from service;
2. Active corrosion means continuing corrosion that, unless controlled, could result in a condition that is detrimental to public safety;
3. Administrator means the Administrator of the Pipeline and Hazardous Materials Safety Administration of the United States Department of Transportation to whom authority in the matters of pipeline safety have been delegated by the Secretary of the United States Department of Transportation, or his or her delegate;
4. Alarm means an audible or visible means of indicating to the controller that equipment or processes are outside operator-defined, safety-related parameters;
5. Building means any structure that is regularly or periodically occupied by people;
6. Commission means the Missouri Public Service Commission;
7. Control room means an operations center staffed by personnel charged with the responsibility for remotely monitoring and controlling a pipeline facility;
8. Controller means a qualified individual who remotely monitors and controls the safety-related operations of a pipeline facility via a supervisory control and data acquisition (SCADA) system from a control room, and who has operational authority and accountability for the remote operational functions of the pipeline facility;
9. Customer meter means the meter that measures the transfer of gas from an operator to a consumer;
10. Designated commission personnel means the pipeline safety program manager at the address contained in 20 CSR 4240-40.020(5)(E) for correspondence;
11. Distribution line means a pipeline other than a gathering or transmission line;
12. Electrical survey means a series of closely spaced pipe-to-soil readings over pipelines which are subsequently analyzed to identify locations where a corrosive current is leaving the pipeline, except that other indirect examination tools/methods can be used for an electrical survey included in the federal regulations in 49 CFR part 192, subpart O and appendix E (incorporated by reference in section (16));
13. Engineering critical assessment (ECA) means a documented analytical procedure based on fracture mechanics principles, relevant material properties (mechanical and fracture resistance properties), operating history, operational environment, in-service degradation, possible failure mechanisms, initial and final defect sizes, and usage of future operating and maintenance procedures to determine the maximum tolerable sizes for imperfections based upon the pipeline segment maximum allowable operating pressure;
- [13.]14. Feeder line means a distribution line that has a maximum allowable operating pressure (MAOP) greater than 100 psi (689 kPa) gauge that produces hoop stresses less than twenty percent (20%) of specified minimum yield strength (SMYS);
- [14.]15. Follow-up inspection means an inspection performed after a repair procedure has been completed in order to determine the effectiveness of the repair and to ensure that all hazardous leaks in the area are corrected;
- [15.]16. Fuel line means the customer-owned gas piping downstream from the outlet of the customer meter or operator-owned pipeline, whichever is farther downstream;
- [16.]17. Gas means natural gas, flammable gas, manufactured gas, or gas which is toxic or corrosive;
- [17.]18. Gathering line means a pipeline that transports gas from a current production facility to a transmission line or main;
- [18.]19. High-pressure distribution system means a distribution system in which the gas pressure in the main is higher than an equivalent to fourteen inches (14") water column;
- [19.]20. Hoop stress means the stress in a pipe wall acting cir-

cumferentially in a plane perpendicular to the longitudinal axis of the pipe produced by the pressure in the pipe;

[20.]21. Listed specification means a specification listed in subsection I. of Appendix B, which is included herein (at the end of this rule);

[21.]22. Low-pressure distribution system means a distribution system in which the gas pressure in the main is less than or equal to an equivalent of fourteen inches (14") water column;

[22.]23. Main means a distribution line that serves as a common source of supply for more than one (1) service line;

[23.]24. Maximum actual operating pressure means the maximum pressure that occurs during normal operations over a period of one (1) year;

[24.]25. Maximum allowable operating pressure (MAOP) means the maximum pressure at which a pipeline or segment of a pipeline may be operated under this rule;

26. Moderate consequence area means—**A. An onshore area that is within a “potential impact circle” as defined in 49 CFR 192.903 (incorporated by reference in section (16)), containing either—****(I) Five (5) or more buildings intended for human occupancy; or****(II) Any portion of the paved surface (including shoulders) of a designated “interstate,” “other freeway or expressway,” as well as any “other principal arterial” roadway with four (4) or more lanes, as defined in the Federal Highway Administration’s *Highway Functional Classification Concepts, Criteria and Procedures*, Section 3.1 (see: https://www.fhwa.dot.gov/planning/processes/statewide/related/highway_functional_classifications/fcaub.pdf), and that does not meet the definition of “high consequence area” in 49 CFR 192.903 (incorporated by reference in section (16)); and****B. The length of the moderate consequence area extends axially along the length of the pipeline from the outermost edge of the first potential impact circle containing either five (5) or more buildings intended for human occupancy; or any portion of the paved surface, including shoulders, of any designated interstate, freeway, or expressway, as well as any other principal arterial roadway with four (4) or more lanes, to the outermost edge of the last contiguous potential impact circle that contains either five (5) or more buildings intended for human occupancy, or any portion of the paved surface, including shoulders, of any designated interstate, freeway, or expressway, as well as any other principal arterial roadway with four (4) or more lanes;**

[25.]27. Municipality means a city, village, or town;

[26.]28. Operator means a person who engages in the transportation of gas;

[27.]29. Person means any individual, firm, joint venture, partnership, corporation, association, county, state, municipality, political subdivision, cooperative association, or joint stock association, and including any trustee, receiver, assignee, or personal representative of them;

[28.]30. Petroleum gas means propane, propylene, butane (normal butane or isobutanes), and butylene (including isomers), or mixtures composed predominantly of these gases, having a vapor pressure not exceeding 208 psi (1434 kPa) gauge at 100°F (38°C);

[29.]31. PHMSA means the Pipeline and Hazardous Materials Safety Administration of the United States Department of Transportation;

[30.]32. Pipe means any pipe or tubing used in the transportation of gas, including pipe-type holders;

[31.]33. Pipeline means all parts of those physical facilities through which gas moves in transportation, including pipe, valves, and other appurtenances attached to pipe, compressor units, metering stations, regulator stations, delivery stations, holders, and fabricated assemblies;

[32.]34. Pipeline environment includes soil resistivity (high or low), soil moisture (wet or dry), soil contaminants that may promote

corrosive activity, and other known conditions that could affect the probability of active corrosion;

[33.]35. Pipeline facility means new and existing pipelines, rights-of-way, and any equipment, facility, or building used in the transportation of gas or in the treatment of gas during the course of transportation;

[34.]36. Reading means the highest sustained reading when testing in a bar hole or opening without induced ventilation;

[35.]37. Service line means a distribution line that transports gas from a common source of supply to an individual customer, to two (2) adjacent or adjoining residential or small commercial customers, or to multiple residential or small commercial customers served through a meter header or manifold. A service line ends at the outlet of the customer meter or at the connection to a customer's piping, whichever is further downstream, or at the connection to customer piping if there is no meter;

[36.]38. Service regulator means the device on a service line that controls the pressure of gas delivered from a higher pressure to the pressure provided to the customer. A service regulator may serve one (1) customer or multiple customers through a meter header or manifold;

[37.]39. SMYS means specified minimum yield strength is—

A. For steel pipe manufactured in accordance with a listed specification, the yield strength specified as a minimum in that specification; or

B. For steel pipe manufactured in accordance with an unknown or unlisted specification, the yield strength determined in accordance with paragraph (3)(D)2. (192.107[b]);

[38.]40. Supervisory control and data acquisition (SCADA) system means a computer-based system or systems used by a controller in a control room that collects and displays information about a pipeline facility and may have the ability to send commands back to the pipeline facility;

[39.]41. Sustained reading means the reading taken on a combustible gas indicator unit after adequately venting the test hole or opening;

[40.]42. Transmission line means a pipeline, other than a gathering line, that—

A. Transports gas from a gathering line or storage facility to a distribution center, storage facility, or large volume customer that is not downstream from a distribution center (A large volume customer may receive similar volumes of gas as a distribution center, and includes factories, power plants, and institutional users of gas.);

B. Operates at a hoop stress of twenty percent (20%) or more of SMYS; or

C. Transports gas within a storage field;

[41.]43. Transportation of gas means the gathering, transmission, or distribution of gas by pipeline or the storage of gas, in or affecting intrastate, interstate, or foreign commerce;

[42.]44. Tunnel means a subsurface passageway large enough for a man to enter;

[43.]45. Vault or manhole means a subsurface structure that a man can enter;

[44.]46. Weak link means a device or method used when pulling polyethylene pipe, typically through methods such as horizontal directional drilling, to ensure that damage will not occur to the pipeline by exceeding the maximum tensile stresses allowed;

[45.]47. Welder means a person who performs manual or semi-automatic welding;

[46.]48. Welding operator means a person who operates machine or automatic welding equipment; and

[47.]49. Yard line means an underground fuel line that transports gas from the service line to the customer's building. If multiple buildings are being served, building means the building nearest to the connection to the service line. For purposes of this definition, if aboveground fuel line piping at the meter location is located within five feet (5') of a building being served by that meter, it will be considered to the customer's building and no yard line exists. At meter

locations where aboveground fuel line piping is located greater than five feet (5') from the building(s) being served, the underground fuel line from the meter to the entrance into the nearest building served by that meter will be considered the yard line and any other lines are not considered yard lines.

(C) Class Locations. (192.5)

1. This subsection classifies pipeline locations for the purpose of this rule. The following criteria apply to classifications under this section:

A. A "class location unit" is an area that extends two hundred twenty (220) yards (200 meters) on either side of the centerline of any continuous one- (1-) mile (1.6 kilometers) length of pipeline; and

B. Each separate dwelling unit in a multiple dwelling unit building is counted as a separate building intended for human occupancy.

2. Except as provided in paragraph (1)(C)3., pipeline locations are classified as follows:

A. A Class 1 location is any class location unit that has ten (10) or fewer buildings intended for human occupancy;

B. A Class 2 location is any class location unit that has more than ten (10) but fewer than forty-six (46) buildings intended for human occupancy;

C. A Class 3 location is—

(I) Any class location unit that has forty-six (46) or more buildings intended for human occupancy; or

(II) An area where the pipeline lies within one hundred (100) yards (91 meters) of either a building or a small, well-defined outside area (such as a playground, recreation area, outdoor theater, or other place of public assembly) that is occupied by twenty (20) or more persons on at least five (5) days a week for ten (10) weeks in any twelve- (12-) month period (The days and weeks need not be consecutive); and

D. A Class 4 location is any class location unit where buildings with four (4) or more stories aboveground are prevalent.

3. The length of Class locations 2, 3, and 4 may be adjusted as follows:

A. A Class 4 location ends two hundred twenty (220) yards (200 meters) from the nearest building with four (4) or more stories aboveground; and

B. When a cluster of buildings intended for human occupancy requires a Class 2 or 3 location, the class location ends two hundred twenty (220) yards (200 meters) from the nearest building in the cluster.

4. An operator must have records that document the current class location of each gas transmission pipeline segment and that demonstrate how the operator determined each current class location in accordance with this subsection.

(D) Incorporation By Reference of the Federal Regulation at 49 CFR 192.7. (192.7)

1. As set forth in the *Code of Federal Regulations* (CFR) dated October 1, 2018/9, and the subsequent amendment 192-124/125 (published in *Federal Register* on [November 20, 2018, page 84 FR 58694] October 1, 2019, page 84 FR 52180), the federal regulation at 49 CFR 192.7 is incorporated by reference and made a part of this rule. This rule does not incorporate any subsequent amendments to 49 CFR 192.7.

2. The *Code of Federal Regulations* and the *Federal Register* are published by the Office of the Federal Register, National Archives and Records Administration, 8601 Adelphi Road, College Park, MD 20740-6001. The October 1, 2018/9 version of 49 CFR part 192 is available at <https://www.govinfo.gov/#citation>. The *Federal Register* publication on page [83 FR 58694] 84 FR 52180 is available at [<https://www.govinfo.gov/content/pkg/FR-2018-11-20/pdf/2018-24925.pdf>] <https://www.govinfo.gov/content/pkg/FR-2019-10-01/pdf/2019-20306.pdf>.

3. The regulation at 49 CFR 192.7 provides a listing of the documents that are incorporated by reference partly or wholly in 49

CFR part 192, which is the federal counterpart and foundation for this rule. All incorporated materials are available for inspection from several sources, including the following sources:

A. The Office of Pipeline Safety, Pipeline and Hazardous Materials Safety Administration, 1200 New Jersey Avenue SE, Washington, DC 20590. For more information, contact 202-366-4046 or go to the PHMSA website at www.phmsa.dot.gov/pipeline/regs;

B. The National Archives and Records Administration (NARA). For information on the availability of this material at NARA, go to the NARA website at www.archives.gov/federal-register/cfr/ibr-locations.html or call 202-741-6030 or 866-272-6272; and

C. Copies of standards incorporated by reference can also be purchased or are otherwise made available from the respective standards-developing organizations listed in 49 CFR 192.7.

4. Federal amendment 192-94 (published in Federal Register on June 14, 2004, page 69 FR 32886) moved the listing of incorporated documents to 49 CFR 192.7 from 49 CFR part 192—Appendix A, which is now “Reserved.” This listing of documents was in Appendix A to this rule prior to the 2008 amendment of this rule. As of the 2008 amendment, Appendix A to this rule is also “Reserved” and included herein.

(E) Gathering Lines. (192.8 and 192.9)

1. As set forth in the *Code of Federal Regulations* (CFR) dated October 1, 2018/9, and the subsequent amendment 192-124/125 (published in *Federal Register* on [November 20, 2018, page 83 FR 58694] October 1, 2019, page 84 FR 52180, the federal regulations at 49 CFR 192.8 and 192.9 are incorporated by reference and made a part of this rule. This rule does not incorporate any subsequent amendments to 49 CFR 192.8 and 192.9.

2. The *Code of Federal Regulations* is published by the Office of the Federal Register, National Archives and Records Administration, 8601 Adelphi Road, College Park, MD 20740-6001. The October 1, 2018/9 version of 49 CFR part 192 is available at <https://www.govinfo.gov/#citation>. The *Federal Register* publication on page [83 FR 58694] 84 FR 52180 is available at [<https://www.govinfo.gov/content/pkg/FR-2018-11-20/pdf/2018-24925.pdf>] [<https://www.govinfo.gov/content/pkg/FR-2019-10-01/pdf/2019-20306.pdf>].

3. The regulations at 49 CFR 192.8 and 192.9 provide the requirements for gathering lines. The requirements for offshore lines are not applicable to Missouri.

(M) How to Notify PHMSA and Designated Commission Personnel. (192.18)

1. An operator must provide any notification required by this rule by—

A. Sending the notification by electronic mail to InformationResourcesManager@dot.gov; or

B. Sending the notification by mail to ATTN: Information Resources Manager, DOT/PHMSA/OPS, East Building, 2nd Floor, E22-321, 1200 New Jersey Ave. SE, Washington, DC 20590.

2. An operator must also notify designated commission personnel by electronic mail to PipelineSafetyProgramManager@psc.mo.gov or by mail to Pipeline Safety Program Manager, Missouri Public Service Commission, PO Box 360, Jefferson City, MO 65102.

3. Unless otherwise specified, if the notification is made pursuant to (10)(K)2., (12)(E)5.D. and E., (12)(U)3.B.(III) and 3.F., (12)(V)2.C., (13)(DD)3.G., (13)(EE)4.C.(IV) and 5.B.(I)(e), 49 CFR 192.921(a)(7) (incorporated by reference in section (16)), or 49 CFR 192.937(c)(7) (incorporated by reference in section (16)) to use a different integrity assessment method, analytical method, sampling approach, or technique (i.e., “other technology”) that differs from that prescribed in those requirements, the operator must notify PHMSA at least ninety (90) days in advance

of using the “other technology.” An operator may proceed to use the “other technology” ninety-one (91) days after submittal of the notification unless it receives a letter from the Associate Administrator for Pipeline Safety informing the operator that PHMSA objects to the proposed use of “other technology” or that PHMSA requires additional time to conduct its review.

(2) Materials.

(G) Records: Material Properties. (192.67)

1. For steel transmission pipelines installed after July 1, 2020, an operator must collect or make, and retain for the life of the pipeline, records that document the physical characteristics of the pipeline, including diameter, yield strength, ultimate tensile strength, wall thickness, seam type, and chemical composition of materials for pipe in accordance with subsections (2)(B) and (2)(C) (192.53 and 192.55). Records must include tests, inspections, and attributes required by the manufacturing specifications applicable at the time the pipe was manufactured or installed.

2. For steel transmission pipelines installed on or before July 1, 2020, if operators have records that document tests, inspections, and attributes required by the manufacturing specifications applicable at the time the pipe was manufactured or installed, including diameter, yield strength, ultimate tensile strength, wall thickness, seam type, and chemical composition in accordance with subsections (2)(B) and (2)(C) (192.53 and 192.55), operators must retain such records for the life of the pipeline.

3. For steel transmission pipeline segments installed on or before July 1, 2020, if an operator does not have records necessary to establish the MAOP of a pipeline segment, the operator may be subject to the requirements of subsection (12)(U) (192.624) according to the terms of that subsection.

((G))/(H) Storage and Handling of Plastic Pipe and Associated Components. (192.167/69) Each operator must have and follow written procedures for the storage and handling of plastic pipe and associated components that meet the applicable listed specifications.

(3) Pipe Design.

(M) Records: Pipe design. (192.127)

1. For steel transmission pipelines installed after July 1, 2020, an operator must collect or make, and retain for the life of the pipeline, records documenting that the pipe is designed to withstand anticipated external pressures and loads in accordance with subsection (3)(B) (192.103) and documenting that the determination of design pressure for the pipe is made in accordance with subsection (3)(C) (192.105).

2. For steel transmission pipelines installed on or before July 1, 2020, if operators have records documenting pipe design and the determination of design pressure in accordance with subsections (3)(B) and (3)(C) (192.103 and 192.105), operators must retain such records for the life of the pipeline.

3. For steel transmission pipeline segments installed on or before July 1, 2020, if an operator does not have records necessary to establish the MAOP of a pipeline segment, the operator may be subject to the requirements of subsection (12)(U) (192.624) according to the terms of that subsection.

(4) Design of Pipeline Components.

((H)) Passage of Internal Inspection Devices. (192.150)

1. Except as provided in paragraphs (4)(HH)2. and (4)(HH)3., each new transmission line and each replacement of line pipe, valve, fitting, or other line component in a transmission line must be designed and constructed to accommodate the passage of instrumented internal inspection devices in accordance with NACE SP0102, section 7 (incorporated by reference in 49 CFR 192.7 and adopted in subsection (1)(D)).

2. This subsection does not apply to—

- A. Manifolds;
- B. Station piping such as at compressor stations, meter stations, or regulator stations;
- C. Piping associated with storage facilities, other than a continuous run of transmission line between a compressor station and storage facilities;
- D. Cross-overs;
- E. Sizes of pipe for which an instrumented internal inspection device is not commercially available;
- F. Transmission lines, operated in conjunction with a distribution system which are installed in Class 4 locations; and
- G. Other piping that, under 49 CFR 190.9, the administrator finds in a particular case would be impracticable to design and construct to accommodate the passage of instrumented internal inspection devices.

3. An operator encountering emergencies, construction time constraints, or other unforeseen construction problems need not construct a new or replacement segment of a transmission line to meet paragraph (4)(HH)1., if the operator determines and documents why an impracticability prohibits compliance with paragraph (4)(HH)1. Within thirty (30) days of discovering the emergency or construction problem the operator must petition, under 49 CFR 190.9, for approval that design and construction to accommodate passage of instrumented internal inspection devices would be impracticable. If the petition is denied, within one (1) year after the date of the notice of the denial, the operator must modify that segment to allow passage of instrumented internal inspection devices.

(II) Records: Pipeline Components. (192.205)

1. For steel transmission pipelines installed after July 1, 2020, an operator must collect or make, and retain for the life of the pipeline, records documenting the manufacturing standard and pressure rating to which each valve was manufactured and tested in accordance with this section. Flanges, fittings, branch connections, extruded outlets, anchor forgings, and other components with material yield strength grades of forty-two thousand (42,000) psi (X42) or greater and with nominal diameters of greater than two inches (2") must have records documenting the manufacturing specification in effect at the time of manufacture, including yield strength, ultimate tensile strength, and chemical composition of materials.

2. For steel transmission pipelines installed on or before July 1, 2020, if operators have records documenting the manufacturing standard and pressure rating for valves, flanges, fittings, branch connections, extruded outlets, anchor forgings, and other components with material yield strength grades of forty-two thousand (42,000) psi (X42) or greater and with nominal diameters of greater than two inches (2"), operators must retain such records for the life of the pipeline.

3. For steel transmission pipeline segments installed on or before July 1, 2020, if an operator does not have records necessary to establish the MAOP of a pipeline segment, the operator may be subject to the requirements of subsection (12)(U) (192.624) according to the terms of that subsection.

(5) Welding of Steel in Pipelines.

(D) Qualification of Welders and Welding Operators. (192.227)

1. Except as provided in paragraph (5)(D)2., each welder or welding operator must be qualified in accordance with section 6, section 12, Appendix A, or Appendix B of API Standard 1104 (incorporated by reference in 49 CFR 192.7 and adopted in subsection (1)(D)) or section IX of the ASME Boiler and Pressure Vessel Code (incorporated by reference in 49 CFR 192.7 and adopted in subsection (1)(D)). However, a welder or welding operator qualified under an earlier edition of a standard listed in 49 CFR 192.7 (see subsection (1)(D)) may weld but may not requalify under that earlier edition.

2. A welder may qualify to perform welding on pipe to be operated at a pressure that produces a hoop stress of less than twenty per-

cent (20%) of SMYS by performing an acceptable test weld, for the process to be used, under the test set forth in subsection I. of Appendix C, which is included herein (at the end of this rule). Each welder who is to make a welded service line connection to a main must first perform an acceptable test weld under subsection II. of Appendix C as a requirement of the qualifying test.

3. For steel transmission pipe installed after July 1, 2021, records demonstrating each individual welder qualification at the time of construction in accordance with this section must be retained for a minimum of five (5) years following construction.

(6) Joining of Materials Other Than by Welding.

(H) Plastic Pipe—Qualifying Persons to Make Joints. (192.285)

1. No person may make a plastic pipe joint unless that person has been qualified under the applicable joining procedure by—

A. Appropriate training or experience in the use of the procedure; and

B. Making a specimen joint from pipe sections joined according to the procedure that passes the inspection and test set forth in paragraph (6)(H)2.

2. The specimen joint must be—

A. Visually examined during and after assembly or joining and found to have the same appearance as a joint or photographs of a joint that is acceptable under the procedure; and

B. In the case of a heat fusion, solvent cement, or adhesive joint—

(I) Tested under any one (1) of the test methods listed under paragraph (6)(G)1. (192.283[a]), or for polyethylene heat fusion joints (except for electrofusion joints) visually inspected and tested in accordance with ASTM F2620-12 (incorporated by reference in 49 CFR 192.7 and adopted in subsection (1)(D)) applicable to the type of joint and material being tested;

(II) Examined by ultrasonic inspection and found not to contain flaws that would cause failure; or

(III) Cut into at least three (3) longitudinal straps, each of which is—

(a) Visually examined and found not to contain voids or discontinuities on the cut surfaces of the joint area; and

(b) Deformed by bending, torque, or impact and, if failure occurs, it must not initiate in the joint area.

3. A person must be requalified under an applicable procedure once each calendar year at intervals not exceeding fifteen (15) months, or after any production joint is found unacceptable by testing under subsection (10)(G). (192.513)

4. Each operator shall establish a method to determine that each person making joints in plastic pipelines in the operator's system is qualified in accordance with this subsection.

5. For transmission pipe installed after July 1, 2021, records demonstrating each person's plastic pipe joining qualifications at the time of construction in accordance with this section must be retained for a minimum of five (5) years following construction.

(9) Requirements for Corrosion Control.

(X) In-line Inspection of Pipelines. (192.493)

When conducting in-line inspections of pipelines required by this rule, an operator must comply with API STD 1163, ANSI/ASNT ILI-PQ, and NACE SP0102 (incorporated by reference in 49 CFR 192.7 and adopted in subsection (1)(D)). Assessments may be conducted using tethered or remotely controlled tools, not explicitly discussed in NACE SP0102, provided they comply with those sections of NACE SP0102 that are applicable.

(10) Test Requirements.

(I) Records. (192.517)

1. For *[mains]* pipelines other than service lines, each operator shall make and retain for the useful life of the pipeline, a record of each test performed under subsections (10)(C)–(E) *[and]*, (G), and (K). (192.505, 192.506, 192.507, 192.509, and 192.513)

Where applicable to the test performed, the record must contain at least the following information, except as noted in subparagraph (10)(I)1.B.:

A. The operator's name, the name of the operator's employee responsible for making the test, and the name of any test company used;

B. Test medium used, except for tests performed pursuant to subsections (10)(E) and (G);

C. Test pressure;

D. Test duration;

E. Pressure recording charts or other record of pressure readings;

F. Elevation variations, whenever significant for the particular test;

G. Leaks and failures noted and their disposition;

H. Test date; and

I. Description of facilities being tested.

2. For service lines, each operator shall make and retain for the useful life of the pipeline, a record of each test performed under subsections (10)(F) and (G) (192.511 and 192.513). Where applicable to the test performed, the record must contain the test pressure, leaks, and failures noted and their disposition and the date.

(K) Transmission Lines: Spike Hydrostatic Pressure Test. (192.506)

1. **Spike test requirements.** Whenever a segment of steel transmission pipeline that is operated at a hoop stress level of thirty percent (30%) or more of SMYS is spike tested under this rule, the spike hydrostatic pressure test must be conducted in accordance with this subsection.

A. The test must use water as the test medium.

B. The baseline test pressure must be as specified in subparagraph (12)(M)1.B. (192.619(a)(2)).

C. The test must be conducted by maintaining a pressure at or above the baseline test pressure for at least eight (8) hours as specified in subsection (10)(C) (192.505).

D. After the test pressure stabilizes at the baseline pressure and within the first two (2) hours of the eight- (8-) hour test interval, the hydrostatic pressure must be raised (spiked) to a minimum of the lesser of 1.5 times MAOP or one-hundred percent (100%) SMYS. This spike hydrostatic pressure test must be held for at least fifteen (15) minutes after the spike test pressure stabilizes.

2. "Other technology" or other technical evaluation process. Operators may use "other technology" or another process supported by a documented engineering analysis for establishing a spike hydrostatic pressure test or equivalent. Operators must notify PHMSA ninety (90) days in advance of the assessment or reassessment requirements of this chapter. The notification must be made in accordance with subsection (1)(M) (192.18) and must include the following information:

A. Descriptions of the technology or technologies to be used for all tests, examinations, and assessments;

B. Procedures and processes to conduct tests, examinations, assessments, perform evaluations, analyze defects, and remediate defects discovered;

C. Data requirements, including original design, maintenance and operating history, anomaly or flaw characterization;

D. Assessment techniques and acceptance criteria;

E. Remediation methods for assessment findings;

F. Spike hydrostatic pressure test monitoring and acceptance procedures, if used;

G. Procedures for remaining crack growth analysis and pipeline segment life analysis for the time interval for additional assessments, as required; and

H. Evidence of a review of all procedures and assessments by a qualified technical subject matter expert.

(12) Operations.

(E) [(Reserved)] Verification of Pipeline Material Properties and Attributes: Steel Transmission Pipelines. (192.607)

1. **Applicability.** Wherever required by this rule, operators of steel transmission pipelines must document and verify material properties and attributes in accordance with this subsection.

2. **Documentation of material properties and attributes.** Records established under this subsection documenting physical pipeline characteristics and attributes, including diameter, wall thickness, seam type, and grade (e.g., yield strength, ultimate tensile strength, or pressure rating for valves and flanges, etc.), must be maintained for the life of the pipeline and be traceable, verifiable, and complete. Charpy v-notch toughness values established under this subsection needed to meet the requirements of the ECA method at subparagraph (12)(U)3.C. (192.624(c)(3)) or the fracture mechanics requirements at subsection (13)(EE) (192.712) must be maintained for the life of the pipeline.

3. **Verification of material properties and attributes.** If an operator does not have traceable, verifiable, and complete records required by paragraph (12)(E)2., the operator must develop and implement procedures for conducting nondestructive or destructive tests, examinations, and assessments in order to verify the material properties of aboveground line pipe and components, and of buried line pipe and components when excavations occur at the following opportunities: Anomaly direct examinations, in situ evaluations, repairs, remediations, maintenance, and excavations that are associated with replacements or relocations of pipeline segments that are removed from service. The procedures must also provide for the following:

A. For nondestructive tests, at each test location, material properties for minimum yield strength and ultimate tensile strength must be determined at a minimum of five (5) places in at least two (2) circumferential quadrants of the pipe for a minimum total of ten (10) test readings at each pipe cylinder location;

B. For destructive tests, at each test location, a set of material properties tests for minimum yield strength and ultimate tensile strength must be conducted on each test pipe cylinder removed from each location, in accordance with API Specification 5L;

C. Tests, examinations, and assessments must be appropriate for verifying the necessary material properties and attributes;

D. If toughness properties are not documented, the procedures must include accepted industry methods for verifying pipe material toughness; and

E. Verification of material properties and attributes for non-line pipe components must comply with paragraph (12)(E)6.

4. **Special requirements for nondestructive methods.** Procedures developed in accordance with paragraph (12)(E)3. for verification of material properties and attributes using nondestructive methods must—

A. Use methods, tools, procedures, and techniques that have been validated by a subject matter expert based on comparison with destructive test results on material of comparable grade and vintage;

B. Conservatively account for measurement inaccuracy and uncertainty using reliable engineering tests and analyses; and

C. Use test equipment that has been properly calibrated for comparable test materials prior to usage.

5. **Sampling multiple segments of pipe.** To verify material properties and attributes for a population of multiple, comparable segments of pipe without traceable, verifiable, and complete records, an operator may use a sampling program in accordance with the following requirements:

A. The operator must define separate populations of similar segments of pipe for each combination of the following material properties and attributes: Nominal wall thicknesses, grade, manufacturing process, pipe manufacturing dates, and construction dates. If the dates between the manufacture or construction

of the pipeline segments exceeds two (2) years, those segments cannot be considered as the same vintage for the purpose of defining a population under this section. The total population mileage is the cumulative mileage of pipeline segments in the population. The pipeline segments need not be continuous;

B. For each population defined according to subparagraph (12)(E)5.A., the operator must determine material properties at all excavations that expose the pipe associated with anomaly direct examinations, in situ evaluations, repairs, remediations, or maintenance, except for pipeline segments exposed during excavation activities pursuant to subsection (12)(I) (192.614), until completion of the lesser of the following:

(I) One (1) excavation per mile rounded up to the nearest whole number; or

(II) One-hundred-fifty (150) excavations if the population is more than one-hundred-fifty (150) miles;

C. Prior tests conducted for a single excavation according to the requirements of paragraph (12)(E)3. may be counted as one (1) sample under the sampling requirements of this paragraph (12)(E)5.;

D. If the test results identify line pipe with properties that are not consistent with available information or existing expectations or assumed properties used for operations and maintenance in the past, the operator must establish an expanded sampling program. The expanded sampling program must use valid statistical bases designed to achieve at least a ninety-five percent (95%) confidence level that material properties used in the operation and maintenance of the pipeline are valid. The approach must address how the sampling plan will be expanded to address findings that reveal material properties that are not consistent with all available information or existing expectations or assumed material properties used for pipeline operations and maintenance in the past. Operators must notify PHMSA in advance of using an expanded sampling approach in accordance with subsection (1)(M) (192.18); and

E. An operator may use an alternative statistical sampling approach that differs from the requirements specified in subparagraph (12)(E)5.B. The alternative sampling program must use valid statistical bases designed to achieve at least a ninety-five percent (95%) confidence level that material properties used in the operation and maintenance of the pipeline are valid. The approach must address how the sampling plan will be expanded to address findings that reveal material properties that are not consistent with all available information or existing expectations or assumed material properties used for pipeline operations and maintenance in the past. Operators must notify PHMSA in advance of using an alternative sampling approach in accordance with subsection (1)(M) (192.18).

6. Components. For mainline pipeline components other than line pipe, an operator must develop and implement procedures in accordance with paragraph (12)(E)3. for establishing and documenting the ANSI rating or pressure rating (in accordance with ASME/ANSI B16.5 (incorporated by reference in 49 CFR 192.7 and adopted in (1)(D))).

A. Operators are not required to test for the chemical and mechanical properties of components in compressor stations, meter stations, regulator stations, separators, river crossing headers, mainline valve assemblies, valve operator piping, or cross-connections with isolation valves from the mainline pipeline.

B. Verification of material properties is required for non-line pipe components, including valves, flanges, fittings, fabricated assemblies, and other pressure retaining components and appurtenances that are—

(I) Larger than two (2) inches in nominal outside diameter;

(II) Material grades of forty-two thousand (42,000) psi (Grade X-42) or greater; or

(III) Appurtenances of any size that are directly installed on the pipeline and cannot be isolated from mainline pipeline pressures.

C. Procedures for establishing material properties of non-line pipe components must be based on the documented manufacturing specification for the components. If specifications are not known, usage of manufacturer's stamped, marked, or tagged material pressure ratings and material type may be used to establish pressure rating. Operators must document the method used to determine the pressure rating and the findings of that determination.

7. Upgrading. The material properties determined from the destructive or nondestructive tests required by this subsection (12)(E) cannot be used to raise the grade or specification of the material, unless the original grade or specification is unknown and MAOP is based on an assumed yield strength of twenty-four thousand (24,000) psi in accordance with subparagraph (3)(D)2.B. (192.107(b)(2)).

(M) Maximum Allowable Operating Pressure—Steel or Plastic Pipelines. (192.619 and 192.620)

1. Except as provided in paragraphs (12)(M)3., 4., and 6., no person may operate a segment of steel or plastic pipeline at a pressure that exceeds the lowest of the following:

A. The design pressure of the weakest element in the segment, determined in accordance with sections (3) and (4). However, for steel pipe in pipelines being converted under subsection (1)(H) or upgraded under section (11), if any variable necessary to determine the design pressure under the design formula in subsection (3)(C) is unknown, one (1) of the following pressures is to be used as design pressure:

(I) Eighty percent (80%) of the first test pressure that produces yield under section N5 of Appendix N of ASME B31.8 (incorporated by reference in 49 CFR 192.7 and adopted in subsection (1)(D)), reduced by the appropriate factor in part (12)(M)1.B.(II); or

(II) If the pipe is twelve and three-quarter inches (12 3/4") (three hundred twenty-four (324) mm) or less in outside diameter and is not tested to yield under this paragraph, two hundred (200) psi (one thousand three hundred seventy-nine (1379) kPa) gauge;

B. The pressure obtained by dividing the highest pressure to which the segment was tested after construction or upgraded as follows:

(I) For plastic pipe in all locations, the test pressure is divided by a factor of 1.5; and

(II) For steel pipe operated at one hundred (100) psi (six hundred eighty-nine (689) kPa) gauge or more, the test pressure is divided by a factor determined in accordance with the following table:

Class Location	Factors ¹ , segment -			
	Installed before [[/Nov. 12, 1970/]]	Installed after //Nov. 11, 1970// and before July 1, 2020	Installed on or after July 1, 2020	Converted under subsection (1)(H) (192.14)
1	1.1	1.1	1.25	1.25
2	1.25	1.25	1.25	1.25
3	1.4	1.5	1.5	1.5
4	1.4	1.5	1.5	1.5

¹For segments installed, upgraded, or converted after July 31, 1977 that are located on a platform in inland navigable waters, including a pipe riser, the factor is 1.5.

C. The highest actual operating pressure to which the segment was subjected during the five (5) years preceding the applicable date in the second column. This pressure restriction applies unless the segment was tested in accordance with subparagraph (12)(M)1.B. after the applicable date in the third column or the segment was upgraded in accordance with section (11);

Pipeline Segment	Pressure Date	Test date
Onshore gathering line that first became subject to 49 CFR 192.8 and 192.9 after April 13, 2006 (see subsection (1)(E)).	March 15, 2006, or date line becomes subject to this rule, whichever is later.	Five (5) years preceding applicable date in second column.
Onshore transmission line that was a gathering line not subject to 49 CFR 192.8 and 192.9 before March 15, 2006 (see subsection (1)(E)).	March 15, 2006	March 15, 2001
All other pipelines.	July 1, 1970	July 1, 1965

D. The pressure determined by the operator to be the maximum safe pressure after considering and accounting for records of material properties, including material properties verified in accordance with subsection (12)(E), if applicable, and the history of the pipeline segment, [particularly] including known corrosion and the actual operating pressure.

2. No person may operate a segment of pipeline to which this subsection applies unless overpressure protective devices are installed for the segment in a manner that will prevent the maximum allowable operating pressure from being exceeded, in accordance with subsection (4)(CC). (192.195)

3. The requirements on pressure restrictions in this subsection do not apply in the following instance [.] : An operator may operate a segment of pipeline found to be in satisfactory condition, considering its operating and maintenance history, at the highest actual operating pressure to which the segment was subjected during the five (5) years preceding the applicable date in the second column of the table in subparagraph (12)(M)1.C. An operator must still comply with subsection (12)(G).

4. No person may operate a pipeline at a pressure that results in a hoop stress greater than seventy-two percent (72%) of SMYS.

5. Notwithstanding the requirements in paragraphs (12)(M)1. through 4., operators of steel transmission pipelines that meet the criteria specified in paragraph (12)(U)1. must establish and document the maximum allowable operating pressure in accordance with subsection (12)(U).

6. Operators of steel transmission pipelines must make and retain records necessary to establish and document the MAOP of each pipeline segment in accordance with paragraphs (12)(M)1. through 5. as follows:

A. Operators of pipelines in operation as of July 1, 2020 must retain any existing records establishing MAOP for the life of the pipeline;

B. Operators of pipelines in operation as of July 1, 2020 that do not have records establishing MAOP and are required to reconfirm MAOP in accordance with subsection (12)(U), must retain the records reconfirming MAOP for the life of the pipeline; and

C. Operators of pipelines placed in operation after July 1, 2020 must make and retain records establishing MAOP for the life of the pipeline.

[5.77] Alternative maximum allowable operating pressure for certain steel pipelines. (192.620) The federal regulations at 49 CFR 192.620 are not adopted in this rule.

(U) Maximum Allowable Operating Pressure Reconfirmation: Steel Transmission Pipelines. (192.624)

1. **Applicability.** Operators of steel transmission pipeline segments must reconfirm the maximum allowable operating pressure (MAOP) of all pipeline segments in accordance with the requirements of this section if either of the following conditions are met:

A. Records necessary to establish the MAOP in accordance with subparagraph (12)(M)1.B., including records required by paragraph (10)(I)1., are not traceable, verifiable, and complete and the pipeline is located in one of the following locations:

(I) A high consequence area as defined in 49 CFR 192.903 (incorporated by reference in section (16)); or

(II) A Class 3 or Class 4 location.

B. The pipeline segment's MAOP was established in accordance with paragraph (12)(M)3., the pipeline segment's MAOP is greater than or equal to thirty percent (30%) of the specified minimum yield strength, and the pipeline segment is located in one of the following areas:

(I) A high consequence area as defined in 49 CFR 192.903 (incorporated by reference in section (16));

(II) A Class 3 or Class 4 location; or

(III) A "moderate consequence area" as defined in subsection (1)(B), if the pipeline segment can accommodate inspection by means of instrumented inline inspection tools.

2. **Procedures and completion dates.** Operators of a pipeline subject to this subsection must develop and document procedures for completing all actions required by this section by July 1, 2021. These procedures must include a process for reconfirming MAOP for any pipelines that meet a condition of paragraph (12)(U)1., and for performing a spike test or material verification in accordance with subsections (10)(K) and (12)(E), if applicable. All actions required by this subsection must be completed according to the following schedule:

A. Operators must complete all actions required by this subsection on at least fifty percent (50%) of the pipeline mileage by July 3, 2028;

B. Operators must complete all actions required by this subsection on one-hundred percent (100%) of the pipeline mileage by July 2, 2035 or as soon as practicable, but not to exceed four (4) years after the pipeline segment first meets a condition of paragraph (12)(U)1. (e.g., due to a location becoming a high consequence area), whichever is later; and

C. If operational and environmental constraints limit an operator from meeting the deadlines in this subsection, the operator may petition for an extension of the completion deadlines by up to one (1) year, upon submittal of a notification in accordance with subsection (1)(M) (192.18). The notification must include an up-to-date plan for completing all actions in accordance with this subsection, the reason for the requested extension, current status, proposed completion date, outstanding remediation activities, and any needed temporary measures needed to mitigate the impact on safety.

3. **Maximum allowable operating pressure determination.** Operators of a pipeline segment meeting a condition in paragraph (12)(U)1. must reconfirm its MAOP using one of the following methods:

A. **Method 1: Pressure test.** Perform a pressure test and verify material properties records in accordance with subsection (12)(E) and the following requirements:

(I) **Pressure test.** Perform a pressure test in accordance with section (10). The MAOP must be equal to the test pressure divided by the greater of either 1.25 or the applicable class location factor in (12)(M)1.B.(II);

(II) **Material properties records.** Determine if the following material properties records are documented in traceable, verifiable, and complete records: diameter, wall thickness, seam type, and grade (minimum yield strength, ultimate tensile strength); and

(III) **Material properties verification.** If any of the records required by (12)(U)3.A.(II) are not documented in traceable, verifiable, and complete records, the operator must obtain the missing records in accordance with subsection (12)(E). An operator must test the pipe materials cut out from the test manifold sites at the time the pressure test is conducted. If there is a failure during the pressure test, the operator must test any removed pipe from the pressure test failure in accordance with subsection (12)(E);

B. **Method 2: Pressure Reduction.** Reduce pressure, as

necessary, and limit MAOP to no greater than the highest actual operating pressure sustained by the pipeline during the five (5) years preceding October 1, 2019, divided by the greater of 1.25 or the applicable class location factor in (12)(M)1.B.(II). The highest actual sustained pressure must have been reached for a minimum cumulative duration of eight (8) hours during a continuous thirty (30)-day period. The value used as the highest actual sustained operating pressure must account for differences between upstream and downstream pressure on the pipeline by use of either the lowest maximum pressure value for the entire pipeline segment or using the operating pressure gradient along the entire pipeline segment (i.e., the location-specific operating pressure at each location).

(I) Where the pipeline segment has had a class location change in accordance with subsection (12)(G), and records documenting diameter, wall thickness, seam type, grade (minimum yield strength and ultimate tensile strength), and pressure tests are not documented in traceable, verifiable, and complete records, the operator must reduce the pipeline segment MAOP as follows:

(a) For pipeline segments where a class location changed from Class 1 to Class 2, from Class 2 to Class 3, or from Class 3 to Class 4, reduce the pipeline MAOP to no greater than the highest actual operating pressure sustained by the pipeline during the five (5) years preceding October 1, 2019, divided by 1.39 for Class 1 to Class 2, 1.67 for Class 2 to Class 3, and 2.00 for Class 3 to Class 4; and

(b) For pipeline segments where a class location changed from Class 1 to Class 3, reduce the pipeline MAOP to no greater than the highest actual operating pressure sustained by the pipeline during the five (5) years preceding October 1, 2019, divided by 2.00.

(II) Future uprating of the pipeline segment in accordance with section (11) is allowed if the MAOP is established using Method 2.

(III) If an operator elects to use Method 2, but desires to use a less conservative pressure reduction factor or longer look-back period, the operator must notify PHMSA in accordance with subsection (1)(M) (192.18) no later than seven (7) calendar days after establishing the reduced MAOP. The notification must include the following details:

(a) Descriptions of the operational constraints, special circumstances, or other factors that preclude, or make it impractical, to use the pressure reduction factor specified in subparagraph (12)(U)3.B.;

(b) The fracture mechanics modeling for failure stress pressures and cyclic fatigue crack growth analysis that complies with subsection (13)(EE);

(c) Justification that establishing MAOP by another method allowed by this subsection is impractical;

(d) Justification that the reduced MAOP determined by the operator is safe based on analysis of the condition of the pipeline segment, including material properties records, material properties verified in accordance with subsection (12)(E), and the history of the pipeline segment, particularly known corrosion and leakage, and the actual operating pressure, and additional compensatory preventive and mitigative measures taken or planned; and

(e) Planned duration for operating at the requested MAOP, long-term remediation measures and justification of this operating time interval, including fracture mechanics modeling for failure stress pressures and cyclic fatigue growth analysis and other validated forms of engineering analysis that have been reviewed and confirmed by subject matter experts;

C. Method 3: Engineering Critical Assessment (ECA). Conduct an ECA in accordance with subsection (12)(V);

D. Method 4: Pipe Replacement. Replace the pipeline segment in accordance with this rule;

E. Method 5: Pressure Reduction for Pipeline Segments with Small Potential Impact Radius. Pipelines with a potential impact radius (PIR) less than or equal to one-hundred-fifty (150) feet may establish the MAOP as follows:

(I) Reduce the MAOP to no greater than the highest actual operating pressure sustained by the pipeline during five (5) years preceding October 1, 2019, divided by 1.1. The highest actual sustained pressure must have been reached for a minimum cumulative duration of eight (8) hours during one continuous thirty (30)-day period. The reduced MAOP must account for differences between discharge and upstream pressure on the pipeline by use of either the lowest value for the entire pipeline segment or the operating pressure gradient (i.e., the location specific operating pressure at each location);

(II) Conduct patrols in accordance with paragraphs (13)(C)1. and 3. and conduct instrumented leakage surveys in accordance with subsection (13)(D) at intervals not to exceed those in the following table 1:

Table 1

Class locations	Patrols	Leakage surveys
(A) Class 1 and Class 2	3½ months, but at least four times each calendar year	3½ months, but at least four times each calendar year
(B) Class 3 and Class 4	3 months, but at least six times each calendar year	3 months, but at least six times each calendar year

(III) Under Method 5, future uprating of the pipeline segment in accordance with section (11) is allowed; or

F. Method 6: Alternative Technology. Operators may use an alternative technical evaluation process that provides a documented engineering analysis for establishing MAOP. If an operator elects to use alternative technology, the operator must notify PHMSA in advance in accordance with subsection (1)(M) (192.18). The notification must include descriptions of the following details:

(I) The technology or technologies to be used for tests, examinations, and assessments; the method for establishing material properties; and analytical techniques with similar analysis from prior tool runs done to ensure the results are consistent with the required corresponding hydrostatic test pressure for the pipeline segment being evaluated;

(II) Procedures and processes to conduct tests, examinations, assessments and evaluations, analyze defects and flaws, and remediate defects discovered;

(III) Pipeline segment data, including original design, maintenance and operating history, anomaly or flaw characterization;

(IV) Assessment techniques and acceptance criteria, including anomaly detection confidence level, probability of detection, and uncertainty of the predicted failure pressure quantified as a fraction of specified minimum yield strength;

(V) If any pipeline segment contains cracking or may be susceptible to cracking or crack-like defects found through or identified by assessments, leaks, failures, manufacturing vintage histories, or any other available information about the pipeline, the operator must estimate the remaining life of the pipeline in accordance with subsection (13)(EE);

(VI) Operational monitoring procedures;

(VII) Methodology and criteria used to justify and establish the MAOP; and

(VIII) Documentation of the operator's processes and procedures used to implement the use of the alternative technology, including any records generated through its use.

4. Records. An operator must retain records of investigations, tests, analyses, assessments, repairs, replacements, alterations, and other actions taken in accordance with the requirements of this subsection for the life of the pipeline.

(V) Engineering Critical Assessment for Maximum Allowable Operating Pressure Reconfirmation: Steel Transmission Pipelines. (192.632) When an operator conducts an MAOP

reconfirmation in accordance with (12)(U)3.C. “Method 3” using an ECA to establish the material strength and MAOP of the pipeline segment, the ECA must comply with the requirements of this section. The ECA must assess: threats; loadings, and operational circumstances relevant to those threats, including along the pipeline right-of-way; outcomes of the threat assessment; relevant mechanical and fracture properties; in-service degradation or failure processes; and initial and final defect size relevance. The ECA must quantify the interacting effects of threats on any defect in the pipeline.

1. ECA Analysis.

A. The material properties required to perform an ECA analysis in accordance with paragraph (12)(V)1. are as follows: Diameter, wall thickness, seam type, grade (minimum yield strength and ultimate tensile strength), and Charpy v-notch toughness values based upon the lowest operational temperatures, if applicable. If any material properties required to perform an ECA for any pipeline segment in accordance with paragraph (12)(V)1. are not documented in traceable, verifiable and complete records, an operator must use conservative assumptions and include the pipeline segment in its program to verify the undocumented information in accordance with subsection (12)(E). The ECA must integrate, analyze, and account for the material properties, the results of all tests, direct examinations, destructive tests, and assessments performed in accordance with subsection (12)(V), along with other pertinent information related to pipeline integrity, including close interval surveys, coating surveys, interference surveys required by section (9), cause analyses of prior incidents, prior pressure test leaks and failures, other leaks, pipe inspections, and prior integrity assessments, including those required by subsections (12)(L) and (13)(DD) and section (16).

B. The ECA must analyze and determine the predicted failure pressure for the defect being assessed using procedures that implement the appropriate failure criteria and justification as follows:

(I) The ECA must analyze any cracks or crack-like defects remaining in the pipe, or that could remain in the pipe, to determine the predicted failure pressure of each defect in accordance with subsection (13)(EE);

(II) The ECA must analyze any metal loss defects not associated with a dent, including corrosion, gouges, scrapes, or other metal loss defects that could remain in the pipe, to determine the predicted failure pressure. ASME/ANSI B31G (incorporated by reference in 49 CFR 192.7 and adopted in (1)(D)) or R-STRENG (incorporated by reference in 49 CFR 192.7 and adopted in subsection (1)(D)) must be used for corrosion defects. Both procedures and their analysis apply to corroded regions that do not penetrate the pipe wall over eighty percent (80%) of the wall thickness and are subject to the limitations prescribed in the equations’ procedures. The ECA must use conservative assumptions for metal loss dimensions (length, width, and depth);

(III) When determining the predicted failure pressure for gouges, scrapes, selective seam weld corrosion, crack-related defects, or any defect within a dent, appropriate failure criteria and justification of the criteria must be used and documented; and

(IV) If SMYS or actual material yield and ultimate tensile strength is not known or not documented by traceable, verifiable, and complete records, then the operator must assume thirty thousand (30,000) psi or determine the material properties using subsection (12)(E).

C. The ECA must analyze the interaction of defects to conservatively determine the most limiting predicted failure pressure. Examples include, but are not limited to, cracks in or near locations with corrosion metal loss, dents with gouges or other metal loss, or cracks in or near dents or other deformation dam-

age. The ECA must document all evaluations and any assumptions used in the ECA process.

D. The MAOP must be established at the lowest predicted failure pressure for any known or postulated defect, or interacting defects, remaining in the pipe divided by the greater of 1.25 or the applicable factor listed in (12)(M)1.B.(II).

2. Assessment to determine defects remaining in the pipe. An operator must utilize previous pressure tests or develop and implement an assessment program to determine the size of defects remaining in the pipe to be analyzed in accordance with paragraph (12)(V)1.

A. An operator may use a previous pressure test that complied with section (10) to determine the defects remaining in the pipe if records for a pressure test meeting the requirements of section (10) exist for the pipeline segment. The operator must calculate the largest defect that could have survived the pressure test. The operator must predict how much the defects have grown since the date of the pressure test in accordance with subsection (13)(EE). The ECA must analyze the predicted size of the largest defect that could have survived the pressure test that could remain in the pipe at the time the ECA is performed. The operator must calculate the remaining life of the most severe defects that could have survived the pressure test and establish a reassessment interval in accordance with the methodology in subsection (13)(EE).

B. Operators may use an inline inspection program in accordance with paragraph (12)(V)3.

C. Operators may use “other technology” if it is validated by a subject matter expert to produce an equivalent understanding of the condition of the pipe equal to or greater than pressure testing or an inline inspection program. If an operator elects to use “other technology” in the ECA, it must notify PHMSA in advance of using the “other technology” in accordance with subsection (1)(M) (192.18). The “other technology” notification must have—

(I) Descriptions of the technology or technologies to be used for all tests, examinations, and assessments, including characterization of defect size used in the crack assessments (length, depth, and volumetric); and

(II) Procedures and processes to conduct tests, examinations, assessments and evaluations, analyze defects, and remediate defects discovered.

3. In-line inspection. An inline inspection (ILI) program to determine the defects remaining in the pipe for the ECA analysis must be performed using tools that can detect wall loss, deformation from dents, wrinkle bends, ovalities, expansion, seam defects, including cracking and selective seam weld corrosion, longitudinal, circumferential and girth weld cracks, hard spot cracking, and stress corrosion cracking.

A. If a pipeline has segments that might be susceptible to hard spots based on assessment, leak, failure, manufacturing vintage history, or other information, then the ILI program must include a tool that can detect hard spots.

B. If the pipeline has had a reportable federal incident, as defined in 20 CSR 4240-40.020(2)(D), attributed to a girth weld failure since its most recent pressure test, then the ILI program must include a tool that can detect girth weld defects unless the ECA analysis performed in accordance with this section includes an engineering evaluation program to analyze and account for the susceptibility of girth weld failure due to lateral stresses.

C. Inline inspection must be performed in accordance with subsection (9)(X).

D. An operator must use unity plots or equivalent methodologies to validate the performance of the ILI tools in identifying and sizing actionable manufacturing and construction related anomalies. Enough data points must be used to validate tool performance at the same or better statistical confidence level provided in the tool specifications. The operator must have a

process for identifying defects outside the tool performance specifications and following up with the ILI vendor to conduct additional in-field examinations, reanalyze ILI data, or both.

E. Interpretation and evaluation of assessment results must meet the requirements of subsections (13)(H) and (13)(DD) and section (16), and must conservatively account for the accuracy and reliability of ILI, in-the-ditch examination methods and tools, and any other assessment and examination results used to determine the actual sizes of cracks, metal loss, deformation, and other defect dimensions by applying the most conservative limit of the tool tolerance specification. ILI and in-the-ditch examination tools and procedures for crack assessments (length and depth) must have performance and evaluation standards confirmed for accuracy through confirmation tests for the defect types and pipe material vintage being evaluated. Inaccuracies must be accounted for in the procedures for evaluations and fracture mechanics models for predicted failure pressure determinations.

F. Anomalies detected by ILI assessments must be remediated in accordance with applicable criteria in subsection (13)(H) and 49 CFR 192.933 (incorporated by reference in section (16)).

4. Defect remaining life. If any pipeline segment contains cracking or may be susceptible to cracking or crack-like defects found through or identified by assessments, leaks, failures, manufacturing vintage histories, or any other available information about the pipeline, the operator must estimate the remaining life of the pipeline in accordance with subsection (13)(EE).

5. Records. An operator must retain records of investigations, tests, analyses, assessments, repairs, replacements, alterations, and other actions taken in accordance with the requirements of this subsection for the life of the pipeline.

(13) Maintenance.

(DD) Transmission Lines: Assessments Outside of High Consequence Areas. (192.710)

1. Applicability: This subsection applies to steel transmission pipelines segments with a maximum allowable operating pressure of greater than or equal to thirty percent (30%) of the specified minimum yield strength and are located in—

A. A Class 3 or Class 4 location; or

B. A “moderate consequence area” as defined in subsection (1)(B), if the pipeline segment can accommodate inspection by means of an instrumented inline inspection tool (i.e., “smart pig”); and

C. This subsection does not apply to a pipeline segment located in a “high consequence area” as defined in 49 CFR 192.903 (incorporated in section (16)).

2. General.

A. Initial assessment. An operator must perform initial assessments in accordance with this section based on a risk-based prioritization schedule and complete initial assessment for all applicable pipeline segments no later than July 3, 2034, or as soon as practicable but not to exceed ten (10) years after the pipeline segment first meets the conditions of paragraph (13)(DD)1. (e.g., due to a change in class location or the area becomes a moderate consequence area), whichever is later.

B. Periodic reassessment. An operator must perform periodic reassessments at least once every ten (10) years, with intervals not to exceed one-hundred twenty-six (126) months, or a shorter reassessment interval based upon the type of anomaly, operational, material, and environmental conditions found on the pipeline segment, or as necessary to ensure public safety.

C. Prior assessment. An operator may use a prior assessment conducted before July 1, 2020 as an initial assessment for the pipeline segment, if the assessment met the section (16) requirements for in-line inspection at the time of the assessment. If an operator uses this prior assessment as its initial assessment,

the operator must reassess the pipeline segment according to the reassessment interval specified in subparagraph (13)(DD)2.B. calculated from the date of the prior assessment.

D. MAOP verification. An integrity assessment conducted in accordance with the requirements of paragraph (12)(U)3. for establishing MAOP may be used as an initial assessment or reassessment under this subsection.

3. Assessment method. The initial assessments and the reassessments required by paragraph (13)(DD)2. must be capable of identifying anomalies and defects associated with each of the threats to which the pipeline segment is susceptible and must be performed using one (1) or more of the following methods:

A. Internal inspection. Internal inspection tool or tools capable of detecting those threats to which the pipeline is susceptible, such as corrosion, deformation and mechanical damage (e.g., dents, gouges, and grooves), material cracking and crack-like defects (e.g., stress corrosion cracking, selective seam weld corrosion, environmentally assisted cracking, and girth weld cracks), hard spots with cracking, and any other threats to which the covered segment is susceptible. When performing an assessment using an in-line inspection tool, an operator must comply with subsection (9)(X);

B. Pressure test. Pressure test conducted in accordance with section (10). The use of section (10) pressure testing is appropriate for threats such as internal corrosion, external corrosion, and other environmentally assisted corrosion mechanisms; manufacturing and related defect threats, including defective pipe and pipe seams; and stress corrosion cracking, selective seam weld corrosion, dents and other forms of mechanical damage;

C. Spike hydrostatic pressure test. A spike hydrostatic pressure test conducted in accordance with subsection (10)(K). A spike hydrostatic pressure test is appropriate for time-dependent threats such as stress corrosion cracking; selective seam weld corrosion; manufacturing and related defects, including defective pipe and pipe seams; and other forms of defect or damage involving cracks or crack-like defects;

D. Direct examination. Excavation and in situ direct examination by means of visual examination, direct measurement, and recorded non-destructive examination results and data needed to assess all applicable threats. Based upon the threat assessed, examples of appropriate non-destructive examination methods include ultrasonic testing (UT), phased array ultrasonic testing (PAUT), Inverse Wave Field Extrapolation (IWEX), radiography, and magnetic particle inspection (MPI);

E. Guided Wave Ultrasonic Testing. Guided Wave Ultrasonic Testing (GWUT) as described in Appendix F to 49 CFR part 192 (incorporated in section (16));

F. Direct assessment. Direct assessment to address threats of external corrosion, internal corrosion, and stress corrosion cracking. The use of direct assessment to address threats of external corrosion, internal corrosion, and stress corrosion cracking is allowed only if appropriate for the threat and pipeline segment being assessed. Use of direct assessment for threats other than the threat for which the direct assessment method is suitable is not allowed. An operator must conduct the direct assessment in accordance with the requirements listed in 49 CFR 192.923 and with the applicable requirements specified in 49 CFR 192.925, 192.927, and 192.929 (incorporated in section (16)); or

G. “Other technology.” “Other technology” that an operator demonstrates can provide an equivalent understanding of the condition of the line pipe for each of the threats to which the pipeline is susceptible. An operator must notify PHMSA in advance of using the “other technology” in accordance with subsection (1)(M) (192.18).

4. Data analysis. An operator must analyze and account for the data obtained from an assessment performed under paragraph (13)(DD)3. to determine if a condition could adversely

affect the safe operation of the pipeline using personnel qualified by knowledge, training, and experience. In addition, when analyzing inline inspection data, an operator must account for uncertainties in reported results (e.g., tool tolerance, detection threshold, probability of detection, probability of identification, sizing accuracy, conservative anomaly interaction criteria, location accuracy, anomaly findings, and unity chart plots or equivalent for determining uncertainties and verifying actual tool performance) in identifying and characterizing anomalies.

5. **Discovery of condition.** Discovery of a condition occurs when an operator has adequate information about a condition to determine that the condition presents a potential threat to the integrity of the pipeline. An operator must promptly, but no later than one hundred eighty (180) days after conducting an integrity assessment, obtain sufficient information about a condition to make that determination, unless the operator demonstrates that one hundred eighty (180) days is impracticable.

6. **Remediation.** An operator must comply with the requirements in subsections (9)(S), (13)(G), and (13)(H), where applicable, if a condition that could adversely affect the safe operation of a pipeline is discovered.

7. **Analysis of information.** An operator must analyze and account for all available relevant information about a pipeline in complying with the requirements in paragraphs (13)(DD)1. through 6.

(EE) **Analysis of Predicted Failure Pressure. (192.712)**

1. **Applicability.** Whenever required by this rule, operators of steel transmission pipelines must analyze anomalies or defects to determine the predicted failure pressure at the location of the anomaly or defect, and the remaining life of the pipeline segment at the location of the anomaly or defect, in accordance with this subsection.

2. **Corrosion metal loss.** When analyzing corrosion metal loss under this section, an operator must use a suitable remaining strength calculation method including, ASME/ANSI B31G (incorporated by reference in 49 CFR 192.7 and adopted in (1)(D)); R-STRENG (incorporated by reference in 49 CFR 192.7 and adopted in (1)(D)); or an alternative equivalent method of remaining strength calculation that will provide an equally conservative result.

3. (Reserved)

4. **Cracks and crack-like defects.**

A. **Crack analysis models.** When analyzing cracks and crack-like defects under this subsection, an operator must determine predicted failure pressure, failure stress pressure, and crack growth using a technically proven fracture mechanics model appropriate to the failure mode (ductile, brittle, or both), material properties (pipe and weld properties), and boundary condition used (pressure test, ILI, or other).

B. **Analysis for crack growth and remaining life.** If the pipeline segment is susceptible to cyclic fatigue or other loading conditions that could lead to fatigue crack growth, fatigue analysis must be performed using an applicable fatigue crack growth law (for example, Paris Law) or other technically appropriate engineering methodology. For other degradation processes that can cause crack growth, appropriate engineering analysis must be used. The above methodologies must be validated by a subject matter expert to determine conservative predictions of flaw growth and remaining life at the maximum allowable operating pressure. The operator must calculate the remaining life of the pipeline by determining the amount of time required for the crack to grow to a size that would fail at maximum allowable operating pressure.

(I) When calculating crack size that would fail at MAOP, and the material toughness is not documented in traceable, verifiable, and complete records, the same Charpy v-notch toughness value established in subparagraph (13)(EE)5.B. must be used.

(II) Initial and final flaw size must be determined using a fracture mechanics model appropriate to the failure mode (ductile, brittle, or both) and boundary condition used (pressure test, ILI, or other).

(III) An operator must re-evaluate the remaining life of the pipeline before fifty percent (50%) of the remaining life calculated by this analysis has expired. The operator must determine and document if further pressure tests or use of other assessment methods are required at that time. The operator must continue to re-evaluate the remaining life of the pipeline before fifty percent (50%) of the remaining life calculated in the most recent evaluation has expired.

C. **Cracks that survive pressure testing.** For cases in which the operator does not have in-line inspection crack anomaly data and is analyzing potential crack defects that could have survived a pressure test, the operator must calculate the largest potential crack defect sizes using the methods in subparagraph (13)(EE)4.A. If pipe material toughness is not documented in traceable, verifiable, and complete records, the operator must use one (1) of the following for Charpy v-notch toughness values based upon minimum operational temperature and equivalent to a full-size specimen value:

(I) Charpy v-notch toughness values from comparable pipe with known properties of the same vintage and from the same steel and pipe manufacturer;

(II) A conservative Charpy v-notch toughness value to determine the toughness based upon the material properties verification process specified in subsection (12)(E);

(III) A full size equivalent Charpy v-notch upper-shelf toughness level of one hundred twenty (120) foot-pounds; or

(IV) Other appropriate values that an operator demonstrates can provide conservative Charpy v-notch toughness values of the crack-related conditions of the pipeline segment. Operators using an assumed Charpy v-notch toughness value must notify PHMSA in accordance with section (1)(M) (192.18).

5. **Data.** In performing the analyses of predicted or assumed anomalies or defects in accordance with this subsection, an operator must use data as follows.

A. An operator must explicitly analyze and account for uncertainties in reported assessment results (including tool tolerance, detection threshold, probability of detection, probability of identification, sizing accuracy, conservative anomaly interaction criteria, location accuracy, anomaly findings, and unity chart plots or equivalent for determining uncertainties and verifying tool performance) in identifying and characterizing the type and dimensions of anomalies or defects used in the analyses, unless the defect dimensions have been verified using in situ direct measurements.

B. The analyses performed in accordance with this subsection must utilize pipe and material properties that are documented in traceable, verifiable, and complete records. If documented data required for any analysis is not available, an operator must obtain the undocumented data through subsection (12)(E). Until documented material properties are available, the operator shall use conservative assumptions as follows:

(I) **Material toughness.** An operator must use one of the following for material toughness:

(a) Charpy v-notch toughness values from comparable pipe with known properties of the same vintage and from the same steel and pipe manufacturer;

(b) A conservative Charpy v-notch toughness value to determine the toughness based upon the ongoing material properties verification process specified in subsection (12)(E);

(c) If the pipeline segment does not have a history of reportable incidents caused by cracking or crack-like defects, maximum Charpy v-notch toughness values of 13.0 foot-pounds for body cracks and 4.0 foot-pounds for cold weld, lack of fusion, and selective seam weld corrosion defects;

(d) If the pipeline segment has a history of reportable incidents caused by cracking or crack-like defects, maximum Charpy v-notch toughness values of 5.0 foot-pounds for body cracks and 1.0 foot-pound for cold weld, lack of fusion, and selective seam weld corrosion; or

(e) Other appropriate values that an operator demonstrates can provide conservative Charpy v-notch toughness values of crack-related conditions of the pipeline segment. Operators using an assumed Charpy v-notch toughness value must notify PHMSA in advance in accordance with subsection (1)(M) (192.18) and include in the notification the bases for demonstrating that the Charpy v-notch toughness values proposed are appropriate and conservative for use in analysis of crack-related conditions;

(II) Material strength. An operator must assume one of the following for material strength:

(a) Grade A pipe (30,000 psi); or

(b) The specified minimum yield strength that is the basis for the current maximum allowable operating pressure; and

(III) Pipe dimensions and other data. Until pipe wall thickness, diameter, or other data are determined and documented in accordance with subsection (12)(E), the operator must use values upon which the current MAOP is based.

6. Review. Analyses conducted in accordance with this subsection must be reviewed and confirmed by a subject matter expert.

7. Records. An operator must keep for the life of the pipeline records of the investigations, analyses, and other actions taken in accordance with the requirements of this subsection. Records must document justifications, deviations, and determinations made for the following, as applicable:

A. The technical approach used for the analysis;

B. All data used and analyzed;

C. Pipe and weld properties;

D. Procedures used;

E. Evaluation methodology used;

F. Models used;

G. Direct in situ examination data;

H. In-line inspection tool run information evaluated, including any multiple in-line inspection tool runs;

I. Pressure test data and results;

J. In-the-ditch assessments;

K. All measurement tool, assessment, and evaluation accuracy specifications and tolerances used in technical and operational results;

L. All finite element analysis results;

M. The number of pressure cycles to failure, the equivalent number of annual pressure cycles, and the pressure cycle counting method;

N. The predicted fatigue life and predicted failure pressure from the required fatigue life models and fracture mechanics evaluation methods;

O. Safety factors used for fatigue life and/or predicted failure pressure calculations;

P. Reassessment time interval and safety factors;

Q. The date of the review;

R. Confirmation of the results by qualified technical subject matter experts; and

S. Approval by responsible operator management personnel.

(FF) Launcher and Receiver Safety. (192.750) Any launcher or receiver used after July 1, 2021, must be equipped with a device capable of safely relieving pressure in the barrel before removal or opening of the launcher or receiver barrel closure or flange and insertion or removal of in-line inspection tools, scrapers, or spheres. An operator must use a device to either: Indicate that pressure has been relieved in the barrel; or alternatively prevent opening of the barrel closure or flange when pressurized, or insertion or removal of in-line devices (e.g., inspection tools,

scrapers, or spheres), if pressure has not been relieved.

(16) Pipeline Integrity Management for Transmission Lines.

(A) As set forth in the *Code of Federal Regulations* (CFR) dated October 1, 2018/9, and the subsequent amendment 192-125 (published in *Federal Register* on October 1, 2019, page 84 FR 52180), the federal regulations in 49 CFR part 192, subpart O and in 49 CFR part 192, [appendix] appendices E and F are incorporated by reference and made a part of this rule. This rule does not incorporate any subsequent amendments to subpart O and [appendix] appendices E and F to 49 CFR part 192.

(B) The *Code of Federal Regulations* and the *Federal Register* are published by the Office of the Federal Register, National Archives and Records Administration, 8601 Adelphi Road, College Park, MD 20740-6001. The October 1, 2018/9 version of 49 CFR part 192 is available at [www.gpo.gov/fdsys/search/showcitation.action] https://www.govinfo.gov/#citation. The *Federal Register* publication on page 84 FR 52180 is available at https://www.govinfo.gov/content/pkg/FR-2019-10-01/pdf/2019-20306.pdf.

(C) Subpart O and [appendix] appendices E and F to 49 CFR part 192 contain the federal regulations regarding pipeline integrity management for transmission lines. Subpart O includes sections 192.901 through 192.951. Information regarding subpart O is available at http://primis.phmsa.dot.gov/gasimp.

(F) For the purposes of this section, the following substitutions should be made for certain references in the federal pipeline safety regulations that are incorporated by reference in subsection (16)(A).

1. [In 49 CFR 192.909(b), 192.921(a)(4), and 192.937(c)(4), the references to “a State or local pipeline safety authority when either a covered segment is located in a State where OPS has an interstate agent agreement, or an intrastate covered segment is regulated by that State” should refer to “designated commission personnel” instead.] (Reserved)

2. In 49 CFR 192.917(e)(5), the reference to “part 192” should refer to “20 CSR 4240-40.030” instead.

3. In 49 CFR 192.921(a)(2) and 192.937(c)(2), the references to “subpart J of this part” should refer to “20 CSR 4240-40.030(10)” instead.

4. [In 49 CFR 192.933(a)(1) and (2), the references to “a State pipeline safety authority when either a covered segment is located in a State where PHMSA has an interstate agent agreement, or an intrastate covered segment is regulated by that State” should refer to “designated commission personnel” instead.] (Reserved)

5. In 49 CFR 192.935(b)(1)(ii), the reference to “an incident under part 191” should refer to “a federal incident under 20 CSR 4240-40.020” instead.

6. In 49 CFR 192.935(d)(2), the reference to “section 192.705” should refer to “20 CSR 4240-40.030(13)(C)” instead.

7. In 49 CFR 192.941(b)(2)(i), the reference to “section 192.706” should refer to “20 CSR 4240-40.030(13)(D)” instead.

8. In 49 CFR 192.945(a), the reference to “section 191.17 of this subchapter” should refer to “20 CSR 4240-40.020(10)” instead.

9. In 49 CFR 192.947(i), the reference to “a State authority with which OPS has an interstate agent agreement, and a State or local pipeline safety authority that regulates a covered pipeline segment within that State” should refer to “designated commission personnel” instead.

10. In 49 CFR 192.951, the reference to “section 191.7 of this subchapter” should refer to “20 CSR 4240-40.020(5)(A)” instead.

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AUTHORITY: sections 386.250, 386.310, and 393.140, RSMo 2016. This rule originally filed as 4 CSR 240-40.030. Original rule filed Feb. 23, 1968, effective March 14, 1968. For intervening history, please consult the Code of State Regulations. Amended: Filed June 29, 2021.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to the proposed amendment with the Missouri Public Service Commission, 200 Madison Street, PO Box 360, Jefferson City MO 65102-0360. To be considered, comments must be received no later than September 1, 2021, and should include a reference to Commission Case No. GX-2021-0406. Comments may also be submitted via a filing using the commission's electronic filing and information system at <http://www.psc.mo.gov/efis.asp>. A public hearing is scheduled for 10:00 a.m., September 7, 2021, in Room 310 of the Governor Office Building, 200 Madison St., Jefferson City, Missouri. Interested persons may appear at this hearing to submit additional comments and/or testimony in support of or in opposition to this proposed amendment, and may be asked to respond to commission questions.

SPECIAL NEEDS: Any persons with special needs as addressed by the Americans with Disabilities Act should contact the Missouri Public Service Commission at least ten (10) days prior to the hearing at one (1) of the following numbers: Consumer Services Hotline 1-800-392-4211 or TDD Hotline 1-800-829-7541.

**Title 20—DEPARTMENT OF COMMERCE AND INSURANCE
Division 4240—Public Service Commission
Chapter 40—Gas Utilities and Gas Safety Standards**

PROPOSED AMENDMENT

20 CSR 4240-40.080 Drug and Alcohol Testing. The Commission is amending section (1) of this rule.

PURPOSE: This amendment modifies the rule to incorporate by reference the most recent version of 49 CFR parts 40 and 199.

(1) As set forth in the Code of Federal Regulations (CFR) dated

October 1, 2018/9, [and the subsequent amendment published on April 23, 2019 (published in Federal Register on April 23, 2019, page 84 FR 16770),] 49 CFR parts 40 and 199 are incorporated by reference and made a part of this rule. This rule does not incorporate any subsequent amendments to 49 CFR parts 40 and 199. The *Code of Federal Regulations* is published by the Office of the Federal Register, National Archives and Records Administration, 8601 Adelphi Road, College Park, MD 20740-6001. The October 1, 2018/9, version of 49 CFR parts 40 and 199 [and the Federal Register publication on page 84 FR 16770 are] is available at <https://www.govinfo.gov/#citation>.

AUTHORITY: sections 386.250, 386.310, and 393.140, RSMo 2016. This rule originally filed as 4 CSR 240-40.080. Original rule filed Nov. 29, 1989, effective April 2, 1990. For intervening history, please consult the *Code of State Regulations*. Amended: Filed June 29, 2021.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to the proposed amendment with the Missouri Public Service Commission, 200 Madison Street, PO Box 360, Jefferson City MO 65102-0360. To be considered, comments must be received no later than September 1, 2021, and should include a reference to Commission Case No. GX-2021-0406. Comments may also be submitted via a filing using the commission's electronic filing and information system at <http://www.psc.mo.gov/efis.asp>. A public hearing is scheduled for 10:00 a.m., September 7, 2021, in Room 310 of the Governor Office Building, 200 Madison St., Jefferson City, Missouri. Interested persons may appear at this hearing to submit additional comments and/or testimony in support of or in opposition to this proposed amendment, and may be asked to respond to commission questions.

SPECIAL NEEDS: Any persons with special needs as addressed by the Americans with Disabilities Act should contact the Missouri Public Service Commission at least ten (10) days prior to the hearing at one (1) of the following numbers: Consumer Services Hotline 1-800-392-4211 or TDD Hotline 1-800-829-7541.

This section will contain the final text of the rules proposed by agencies. The order of rulemaking is required to contain a citation to the legal authority upon which the order of rulemaking is based; reference to the date and page or pages where the notice of proposed rulemaking was published in the *Missouri Register*; an explanation of any change between the text of the rule as contained in the notice of proposed rulemaking and the text of the rule as finally adopted, together with the reason for any such change; and the full text of any section or subsection of the rule as adopted which has been changed from that contained in the notice of proposed rulemaking. The effective date of the rule shall be not less than thirty (30) days after the date of publication of the revision to the *Code of State Regulations*.

The agency is also required to make a brief summary of the general nature and extent of comments submitted in support of or opposition to the proposed rule and a concise summary of the testimony presented at the hearing, if any, held in connection with the rulemaking, together with a concise summary of the agency's findings with respect to the merits of any such testimony or comments which are opposed in whole or in part to the proposed rule. The ninety-(90-) day period during which an agency shall file its Order of Rulemaking for publication in the *Missouri Register* begins either: 1) after the hearing on the Proposed Rulemaking is held; or 2) at the end of the time for submission of comments to the agency. During this period, the agency shall file with the secretary of state the order of rulemaking, either putting the proposed rule into effect, with or without further changes, or withdrawing the proposed rule.

Title 10—DEPARTMENT OF NATURAL RESOURCES Division 20—Clean Water Commission Chapter 8—Minimum Design Standards

ORDER OF RULEMAKING

By the authority vested in the Clean Water Commission under sections 536.023(3) and 644.026, RSMo 2016, the commission amends a rule as follows:

10 CSR 20-8.300 Design of Concentrated Animal Feeding Operations is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on February 16, 2021 (46 MoReg 318-321). No changes have been made in the text of the proposed amendment, so it is not reprinted here. The proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: A public hearing on the proposed amendment was held March 18, 2021, and the public comment period ended March 25, 2021. At the public hearing department staff explained the proposed amendment. Seventeen (17) individuals commented during the public hearing. The Department of Natural Resources received over eight hundred sixty (860) comments. For a complete list of the commenters please contact the Department of Natural Resources, Water Protection Program, PO Box 176, Jefferson City, MO 65102-0176.

PURPOSE OF THIS RULEMAKING

The rule amendment corrects an error by the Department of Natural

Resources (department) that resulted in the inadvertent removal of regulatory definitions relevant to the design standards of wastewater management and containment structures for concentrated animal feeding operations (CAFOs).

In 2018, the department amended 10 CSR 20-8.300 with the intent of moving the design-standards definitions from 10 CSR 20-8.300 to the definitions regulation, 10 CSR 20-2.010. During that rulemaking, the design-standards definitions were removed from 10 CSR 20-8.300, but due to department error the design-standards definitions were not added to 10 CSR 20-2.010, as they should have been.

This rule amendment corrects the department's error by reinstating the prior definitions in their original location in 10 CSR 20-8.300. In contrast to the 2018 rulemaking wherein the department intended to move these definitions to the general definitions rule at 10 CSR 20-2.010, the department has since determined that their reinstatement in 10 CSR 20-8.300 is the most appropriate location. Given the specialized nature of the definitions in question, it is clearer and more efficient to place them in close proximity to the design standards to which they apply.

This rule amendment clarifies that the design-standards definitions still apply and locates those definitions within the rule to which they apply.

GENERAL RESPONSE TO COMMENTS CONCERNING ENVIRONMENTAL IMPACTS TO GROUNDWATER

Many commenters have expressed concern that the proposed amendment's exclusion of perched water from the definition of groundwater table would constitute authorization to pollute shallow groundwater. Commenters point to other environmental regulations that do not have this exclusion, and conclude that the CAFO design rule would give CAFO facilities a unique permission to ignore protections for perched-water quality that are required of other facilities. Understandably, these commenters are concerned that this would lead to unacceptable risk to groundwater resources.

These concerns for the protection of groundwater resources, although consistent with the department's mission to protect waters of the state and our regulatory structure, represent a misunderstanding of the intent and impact of this rule. Regardless of this rule amendment, CAFOs will continue to be required to meet the general water-quality criteria set forth in 10 CSR 20-7.031(4). These criteria apply to all waters of the state at all times, including perched water. The definition of waters of the state in section 644.016(27), RSMo, includes all bodies of surface and subsurface water that are not entirely confined on one property. Nothing in 10 CSR 20-8.300 or this rule amendment would authorize discharge of pollutants or water contaminants from regulated CAFO facilities to waters of the state. This rule amendment is no less stringent than the other environmental rules cited by commenters with regard to groundwater protection standards, including perched water. This rule amendment does not affect the no-discharge standard applicable to these facilities, which is the most stringent standard possible.

10 CSR 20-8.300 is an engineering rule. The definitions it contains are for engineering-design purposes, not water quality. The perched-water exclusion allows engineers to properly design and construct CAFO structures in a manner that prevents potential structural problems, including those associated with perched water. Other department rules governing design of wastewater treatment structures achieve this same purpose for structures sited in zones of perched water, although the rules are structured in different ways. For example, design standards for wastewater-treatment lagoons in 10 CSR 20-8.200 have no reference to distance between the bottom of the lagoon and the water table but have strict permeability requirements for the liner to ensure avoid seepage loss. This amendment does not grant CAFO structures any special or unique privilege with respect to protection of waters of the state.

SPECIFIC COMMENTS AND DEPARTMENT RESPONSES

Many of the comments received were the same or similar in nature. In this section, the department has consolidated the specific public comments that were similar, summarized all comments, and responded to all comments.

A number of comments were outside the scope of the rule amendment. Of those, many were also outside the jurisdiction of the Clean Water Law. With respect to those potentially within the jurisdiction of the Clean Water Law, however, the department notes that Chapter 536, RSMo, outlines the process for petitioning the Clean Water Commission to undertake a rulemaking.

COMMENT #1: Commenters from the Sierra Club, their membership, and the public raised concerns regarding the department's proposal to eliminate perched water from the definition of groundwater table and that it is being done for economic considerations.

RESPONSE: See Purpose of This Rulemaking, above. The proposed amendment restores definitions inadvertently deleted by the department during a 2018 rulemaking. The department did not intend to change the definitions in 2018 and is merely restoring them now for clarity and functionality of the rule. Accordingly, there is no economic impact.

The exclusion of perched water from the definition of groundwater table was established in prior rulemakings because perched water can be mitigated by common engineering-design components and construction activities. Processes that can mitigate perched water include such methods as installing subsurface tiling or placing aggregate to aid in moving perched water away from structures. Properly designed and installed facilities offer protection to all groundwater resources, including any perched water.

CAFOs are subject to water-quality criteria. See General Response, above.

No changes have been made to the amendment as a result of this comment.

COMMENT #2: Jeanne Clauson, Jo Schaper, Jan Newcomb, and others made comments voicing concern that this rule amendment will lessen rules regarding CAFOs.

RESPONSE: The original 10 CSR 20-8.300 definitions were established in 2012. Although the definitions were inadvertently deleted during the 2018 rulemaking, there were no changes in intent or practice regarding these definitions. See Purpose of This Rulemaking, above. Restoring the definitions will maintain the status quo.

No changes have been made to the amendment as a result of this comment.

COMMENT #3: Comments were received from the Sierra Club, their membership, and the public that a definition of groundwater table that excludes perched water will allow contamination of groundwater from concentrated animal feeding operations and impact aquifers, drinking water wells, and surface water. Moniteau County Neighbors Alliance commented contaminants leaking out of a containment structure into perched water have the potential to enter larger groundwater sources. Others commented that the department is allowing corporations and CAFOs to knowingly pollute the waters that we all share.

RESPONSE: As noted in the General Response, this amendment does not authorize discharge of pollutants or water contaminants to waters of the State, including groundwater and perched water. 10 CSR 20-6.300 and 10 CSR 20-8.300 require wastewater systems at CAFOs to be designed, constructed, operated, and maintained as no-discharge facilities to protect all waters of the state, including perched water. The no-discharge requirement is the most restrictive effluent limitation that can be required of a permitted facility and meets water-quality criteria.

Section 644.051.3, RSMo, requires a Professional Engineer registered in Missouri (P.E.) design CAFO wastewater-containment struc-

tures in accordance with the Clean Water Commission's CAFO design rules and construct them according to those design plans. The exclusion of perched water from the definition of groundwater table recognizes that design engineers must consider the impacts to permanent, large groundwater tables in a different manner than transient, perched water present in the soil.

No changes have been made to the amendment as a result of this comment.

COMMENT #4: Comments were received from the Sierra Club, their membership, and the public questioning the lawful reason to justify the distinction to exclude perched water from the definition of groundwater table in regards to CAFOs, while also including perched water in the definition at all other wastewater treatment facilities.

RESPONSE: As noted in the General Response, the definition of groundwater table in the proposed amendment is for engineering purposes only. This rule amendment is authorized by section 640.710, RSMo, which grants the department authority to promulgate rules regulating the establishment, permitting, design, construction, operation, and management of Class I CAFO facilities. The same statute provides that "[s]uch rules and regulations shall be designed to afford a prudent degree of environmental protection while accommodating modern agricultural practices." As noted in the General Response and consistent with section 640.710, RSMo, the proposed amendment allows engineers to properly design and construct CAFO structures and mitigate any potential structural problems associated with perched water with engineered drainage systems that direct groundwater away from the structure as a standard construction practice.

Perched water is addressed in the design of all regulated wastewater systems, whether or not associated with a CAFO and whether or not there is a definition for groundwater table in the applicable rule(s).¹ The presence of perched water and depth to groundwater table, as well as other geohydrologic factors, are necessary considerations in the design of all wastewater systems. See 10 CSR 20-8.110(5)(E)6. In addition, section 644.051.3, RSMo, requires a P.E. design all wastewater systems, CAFO and non-CAFO. All P.E.s are subject to a Code of Professional Conduct promulgated in 20 CSR 2030-2.010, pursuant to which a P.E.'s primary obligation is protecting the safety, health, property, or welfare of the public. P.E.s are authorized to provide engineering services only in the specific technical area for which they are qualified. Qualified P.E.s understand that the presence of perched water and other geohydrologic factors should be evaluated during the design process and, where present, can be mitigated as part of the structural design and construction. As a result, the design of all wastewater structures considers and accounts for perched water.

No changes have been made to the amendment as a result of this comment.

COMMENT #5: Comments were received voicing concern that the proposed revision to the definitions stems from the desire of the regulatory agency to eliminate perched water bodies from consideration of potential environmental impacts.

RESPONSE: See Purpose of This Rulemaking, above.

As noted in the General Response, this amendment does not authorize discharge of pollutants or water contaminants to waters of the state, including groundwater and perched water. 10 CSR 20-6.300 and 10 CSR 20-8.300 require wastewater systems at CAFOs to be designed, constructed, operated, and maintained as no-discharge facilities to protect all waters of the state, including perched water. The no-discharge requirement is the most restrictive effluent limitation that can be required of a permitted facility and meets water-quality criteria.

Permits require owners and operators of CAFOs to install engineering controls to protect the integrity of Missouri's groundwater resources. 10 CSR 20-8 sets the minimum design standards to which all wastewater systems must be constructed. Section 644.051.3, RSMo, requires a P.E. design CAFOs in accordance with the Clean

Water Commission's CAFO design rules and construct them according to those design plans. The exclusion of perched water from the definition of groundwater table recognizes that qualified professional engineers understand that the presence of perched water and other geohydrologic factors should be evaluated during the design process and, where present, can be mitigated as part of the structural design and construction. As a result, the design of all wastewater structures considers and accounts for perched water. Properly designed and installed facilities offer protection to all groundwater resources, including any perched water.

The restoration of the groundwater-table definition in this rule amendment, which includes an exclusion of perched water, does not increase the potential for environmental impacts.

No changes have been made to the amendment as a result of this comment.

COMMENT #6: Comments were received from the Sierra Club, their membership, and the public that this rule change is being done to provide a direct benefit to a private applicant (United Hog Systems) that has a permit application pending before the department.

RESPONSE: See Purpose of This Rulemaking, above. The purpose of this rule amendment is to fix the department's error in inadvertently deleting the applicable definitions instead of moving them as intended. The only connection between this rulemaking and United Hog Systems is that the department was not aware of the error until it was pointed out during a recent appeal of a CAFO permit affiliated with United Hog Systems.

The rule amendment was not designed to provide, nor does it provide, a direct benefit to a private applicant. At no point since their initial promulgation in 2012 did the department intend to change the definitions of the design standards, whether before or after United Hog Systems applied for a CAFO permit. This rule applies equally to the design and construction of all CAFOs in Missouri.

No changes have been made to the amendment as a result of this comment.

COMMENT #7: Ashlen Busick, Socially Responsible Agriculture Project, and others commented that excluding perched water from the definition of groundwater table and from further consideration in the rule is not protective of groundwater quality. Comments were made that changing the definitions does not change the problem perched water presents.

RESPONSE: As noted in the General Response, this amendment does not authorize discharge of pollutants or water contaminants to waters of the state, including groundwater and perched water. 10 CSR 20-6.300 and 10 CSR 20-8.300 require wastewater systems at CAFOs to be designed, constructed, operated, and maintained as no-discharge facilities to protect all waters of the state, including perched water. The no-discharge requirement is the most restrictive effluent limitation that can be required of a permitted facility and meets water-quality criteria.

The proposed definition is located in the minimum design-standards rule and is used to design and establish a separation distance between the groundwater table and the bottom of CAFO wastewater-containment structures. Perched water can be effectively mitigated by standard engineering-design components such as tiling and placement of aggregate around the perimeter of containment structures. CAFO operating permits require the installation of engineering controls sufficient to prevent discharges to surface or subsurface water. As noted previously, section 644.051.3, RSMo, requires a P.E. design CAFOs in accordance with the Clean Water Commission's CAFO design rules and construct them according to those design plans. Properly designed and installed facilities protect all groundwater resources, including any perched water.

CAFOs are subject to groundwater protection standards. See General Response, above.

No changes have been made as a result of this comment.

COMMENT #8: Deborah Walker commented, "The original regulations of SB391 was to protect our groundwater. Changing this definition could be dangerous to our environment and to people's lives."

RESPONSE: Senate Bill 391 did not change design and construction requirements, nor did it change groundwater-protection standards. Senate Bill 391 changed four (4) statutes and added one (1) new statute. It created a new legislative committee and established land-application requirements for third-party recipients of CAFO liquid waste. It also changed how local codes and ordinances may be imposed, the CAFO Fund usage, and neighbor-notification requirements for CAFO operating-permit applicants. None of these changes pertain to the department's design standards for CAFOs or this rule-making.

No changes have been made to the amendment as a result of this comment.

COMMENT #9: Stephen Jeffery, representing Poosey Neighbors United, LLC, a citizens group in Livingston County, and Dr. Robert Criss, commented that the proposed amendment will accelerate the misuse, degradation, and contamination of the waters of Missouri.

RESPONSE: This rule amendment does not contribute to any misuse, degradation, or contamination of waters of the state. As noted in the General Response, this amendment does not authorize discharge of pollutants or water contaminants to waters of the state, including groundwater and perched water. CAFO permits require the installation of engineering controls to protect the integrity of Missouri's groundwater resources. As noted previously, section 644.051.3, RSMo, requires a P.E. design CAFOs in accordance with the Clean Water Commission's CAFO design rules and construct them according to those design plans. 10 CSR 20-6.300 and 10 CSR 20-8.300 require CAFO wastewater systems to be designed, constructed, operated, and maintained as no-discharge facilities for the protection of groundwater and surface water. The no-discharge requirement is the most restrictive effluent limitation that can be required of a permitted facility and meets Water Quality Standards. Properly designed and installed facilities offer protection to all groundwater resources, including any perched water.

No changes have been made to the amendment as a result of this comment.

COMMENT #10: Stephen Jeffery representing Poosey Neighbors United, LLC, a citizens group in Livingston County, questioned the source of the proposed definitions.

RESPONSE: The source of the restored definitions is the definitions as they existed in rule prior to the 2018 rulemaking. The original definitions, promulgated in 2012, resulted from recommendations provided by an Inter-Agency Workgroup on Manure Storage Design Regulations. The members of the Workgroup, along with their job titles at the time, were:

- Troy Chockley, P.E., Environmental Engineer for the U.S. Department of Agriculture's Natural Resources Conservation Service, Former Animal Waste Unit Chief for the Missouri Department of Natural Resources, Water Pollution Control;
 - Barbara Li, P.E., Environmental Engineer for the Agricultural Unit of the Water Protection Program within the Division of Environmental Quality, Missouri Department of Natural Resources;
 - Teng Teeh Lim, Ph.D., P.E., Assistant Professor, Extension Agricultural Engineer, Commercial Agriculture Program and Agricultural Systems Management, University of Missouri;
 - Darrick Steen, P.E., Agricultural Unit Chief for the Agricultural Unit of the Water Protection Program within the Division of Environmental Quality, Missouri Department of Natural Resources; and
 - Joe Zulovich, Ph.D., P.E., Assistant Professor, Extension Agricultural Engineer, Commercial Agriculture Program and Agricultural Systems Management, University of Missouri.
- The Workgroup met seven (7) times in 2010 to develop design standards for manure storage facilities, including definitions for design

requirements. The Workgroup's recommendations provided the basis for the 2012 rulemaking that established the original minimum design standards and definitions. That rulemaking followed the public notice-and-comment period process and was then adopted by the Clean Water Commission and codified in rule.

No changes have been made to the amendment as a result of this comment.

COMMENT #11: Stephen Jeffery representing Poosey Neighbors United, LLC, John Bognar, R.G., and Matthew Rhoades, CPC, RG, on behalf of the American Institute of Professional Geologists-Missouri Section, suggested any changes to this rule should involve the participation of groundwater scientists, environmental scientists, and other stakeholders.

RESPONSE: During this rulemaking process, the department held a stakeholder discussion and a hearing which included participation by scientists, geologists, and engineers of a variety of environmental disciplines. Other interested stakeholders and the public also participated in the rule proceedings.

No changes have been made to the amendment as a result of this comment.

COMMENT #12: Robert J. Brundage, on behalf of the Missouri Pork Association and Missouri Cattlemen's Association, Missouri Corn Grower Association, Missouri Soybean Association, Don Nikodim, Executive Director for the Missouri Pork Association, Adam Dohrman, Scott Hayes, and Gary Tomkins commented that reinstating the definitions is necessary to provide clarity and certainty to CAFO owners and design engineers who wish to design and construct CAFOs.

RESPONSE: The purpose of the rule amendment is to reestablish clarity and functionality of the rule. See Purpose of This Rulemaking, above.

No changes have been made to the amendment as a result of this comment.

COMMENT #13: Robert J. Brundage, on behalf of the Missouri Pork Association and Missouri Cattlemen's Association commented that the proposed definition of groundwater only applies to the design of CAFOs.

RESPONSE: The commenter is correct that the definitions in this rule amendment apply only to the design and construction of CAFOs.

No changes have been made to the amendment as a result of this comment.

COMMENT #14: Robert J. Brundage, on behalf of the Missouri Pork Association and Missouri Cattlemen's Association commented that the entire time that definitions were in the rule, there were no complaints about the definition.

RESPONSE: The definitions in this rule amendment were part of the rule from 2012 to 2018. Department staff do not recall receiving complaints or concerns about these definitions during that time.

No changes have been made to the amendment as a result of this comment.

COMMENT #15: Don Nikodim, Executive Director for the Missouri Pork Association commented that perched water, if found, is normally mitigated with engineered drainage systems and this is standard procedure for a variety of construction projects.

RESPONSE: The presence of perched water in the soils and other geohydrologic factors are necessary considerations in the design of many types of structures, including CAFO wastewater structures.

No changes have been made to the amendment as a result of this comment.

COMMENT #16: Comments were received asking how testing is conducted to document that contamination is not entering groundwa-

ter from CAFOs.

RESPONSE: For Class-IA (i.e., the largest) CAFOs located in hydrologically sensitive areas, the department may require groundwater monitoring.

For all CAFOs that require operating permits, CAFO operators must inspect their operation regularly to proactively identify potential maintenance issues before unauthorized discharges might arise. Records of these inspections must be kept and any deficiencies found during these inspections must be noted and corrected as soon as possible. An unauthorized discharge is a violation subject to compliance and enforcement actions. CAFOs must report any discharges to the department within twenty-four (24) hours of becoming aware of the discharge. In addition, citizens may also contact the appropriate Department Regional Office to report an environmental concern. The department investigates all reported environmental concerns.

No changes have been made to the amendment as a result of this comment.

COMMENT #17: Comments were received that manure storage systems are not infallible; when something goes awry with a structure responsible for containing thousands or millions of gallons of highly concentrated manure, the consequences can be disastrous. Groundwater needs to be protected in the event of failure. Moniteau County Neighbors Alliance quoted a study conducted by EPA that found there was at least some seepage in all of the waste lining materials tested.

RESPONSE: The purpose and scope of this rule amendment are to restore definitions inadvertently deleted in 2018. See Purpose of This Rulemaking, above. The re-establishment of the groundwater table definition, which includes an exclusion of perched water, does not increase the potential for structure failure or environmental impacts therefrom as suggested by the comments. In the unlikely event of structure failure, the owner/operator of the CAFO is responsible for taking appropriate action to mitigate any harm to human health or the environment.

The study referenced by the Moniteau County Neighbors Alliance is actually a technical guidance document from 1978, titled "EPA Wastewater Stabilization Pond Linings," 832R78013. This guidance document addresses the design, construction, and maintenance of well-sealed wastewater lagoons and the factors that affect the performance of different linings. Regardless of the quoted study, 10 CSR 20-6.300 and 10 CSR 20-8.300 require CAFO wastewater systems to be designed, constructed, operated, and maintained as no-discharge facilities for the protection of groundwater and surface water. It is unclear if the guidance document evaluated structures subject to state requirements to be designed, constructed, and operated not to discharge.

No changes have been made to the amendment as a result of this comment.

COMMENT #18: Comments were received that it is less expensive to prevent pollution than to attempt to mitigate pollution.

RESPONSE: The department's rules are designed to prevent pollution by implementing minimum design standards and operational requirements for CAFOs. See 10 CSR 20-8.300. CAFO permits do not allow discharges of pollutants and require the installation of engineering controls to prevent discharges and protect the integrity of Missouri's waters of the state. As noted previously, section 644.051.3, RSMo, requires a P.E. design CAFOs in accordance with the Clean Water Commission's CAFO design rules and construct them according to those design plans. 10 CSR 20-6.300 and 10 CSR 20-8.300 require CAFO wastewater systems to be designed, constructed, operated, and maintained as no-discharge facilities for the protection of groundwater and surface water. Properly designed and installed facilities protect all groundwater resources, including any perched groundwater. The no-discharge requirement is the most

restrictive effluent limitation that can be required of a permitted facility and meets water-quality criteria.

No changes have been made to the amendment as a result of this comment.

COMMENTS #19: Comments were made that a thorough hydrogeologic analysis of each proposed CAFO site should be required.

RESPONSE: This comment is outside the scope of the rule amendment. See Purpose of This Rulemaking, above.

No changes have been made to the amendment as a result of this comment.

COMMENT #20: Ashlen Busick, Regional Representative for the Socially Responsible Agriculture Project, commented that reinstating the definitions as they were five (5) years ago is not protective of groundwater quality because the Red Tape Reduction process has significantly stripped the rule. The 2016 version had a requirement for the applicant and engineer to provide references for the construction design and not simply say per published guidelines.

RESPONSE: This comment appears to be referring to provisions of a 2016 rule that are not part of the 2018 rule that is hereby amended nor within the scope of the subject matter of this rule amendment. The department notes, however, that it addressed the subject matter of this comment in the 2018 rulemaking, which contains the department's conclusion that a requirement for a P.E. to provide references for the construction design would be overly burdensome and unnecessary for the protection of human health and the environment. The department also notes the definitions restored by this rulemaking were part of the rule as recently as three (3) years ago, in 2018.

No changes have been made to the amendment as a result of this comment.

COMMENT #21: Ashlen Busick, Regional Representative for the Socially Responsible Agriculture Project, commented that reinstating the definitions as they were five (5) years ago is not protective of groundwater quality because the Red Tape Reduction process has significantly stripped the rule. The 2016 rule amendment eliminated the ability for the Missouri Geological Survey to make a determination that groundwater monitoring is necessary.

RESPONSE: This comment appears to be referring to provisions of a 2016 rule that are not part of the 2018 rule that is hereby amended nor within the scope of the subject matter of this rule amendment. The department notes, however, that neither the 2018 rule nor the current rule amendment affect the department's authority to obtain a site-specific determination from the Missouri Geological Survey (a division within the department) regarding when a CAFO facility is proposed to be located in a hydrologically sensitive area where groundwater may be compromised.

No changes have been made to the amendment as a result of this comment.

COMMENT #22: Ashlen Busick, Regional Representative for the Socially Responsible Agriculture Project commented that when literature and regulation across the country, including other Missouri regulation, recognize the importance of perched water, it causes us to question the technical merits of this proposed groundwater-table definition.

RESPONSE: Missouri statutes and rules reflect that perched water is important. The department's rules, including its CAFO rules, address and protect the quality of perched water. As noted in the General Response, this amendment does not authorize the discharge of pollutants or water contaminants to waters of the state, including groundwater and perched water.

Also noted in the General Response, this rule is an engineering rule and not a water-quality rule. The exclusion of perched water from the definition of groundwater table is for engineering purposes only, not for regulation of water quality. See also Response to Comment #10 for additional information regarding the Inter-Agency

Workgroup on Manure Storage Design Regulations and its recommendations, which provided the basis for the 2012 rulemaking that established the original minimum design standards and definitions.

No changes have been made to the amendment as a result of this comment.

COMMENT #23: Ashlen Busick, Regional Representative for the Socially Responsible Agriculture Project, commented that reinstating the definitions as they were five (5) years ago is not protective of groundwater quality because the Red Tape Reduction process has significantly stripped the rule. The 2016 version for Construction of Tanks and Pits required the floor of the below-ground storage tanks be two feet (2') above the groundwater table unless curtain drains or interception drains are installed around the perimeter of the structure to permanently lower the water table.

RESPONSE: This comment is outside the scope of the rule amendment. See Purpose of This Rulemaking, above. The department notes, however, the provision to lower the groundwater table by installing curtain drains or perimeter drains (previously in 10 CSR 20-8.300(6), Construction of Tanks and Pits) was removed during the 2018 rulemaking because not all tanks and pits need curtain drains or perimeter drains to prevent discharges, and therefore the requirement was overly burdensome. Other provisions of 10 CSR 20-8.300 requiring that CAFO wastewater systems be designed by P.E.s and constructed, operated, and maintained as no-discharge facilities result in curtain drains and perimeter drains being installed where necessary to achieve no-discharge tanks and pits.

No changes have been made to the amendment as a result of this comment.

COMMENT #24: Joan Read, private citizen, commented that municipalities are monitored closely and it doesn't make sense for the business of CAFOs to not be monitored in the same way in relation to perched water.

RESPONSE: Municipally owned wastewater-treatment facilities and CAFO wastewater facilities have different requirements based on differences in their facility types. Municipal facilities can be designed, constructed, operated, and maintained as discharging facilities and have water-quality monitoring requirements, effluent limitations, and associated requirements. Conversely, CAFOs are prohibited from discharging pollutants or water contaminants to waters of the state, including groundwater and perched water. 10 CSR 20-6.300 and 10 CSR 20-8.300 require wastewater systems at CAFOs be designed, constructed, operated, and maintained as no-discharge facilities to protect all waters of the state. The no-discharge requirement is the most restrictive effluent limitation that can be required of a permitted facility and meets water-quality criteria. CAFO permits require weekly inspections, retention of inspection records, and submittal of an annual report.

No changes have been made to the amendment as a result of this comment.

COMMENT #25: Matthew J. Rhoades, CPG, RG, American Institute of Professional Geologists-Missouri Section commented that the cost of conducting a geohydrological assessment of potential groundwater, whether as a perched aquifer or unconfined regional aquifer or both, would be significantly less than the potential cost for environmental cleanups associated with any leaks to the aquifers.

RESPONSE: Discharges by a CAFO to any waters of the state—whether surface water, perched water, or groundwater—are prohibited. All CAFOs in Missouri must be designed to prevent discharges. Engineering practices can mitigate the structural challenges presented by the presence of perched water by such methods as installing sub-surface tiling or placing aggregate to aid in moving perched water away from structures. The professional design engineer incorporates these practices in the design of CAFO wastewater systems as necessary.

No changes have been made to the amendment as a result of this comment.

COMMENT #26: Christine Ball-Blakely, representing the Animal Legal Defense Fund, commented that the proposed amendment in its current form would violate the Missouri Administrative Procedure Act because the proposed amendment disregards the substantial body of evidence showing that CAFOs endanger rural communities, wildlife, and ecosystems.

RESPONSE: See Purpose of This Rulemaking, above.

As noted in the General Response, this amendment would not authorize the discharge of pollutants or water contaminants to waters of the state, including groundwater and perched water. This rule amendment has no effect on any discharges from CAFOs, which would constitute unauthorized discharges in violation of the Clean Water Law.

The requirements for CAFO permitting in Missouri are established by statute (see, for example, sections 640.715 and 644.051, RSMo) and 10 CSR 20-6.300. Missouri law requires that CAFOs be designed and constructed to be no-discharge facilities that are protective of human health and the environment.

No changes have been made to the amendment as a result of this comment.

COMMENT #27: Christine Ball-Blakely, representing the Animal Legal Defense Fund, commented that the proposed amendment in its current form would violate the Missouri Administrative Procedure Act because the department and the Clean Water Commission lack statutory authority to promulgate the proposed amendment. Nothing in 644.026 [sic] RSMo authorizes the Clean Water Commission to abnegate its obligation to protect water resources.

RESPONSE: In addition to the Clean Water Law, Chapter 644, RSMo, the authority of the department and the Clean Water Commission to regulate CAFOs derives from the Hog Bill, sections 640.700 to 640.755, RSMo. Section 640.710, RSMo, grants the department authority to promulgate rules regulating the establishment, permitting, design, construction, operation, and management of Class-I CAFO facilities. The same statute provides that: “[s]uch rules and regulations shall be designed to afford a prudent degree of environmental protection while accommodating modern agricultural practices.”

The rule amendment is consistent with these authorities, including section 644.026, RSMo, and protects waters of the state. The amendment is part of a set of regulatory standards that require engineers to properly design and construct CAFO wastewater-storage structures to prevent discharges. This includes standard construction practices such as installing subsurface tiling or placing aggregate to aid in moving perched water away from structures. This rule amendment also is consistent with 10 CSR 20-6.300 and 10 CSR 20-8.300, which require CAFO wastewater systems be designed, constructed, operated, and maintained as no-discharge facilities. 10 CSR 20-7.031(4) protects water quality and applies to all waters of the state at all times, including perched water.

No changes have been made to the amendment as a result of this comment.

COMMENT #28: Christine Ball-Blakely, representing the Animal Legal Defense Fund, commented that the proposed amendment in its current form would violate the Missouri Administrative Procedure Act because the proposed amendment conflicts with the Missouri Clean Water Law, on the basis that groundwater is a water of the state and the statutory stormwater discharge exemption does not apply when discharges have entered waters of the state and rendered such waters harmful.

RESPONSE: As noted in the General Response, these concerns represent a misunderstanding of the intent and impact of the rule amendment. CAFOs will continue to be required to meet the general water-

quality criteria set forth in 10 CSR 20-7.031(4), which apply to all waters of the state at all times, including perched water. Section 644.016(27), RSMo, defines waters of the state to include all bodies of surface and subsurface water that are not entirely confined on one property. This amendment does not authorize discharge of pollutants or water contaminants to waters of the state, including groundwater and perched water. 10 CSR 20-6.300 and 10 CSR 20-8.300 require CAFO wastewater systems be designed, constructed, operated, and maintained as no-discharge facilities to protect all waters of the state, including perched water. The no-discharge requirement is the most restrictive effluent limitation that can be required of a permitted facility and meets water-quality criteria.

No changes have been made to the amendment as a result of this comment.

COMMENT #29: Several commenters discussed pollutant impacts from releases from manure storage structures.

RESPONSE: See General Response, above. As noted previously, this amendment does not authorize any discharge of pollutants or water contaminants to waters of the state, including groundwater and perched water. This rule retains the existing design standard of leak-tight systems to prevent discharges from manure storage structures.

No changes have been made to the amendment as a result of this comment.

COMMENT #30: Moniteau County Neighbors Alliance and others commented that other Missouri regulations for solid waste management and landfill construction all provide protection for perched water.

RESPONSE: As noted in the General Response, this amendment does not authorize discharge of pollutants or water contaminants to waters of the state, including groundwater and perched water. 10 CSR 20-6.300 and 10 CSR 20-8.300 require wastewater systems at CAFOs to be designed, constructed, operated, and maintained as no-discharge facilities to protect groundwater. The exclusion of perched water from the definition of groundwater table is for engineering purposes only, not for regulation of water quality.

In contrast, solid waste management facilities and landfills are permitted to discharge wastewater and impacted stormwater, subject to the terms and conditions of the permit.

No changes have been made to the amendment as a result of this comment.

COMMENT #31: Moniteau County Neighbors Alliance commented they believe the department rushed the Red Tape Reduction process to comply with legislative mandate, did not adequately consider the ramifications of the changes made, and should reopen evaluation of the rule with a stakeholder group. Stream Teams United and others voiced similar concerns.

RESPONSE: The purpose and scope of this rule amendment is to restore definitions that were inadvertently deleted. See Purpose of this Rulemaking, above. To the extent this comment is within the scope of the rule amendment, the department reviewed this rule in 2018 pursuant to Executive Order 17-03 and again in 2021 for this rulemaking. The department does not agree that additional changes are needed to this rule beyond this rule amendment.

No changes have been made to the amendment as a result of this comment.

COMMENT #32: Stream Teams United commented that with the addition of section 644.059, RSMo in 2018, exempted agricultural stormwater discharges may now legally cause pollution and violate state Water Quality Standards.

RESPONSE: This comment is outside the purpose and scope of the rule amendment, but to the extent the comment refers to potential discharges by CAFOs, see the General Response, above. This amendment does not authorize discharge of pollutants or water contaminants to waters of the state, including groundwater and perched water. 10 CSR 20-6.300 and 10 CSR 20-8.300 require wastewater

systems at CAFOs be designed, constructed, operated, and maintained as no-discharge facilities to protect all waters of the state. The no-discharge requirement is the most restrictive effluent limitation that can be required of a permitted facility and meets water-quality criteria.

No changes have been made to the amendment as a result of this comment.

COMMENT #33: Stream Teams United commented that with the passage of SB391, local authority to protect groundwater no longer exists, and therefore the state regulations should be reviewed and reevaluated to ensure they are being protective.

RESPONSE: This comment is outside the purpose and scope of the rule amendment. The department notes, however, that this rule was last amended in 2018 pursuant to Executive Order 17-03, which required the department to evaluate the protectiveness of all of its rules, including this one. The department found this rule protective at that time and hereby affirms this rule amendment is protective of human health and the environment, irrespective of any local requirements.

No changes have been made to the amendment as a result of this comment.

COMMENT #34: Stream Teams United commented that the department's website appears to be misleading about CAFO regulations (<https://dnr.mo.gov/env/wppcafo/index.html>) by stating that operating and construction permits are required for all size and types of CAFOs.

RESPONSE: This comment is outside the purpose and scope of the rule amendment. The department notes, however, that the commenter was correct that at the time of the comment the website contained incorrect language regarding which CAFOs require construction permits. Thank you for bringing this to the department's attention. The website has been updated to reflect current requirements. All regulated CAFOs require an operating permit. Section 644.051, RSMo, requires construction permits for earthen basins, but also requires that all activities exempted from the construction-permit requirement be designed by a P.E. in accordance with the Clean Water Commission's CAFO design rules and constructed according to those design plans. The department may conduct a post-construction site inspection prior to issuing the operating permit.

No changes have been made to the amendment as a result of this comment.

COMMENT #35: Stream Teams United commented that the department's general operating permits make reference to 10 CSR 20-8.300(10)(B) but that does not exist.

RESPONSE: Although this comment is outside the purpose and scope of the rule amendment, the department thanks the commenter for pointing this out. The general permits were issued prior to the effective date of the current version of 10 CSR 20-8.300. The department will update these references during the renewal process for the affected general permits.

No changes have been made to the amendment as a result of this comment.

COMMENT #36: Matthew J. Rhoades, CPG, RG, American Institute of Professional Geologists-Missouri Section—We feel it is imperative to organize not only AIPG members, but others similarly qualified to come together into a working group to collect and eventually amalgamate a proper, reasonable, and effective rule based on scientific and engineering principles already in use in Missouri within the solid waste management regulations. Others made comments requesting that definitions be based on scientific information.

RESPONSE: See Response to Comment #10 for additional information regarding the Inter-Agency Workgroup on Manure Storage Design Regulations and its recommendations, which provided the basis for the 2012 rulemaking that established the original minimum

design standards and definitions. The department concludes the rule amendment is proper, reasonable, effective, and based on scientific and engineering principles.

No changes have been made to the amendment as a result of this comment.

COMMENT #37: Commenters also raised the following general concerns: that Missourians need clean water more than factory farms; the department should protect Missouri's water from foreign-owned CAFOs; Missouri is turning into Iowa; small family farms are losing out to corporate farms; the department is abandoning farming communities; Missouri needs to step up for sustainable farm practices; the department is bowing to corporate farms; a hog farm in Livingston county is a bad idea; the department is removing local control of where and when CAFOs can operate safely; the department should require a Department of Health and Senior Services-registered installer for CAFOs; that factory farming ought to be banned; that the state government is taking over every county; that airborne pollution is accompanied by an unbearable stench; the use of antibiotics and disease prevention at CAFOs pollutes the water; and that CAFOs drive family farms out of business.

RESPONSE: The department acknowledges these concerns, but they are outside the purpose and scope of this rulemaking action. Most of these issues also are not within the department's authority or the jurisdiction of the Clean Water Law.

No changes have been made to the amendment as a result of these comments.

¹ Neither 10 CSR 20-8, Minimum Design Standards related to wastewater treatment structures, nor the Definitions rule, 10 CSR 20-2.010, currently contain a definition of groundwater table.

Title 11—DEPARTMENT OF PUBLIC SAFETY Division 30—Office of the Director Chapter 13—911 Training and Standards Act

ORDER OF RULEMAKING

By the authority vested in the Missouri 911 Service Board under section 650.340, RSMo Supp. 2020, the Missouri 911 Service Board rescinds a rule as follows:

11 CSR 30-13.100 In-Service Continuing Education Training for 911 Telecommunicators **is rescinded**.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on April 15, 2021 (46 MoReg 701-702). No changes have been made in the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

Title 11—DEPARTMENT OF PUBLIC SAFETY Division 90—Missouri 911 Service Board Chapter 4—911 Training and Standards Act

ORDER OF RULEMAKING

By the authority vested in the Missouri 911 Service Board under section 650.340, RSMo Supp. 2020, the Missouri 911 Service Board amends a rule as follows:

11 CSR 90-4.010 General Organization **is amended**.

A notice of proposed rulemaking containing the text of the proposed

amendment was published in the *Missouri Register* on April 15, 2021 (46 MoReg 696). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 90—Missouri 911 Service Board
Chapter 4—911 Training and Standards Act**

ORDER OF RULEMAKING

By the authority vested in the Missouri 911 Service Board under section 650.340, RSMo Supp. 2020, the Missouri 911 Service Board amends a rule as follows:

11 CSR 90-4.020 Definitions is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 15, 2021 (46 MoReg 696). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 90—Missouri 911 Service Board
Chapter 4—911 Training and Standards Act**

ORDER OF RULEMAKING

By the authority vested in the Missouri 911 Service Board under section 650.340, RSMo Supp. 2020, the Missouri 911 Service Board amends a rule as follows:

11 CSR 90-4.030 Initial Training is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 15, 2021 (46 MoReg 697). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 90—Missouri 911 Service Board
Chapter 4—911 Training and Standards Act**

ORDER OF RULEMAKING

By the authority vested in the Missouri 911 Service Board under section 650.340, RSMo Supp. 2020, the Missouri 911 Service Board amends a rule as follows:

11 CSR 90-4.040 is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 15, 2021 (46 MoReg 697-698). Those sections with changes are reprinted here. This proposed amendment becomes effective thirty (30) days

after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The Missouri 911 Service Board received one (1) comment from staff on the proposed amendment.

COMMENT #1: Staff commented that the term “ECC” was inadvertently undefined in subsection (2)(E) of the amendment. “Emergency Communication Center” should be added before “ECC” to define this term.

RESPONSE AND EXPLANATION OF CHANGE: The Missouri 911 Service Board has amended the final rule to reflect this change to subsection (2)(E).

11 CSR 90-4.040 Exemptions and Waiver of Initial Training Requirement

(2) Any persons hired after August 28, 1999, as a telecommunicator, may have the initial training requirement waived upon furnishing proof to the board that they have completed a training course in another state that meets the minimum requirements listed in 11 CSR 90-4.030.

(E) The waiver letter will suffice for proof of training by the PSAP or Emergency Communication Center (ECC).

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 90—Missouri 911 Service Board
Chapter 4—911 Training and Standards Act**

ORDER OF RULEMAKING

By the authority vested in the Missouri 911 Service Board under section 650.340, RSMo Supp. 2020, the Missouri 911 Service Board amends a rule as follows:

11 CSR 90-4.050 Requirements for Continuing Education is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 15, 2021 (46 MoReg 698). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 90—Missouri 911 Service Board
Chapter 4—911 Training and Standards Act**

ORDER OF RULEMAKING

By the authority vested in the Missouri 911 Service Board under section 650.340, RSMo Supp. 2020, the Missouri 911 Service Board amends a rule as follows:

11 CSR 90-4.060 Minimum Standards for Continuing Education Training is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 15, 2021 (46 MoReg 698-699). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 90—Missouri 911 Service Board
Chapter 4—911 Training and Standards Act**

ORDER OF RULEMAKING

By the authority vested in the Missouri 911 Service Board under section 650.340, RSMo Supp. 2020, the Missouri 911 Service Board amends a rule as follows:

11 CSR 90-4.070 Procedure to Obtain Continuing Education Provider Approval for 911 Telecommunicators **is amended**.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 15, 2021 (46 MoReg 699-700). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 90—Missouri 911 Service Board
Chapter 4—911 Training and Standards Act**

ORDER OF RULEMAKING

By the authority vested in the Missouri 911 Service Board under section 650.340, RSMo Supp. 2020, the Missouri 911 Service Board amends a rule as follows:

11 CSR 90-4.080 Procedure to Obtain Approval for an Individual Continuing Education Course for 911 Telecommunicators **is amended**.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 15, 2021 (46 MoReg 700-701). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 90—Missouri 911 Service Board
Chapter 4—911 Training and Standards Act**

ORDER OF RULEMAKING

By the authority vested in the Missouri 911 Service Board under section 650.340, RSMo Supp. 2020, the Missouri 911 Service Board amends a rule as follows:

11 CSR 90-4.090 Out of State, Federal and Organizations or Commercial Entities Continuing Education Credit for 911 Telecommunicators **is amended**.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 15, 2021 (46 MoReg 701). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 90—Missouri 911 Service Board
Chapter 4—911 Training and Standards Act**

ORDER OF RULEMAKING

By the authority vested in the Missouri 911 Service Board under section 650.340, RSMo Supp. 2020, the Missouri 911 Service Board amends a rule as follows:

11 CSR 90-4.100 Computer-Based Continuing Education Training for 911 Telecommunicators **is amended**.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 15, 2021 (46 MoReg 702). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 17—BOARDS OF POLICE COMMISSIONERS
Division 10—Kansas City Board of Police Commissioners
Chapter 2—Private Security**

ORDER OF RULEMAKING

By the authority vested in the Kansas City Board of Police Commissioners under section 84.720, RSMo 2016, the board rescinds a rule as follows:

17 CSR 10-2.010 Regulation and Licensing In General **is rescinded**.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on April 1, 2021 (46 MoReg 624-625). No changes have been made in the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 17—BOARDS OF POLICE COMMISSIONERS
Division 10—Kansas City Board of Police Commissioners
Chapter 2—Private Security**

ORDER OF RULEMAKING

By the authority vested in the Kansas City Board of Police Commissioners under section 84.720, RSMo 2016, the board adopts a rule as follows:

17 CSR 10-2.010 Regulation and Licensing In General **is adopted**.

A notice of proposed rulemaking containing the text of the proposed rule was published in the *Missouri Register* on April 1, 2021 (46 MoReg 625-631). No changes have been made in the text of the proposed rule, so it is not reprinted here. This proposed rule becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 17—BOARDS OF POLICE COMMISSIONERS
Division 10—Kansas City Board of Police Commissioners
Chapter 2—Private Security**

ORDER OF RULEMAKING

By the authority vested in the Kansas City Board of Police Commissioners under section 84.720, RSMo 2016, the board rescinds a rule as follows:

17 CSR 10-2.020 Application for a License is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on April 1, 2021 (46 MoReg 632). No changes have been made in the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 17—BOARDS OF POLICE COMMISSIONERS
Division 10—Kansas City Board of Police Commissioners
Chapter 2—Private Security**

ORDER OF RULEMAKING

By the authority vested in the Kansas City Board of Police Commissioners under section 84.720, RSMo 2016, the board adopts a rule as follows:

17 CSR 10-2.020 Application for a License is adopted.

A notice of proposed rulemaking containing the text of the proposed rule was published in the *Missouri Register* on April 1, 2021 (46 MoReg 632-635). No changes have been made in the text of the proposed rule, so it is not reprinted here. This proposed rule becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 17—BOARDS OF POLICE COMMISSIONERS
Division 10—Kansas City Board of Police Commissioners
Chapter 2—Private Security**

ORDER OF RULEMAKING

By the authority vested in the Kansas City Board of Police Commissioners under section 84.720, RSMo 2016, the board rescinds a rule as follows:

17 CSR 10-2.030 Classification of Licenses is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on April 1, 2021 (46 MoReg 636). No changes have been made in the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 17—BOARDS OF POLICE COMMISSIONERS
Division 10—Kansas City Board of Police Commissioners
Chapter 2—Private Security**

ORDER OF RULEMAKING

By the authority vested in the Kansas City Board of Police

Commissioners under section 84.720, RSMo 2016, the board adopts a rule as follows:

17 CSR 10-2.030 is adopted.

A notice of proposed rulemaking containing the text of the proposed rule was published in the *Missouri Register* on April 1, 2021 (46 MoReg 636-637). Those sections with changes are reprinted here. This proposed rule becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: One (1) comment was received.

COMMENT #1: R. Scott Glaeser, Security Manager for the City of Kansas City, Missouri (city), requested that a classification of unarmed park ranger be added to paragraph (1)(A)6. In case the city decided to re-deploy their park rangers without weapons.

RESPONSE AND EXPLANATION OF CHANGE: The Private Officers Licensing Section agreed that the classification will be added in case the city elects to change the current classification of the rangers.

17 CSR 10-2.030 Classification of Licenses

(1) Individual licenses to provide private security services or proprietary private investigative services granted pursuant to this chapter shall be classified as either Class A licenses or Class B licenses.

(A) Class A licensees (other than those solely seeking an Administrative License) shall have the authority to detain or apprehend suspects either committing felonies, misdemeanors, or city ordinance violations in the presence of the licensee or during the attempt to commit the same or upon probable cause to believe an offense was committed; provided, however, the authority is limited to the private property the licensee is hired to protect during the hours s/he is hired to protect said private property and is not to extend to the public streets of the city. No vehicle pursuits are allowed except as specifically authorized in 17 CSR 10-2.030(1)(A)5. Class A licenses may be further classified pursuant to the following titles, designations, and authorities:

1. Administrative Agent—One who directly supervises a Security Officer;

2. Loss prevention agent—One who is unarmed, nonuniformed, and is responsible to observe, investigate, apprehend, and prosecute shoplifters, fraud checks, internal thefts, and the like. This individual is employed to prevent theft by unobtrusive, alert skills;

3. Patrol agent—Armed or unarmed, uniformed position delegated all the responsibility of a guard with the authority to react to illegal action by apprehension or detention. Persons, such as bank guards and hospital security, are normally assigned to a particular designated post to protect persons and property. This individual may also be responsible for proactive, aggressive policing of the property they are hired to protect. These responsibilities include foot patrol, response to alarms, self-initiated activity such as car and pedestrian checks on designated private property, investigations, apprehension or detention of suspects, and assisting in prosecution;

4. Proprietary private investigator—An armed or unarmed, nonuniformed person employed exclusively and regularly by one (1) employer in connection with the affairs of that employer and where there exists an employer-employee relationship, responsible for investigations which impact that employer. The qualification for this classification is set out in 17 CSR 10-2.050(1)(C);

5. Airport police—Armed and uniformed position responsible for patrolling the property designated as the Kansas City International Airport and the Charles B. Wheeler Downtown Airport who are granted special permission to be known as the Kansas City International Airport Police. These officers are exempt from the provisions of 17 CSR 10-2.060(4). Airport police personnel shall be required to have a Class A license. Officers with licenses pursuant to

this subclassification have the following authority, in addition to those created by the Class A license. The Class A license that has the airport police designation shall have authority to enforce city ordinance and state statute violations upon the public streets of the city, but only upon the streets within the property boundaries of the Kansas City International Airport and the Charles B. Wheeler Downtown Airport. The Class A license that has the designation unarmed, uniformed “traffic control officer” shall have the authority to control traffic and issue citations for parking violations, but only upon the streets within the property boundaries of the Kansas City International Airport and the Charles B. Wheeler Downtown Airport. This section grants no authority to engage in a vehicle pursuit on streets not within the property boundaries of the Kansas City International Airport or the Charles B. Wheeler Downtown Airport; and

6. Park Rangers—Armed or unarmed and uniformed position responsible for providing security for the City of Kansas City, Missouri parks and park property, which is granted special permission to be known as the park rangers. Park rangers shall be required to have a Class A license. Officers with licenses pursuant to this subclassification have the following authority, in addition to those created by the Class A license. The Class A license that has the park ranger designation shall have authority to enforce specific agreed-upon city ordinance violations exclusively upon park property. This section grants no authority to engage in a vehicle pursuit on roadways that are not park property.

**Title 17—BOARDS OF POLICE COMMISSIONERS
Division 10—Kansas City Board of Police Commissioners
Chapter 2—Private Security**

ORDER OF RULEMAKING

By the authority vested in the Kansas City Board of Police Commissioners under section 84.720, RSMo 2016, the board rescinds a rule as follows:

17 CSR 10-2.040 Application Forms and Licensing Fees
is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on April 1, 2021 (46 MoReg 637). No changes have been made in the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 17—BOARDS OF POLICE COMMISSIONERS
Division 10—Kansas City Board of Police Commissioners
Chapter 2—Private Security**

ORDER OF RULEMAKING

By the authority vested in the Kansas City Board of Police Commissioners under section 84.720, RSMo 2016, the board adopts a rule as follows:

17 CSR 10-2.040 Application Forms and Licensing Fees
is adopted.

A notice of proposed rulemaking containing the text of the proposed rule was published in the *Missouri Register* on April 1, 2021 (46 MoReg 637-646). No changes have been made in the text of the proposed rule, so it is not reprinted here. This proposed rule becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 17—BOARDS OF POLICE COMMISSIONERS
Division 10—Kansas City Board of Police Commissioners
Chapter 2—Private Security**

ORDER OF RULEMAKING

By the authority vested in the Kansas City Board of Police Commissioners (board) under section 84.720, RSMo 2016, the board withdraws the proposed rescission as follows:

17 CSR 10-2.050 Testing Requirements and Qualification
Standards is **withdrawn**.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on April 1, 2021 (46 MoReg 647). This proposed rescission is withdrawn.

SUMMARY OF COMMENTS: No comments were received on the proposed rescission.

**Title 17—BOARDS OF POLICE COMMISSIONERS
Division 10—Kansas City Board of Police Commissioners
Chapter 2—Private Security**

ORDER OF RULEMAKING

By the authority vested in the Kansas City Board of Police Commissioners (board) under section 84.720, RSMo 2016, the board withdraws a proposed rule as follows:

17 CSR 10-2.050 Testing Requirements and Qualification
Standards is **withdrawn**.

A notice of proposed rulemaking containing the text of the proposed rule was published in the *Missouri Register* on April 1, 2021 (46 MoReg 647-650). This proposed rule is withdrawn.

SUMMARY OF COMMENTS: Comments were received by the Joint Committee on Administrative Rules concerning grammatical errors contained in the rule that could lead to confusion concerning qualifications to hold a license.

RESPONSE: As a result, the board is withdrawing and revising this rulemaking.

**Title 17—BOARDS OF POLICE COMMISSIONERS
Division 10—Kansas City Board of Police Commissioners
Chapter 2—Private Security**

ORDER OF RULEMAKING

By the authority vested in the Kansas City Board of Police Commissioners under section 84.720, RSMo 2016, the board rescinds a rule as follows:

17 CSR 10-2.055 Weapons Regulations and Firearms Qualification
is **rescinded**.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on April 1, 2021 (46 MoReg 651). No changes have been made in the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 17—BOARDS OF POLICE COMMISSIONERS
Division 10—Kansas City Board of Police Commissioners
Chapter 2—Private Security**

ORDER OF RULEMAKING

By the authority vested in the Kansas City Board of Police Commissioners under section 84.720, RSMo 2016, the board adopts a rule as follows:

17 CSR 10-2.055 Weapons Regulations and Firearms Qualification **is adopted.**

A notice of proposed rulemaking containing the text of the proposed rule was published in the *Missouri Register* on April 1, 2021 (46 MoReg 651-654). No changes have been made in the text of the proposed rule, so it is not reprinted here. This proposed rule becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 17—BOARDS OF POLICE COMMISSIONERS
Division 10—Kansas City Board of Police Commissioners
Chapter 2—Private Security**

ORDER OF RULEMAKING

By the authority vested in the Kansas City Board of Police Commissioners (board) under section 84.720, RSMo 2016, the board withdraws the proposed rescission as follows:

17 CSR 10-2.060 Regulation, Suspension, and Revocation **is withdrawn.**

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on April 1, 2021 (46 MoReg 655). This proposed rescission is withdrawn.

SUMMARY OF COMMENTS: No comments were received on the proposed rescission.

**Title 17—BOARDS OF POLICE COMMISSIONERS
Division 10—Kansas City Board of Police Commissioners
Chapter 2—Private Security**

ORDER OF RULEMAKING

By the authority vested in the Kansas City Board of Police Commissioners (board) under section 84.720, RSMo 2016, the board withdraws a proposed rule as follows:

17 CSR 10-2.060 Regulation, Suspension, and Revocation **is withdrawn.**

A notice of proposed rulemaking containing the text of the proposed rule was published in the *Missouri Register* on April 1, 2021 (46 MoReg 655-657). This proposed rule is withdrawn.

SUMMARY OF COMMENTS: Comments were received from the Joint Committee on Administrative Rules concerning possible legal issues with this rule.

RESPONSE: As a result, the board is withdrawing and revising this rulemaking.

**Title 20—DEPARTMENT OF COMMERCE AND
INSURANCE
Division 2235—State Committee of Psychologists
Chapter 7—Continuing Education**

ORDER OF RULEMAKING

By the authority vested in the State Committee of Psychologists under section 337.050, RSMo Supp. 2020, the committee amends a rule as follows:

20 CSR 2235-7.010 Continuing Education **is amended.**

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 15, 2021 (46 MoReg 706-707). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 20—DEPARTMENT OF COMMERCE AND
INSURANCE
Division 2255—Missouri Board for Respiratory Care
Chapter 1—General Rules**

ORDER OF RULEMAKING

By the authority vested in the Missouri Board for Respiratory Care under section 334.840, RSMo 2016, the board amends a rule as follows:

20 CSR 2255-1.030 Complaint Handling and Disposition **is amended.**

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 1, 2021 (46 MoReg 658). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The board received one (1) comment on the proposed amendment.

COMMENT #1: Tricia Derges, Missouri State Representative, "Life Up Springfield" Medical and Dental Mission Clinic and Ozark Valley Medical Clinics expressing concerns and asking for clarification as to whether the proposed change only relates to respiratory care therapists or all medical licensees.

RESPONSE: The Missouri Board for Respiratory Care met on May 6, 2021 and reviewed Representative Tricia Derges' response. The board thanked Representative Derges for the comments and advised that no changes will be made.

This section may contain notice of hearings, correction notices, public information notices, rule action notices, statements of actual costs, and other items required to be published in the *Missouri Register* by law.

**Title 2—DEPARTMENT OF AGRICULTURE
Division 90—Weights, Measures and Consumer
Protection**

FISCAL YEAR JULY 1, 2021–JUNE 30, 2022

PURPOSE: This proposed budget is filed in compliance with the provisions of section 323.025.10, RSMo 2016 which requires the Missouri Propane Safety Commission to prepare and submit a budget plan for public comment.

INCOME:

Estimated Assessments*	\$ 596,250
Interest Income	\$ 5,500
Total Income:	\$ 601,750

EXPENSES:

Furnishings, Equipment and Vehicle Depreciation-Amortization	\$ 19,150
Rent, Utility and Communication Expenses	\$ 22,600
Professional and Contract Services	\$ 48,100
Operating Expenses	\$ 15,950
Personnel Expenses	\$311,000
Employee Benefits	\$ 67,600
Inspection and Meeting Expenses	\$ 58,500
Commissioner Expenses	\$ 5,500
Insurance Expenses	\$ 4,400
Total Expenses:	\$ 552,800

NET \$ 48,950

*Assessment rate: 0.00225/gallon

AUTHORITY: section 323.025.10, RSMo 2016.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed budget with the Missouri Propane Safety Commission, 4110 Country Club Drive, Suite 200, Jefferson City, Missouri 65109-0302. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

**Title 19—DEPARTMENT OF HEALTH AND
SENIOR SERVICES
Division 60—Missouri Health Facilities
Review Committee
Chapter 50—Certificate of Need Program**

**NOTIFICATION OF REVIEW:
APPLICATION REVIEW SCHEDULE**

The Missouri Health Facilities Review Committee has initiated review of the CON applications listed below. A decision is tentatively scheduled for September 13, 2021. These applications are available for public inspection at the address shown below.

Date Filed

Project Number: Project Name
City (County)
Cost, Description

6/30/2021

#5869 HS: Mercy Hospital – Joplin
Joplin (Newton County)
\$1,816,068, Replace CT scanner

7/1/2021

#5878 HS: Hannibal Regional Hospital
Hannibal (Marion County)
\$2,852,843, Add additional cardiac catheterization lab

#5874 HS: Mercy Hospital South
St. Louis (St. Louis County)
\$2,015,678, Add additional Bi-Plane imaging system

#5875 HS: Mercy Hospital South
St. Louis (St. Louis County)
\$2,441,411, Add additional MRI system

7/2/2021

#5871 HS: St. Louis Children’s Hospital
St. Louis (St. Louis City)
\$2,820,000, Replace CT scanner

#5880 RS: Hampton Manor of St. Peters
St. Peters (St. Charles County)
\$16,000,000, Establish 98-bed assisted living facility

Any person wishing to request a public hearing for the purpose of commenting on these applications must submit a written request to this effect, which must be received by August 6, 2021. All written requests and comments should be sent to—

Chairman
Missouri Health Facilities Review Committee
c/o Certificate of Need Program
3418 Knipp Drive, Suite F
PO Box 570
Jefferson City, MO 65102
For additional information contact Alison Dorge at
alison.dorge@health.mo.gov.

Run Date : 7/1/2021 6:00:36 AM

EI0130

Show Secretary of State Cover: Yes

Missouri Department of Revenue

Taxation Division

Construction Transient Employer Listing

The following is a list of all construction contractors performing work on construction projects in Missouri who are known by the Department of Revenue to be transient employers pursuant to Section 285.230, RSMo. This list is provided as a guideline to assist public bodies with their responsibilities under this section that states, "any county, city, town, village or any other political subdivision which requires a building permit for a person to perform certain construction projects shall require a transient employer to show proof that the employer has been issued a tax clearance and has filed a financial assurance instrument as required by Section 285.230 before such entity issues a building permit to the transient employer."

Contractor Name	Street Address	Street Address 2	City	State	Zip Code
2 POINT CONSTRUCTION CO LLC	110 GREYSTONE AVE		KANSAS CITY	KS	66103-1355
2H&V CONSTRUCTION SERVICES LLC	PO BOX 1301		BONIFAY	FL	32425-4301
3 LLC	434 KEARNY AVE # 232		KEARNY	NJ	07032-2604
4MC CORPORATION	8040 JORDAN RD		OAKLEY	IL	62501-6999
5K INDUSTRIAL SOLUTIONS INC	2981 SAHARA CIR		FITCHBURG	WI	53711-5848
5R CONTRACTORS LLC	2514 N GRAYSTONE CIR		WICHITA	KS	67228-8039
A & B PROCESS SYSTEMS CORP	212700 STAINLESS AVE		STRATFORD	WI	54484-4324
A & K CONSTRUCTION SERVICES INC	100 CALLOWAY CT		PADUCAH	KY	42001-9035
A AND M COMMUNICATION LLC	PO BOX 175		BORING	OR	97009-0175
A AND M ENGINEERING AND ENVIRONMENTAL SERVICES INC	10010 E 16TH ST		TULSA	OK	74128-4611
A EPSTEIN & SONS INTERNATIONAL INC	600 W FULTON ST STE 800		CHICAGO	IL	60661-1254
A I INTERNATIONAL INC	8055A NATIONAL TPKE		LOUISVILLE	KY	40214-5201
ABSOLUTE CONSTRUCTION INC	954 KENNEDY AVE		SCHERERVILLE	IN	46375-7100

Run Date : 7/1/2021 6:00:36 AM

EI0130

Show Secretary of State Cover: Yes

Missouri Department of Revenue

Taxation Division

Construction Transient Employer Listing

Contractor Name	Street Address	Street Address 2	City	State	Zip Code
ABSOLUTE ROOFSEAL LLC	1143 S HIGHWAY 30		BLAIR	NE	68008-2325
ACADEMY ROOFING & SHEET METAL OF THE MIDWEST INC	6361 NE 14TH ST		DES MOINES	IA	50313-1212
ACCESS LIMITED CONSTRUCTION COMPANY	1102 PIKE LN		OCEANO	CA	93445-9403
ACCESS RIGGING LLC	514 ANCLOTE RD		TARPON SPGS	FL	34689-6701
ACCESSIBILITY REMODELING LLC	3112 MERRIAM LN		KANSAS CITY	KS	66106-4616
ACE AIR CONDITIONING INC	2985 ENTERPRISE RD STE A		DEBARY	FL	32713-2710
ACE AVANT CONCRETE CONSTRUCTION CO INC	PO BOX 14006		ARCHDALE	NC	27263-7006
ACE SIGN COMPANY	2540 S 1ST ST		SPRINGFIELD	IL	62704-4700
ACRONYM MEDIA INC	350 5TH AVE STE 6500		NEW YORK	NY	10118-6500
ADVANCE ELECTRIC INC	353 N INDIANA AVE		WICHITA	KS	67214-4034
ADVANCED EROSION SOLUTIONS LLC	15257 S KEELER ST		OLATHE	KS	66062-2714
ADVANCED PROJECT SOLUTIONS (FL) LLC	PO BOX 1116		SPEARFISH	SD	57783-7116
AE MFG INC	6468 N YALE AVE		TULSA	OK	74117-2411
AES MECHANICAL SERVICES	PO BOX 780115		TALLASSEE	AL	36078-0014
AG PROPERTY SOLUTIONS	PO BOX 96		EMMETSBURG	IA	50536-0096
AH BECK FOUNDATION CO INC	9014 GREEN RD		CONVERSE	TX	78109-3356
AHRS CONSTRUCTION INC	533 RAILROAD ST		BERN	KS	66408-8006
ALBERTINE COMPANY LLC	2176 WEST ST STE 207		GERMANTOWN	TN	38138-3859
ALDRIDGE ELECTRIC INC	844 E ROCKLAND RD		LIBERTYVILLE	IL	60048-3358

Run Date : 7/1/2021 6:00:36 AM

EI0130

Show Secretary of State Cover: Yes

Taxation Division

Missouri Department of Revenue

Construction Transient Employer Listing

Contractor Name	Street Address	Street Address 2	City	State	Zip Code
ALL AMERICAN SCAFFOLD LLC	51 WASHINGTON AVE		DES MOINES	IA	50314-3642
ALL AMERICAN TRACK INC	PO BOX 186		ASH FORK	AZ	86320-0186
ALL PURPOSE ERECTORS INC	1112 STARLIFTER DR		LEBANON	IL	62254-2724
ALL SERVICE CONTRACTING CORP	2024 E DAMON AVE		DECATUR	IL	62526-4749
ALLIANCE GLAZING TECHNOLOGIES INC.	646 FORESTWOOD DR		ROMEDEVILLE	IL	60446-1378
ALLIANCE RETAIL CONSTRUCTION INC	6000 CLARK CENTER AVE		SARASOTA	FL	34238-2716
ALLIED CORROSION INDUSTRIES INC	1550 COBB INDUSTRIAL DR		MARIETTA	GA	30066-6625
ALSTON CONSTRUCTION COMPANY INC	8775 FOLSOM BLVD STE 201		SACRAMENTO	CA	95826-3725
ALTERED GROUNDS OUTDOOR SERVICES LLC	4937 REDWOOD LN		GRANITE CITY	IL	62040-2651
AMERICA 9 CONSTRUCTION LLC	19015A WILKS DR		CYPRESS	TX	77433-4348
AMERICAN BRIDGE COMPANY	1000 AMERICAN BRIDGE WAY		CORAOPOLIS	PA	15108-1266
AMERICAN HYDRO CORPORATION	PO BOX 3628		YORK	PA	17402-0136
AMERICAN LIFT & SIGN SERVICE COMPANY	6958 N 97TH CIR		OMAHA	NE	68122-1060
AMERICAN PRESERVATION BUILDERS LLC	8111 ROCKSIDE RD STE 101		CLEVELAND	OH	44125-6130
AMERICAN ROOFING	2500 S 2ND ST		LEAVENWORTH	KS	66048-4542
AMERICAN SEALANTS INC	2483 RIVERSIDE PKWY		GRAND JCT	CO	81505-1319

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AMERICOM WEST INC	2910 WATERS RD STE 170		EAGAN	MN	55121-1587
AMES CONSTRUCTION INC	2500 COUNTY ROAD 42 W		BURNSVILLE	MN	55337-6911
ANCHOR SIGN INC	PO BOX 22737		CHARLESTON	SC	29413-2737
ANDRITZ HYDRO CORP.	10735 DAVID TAYLOR DR STE 500		CHARLOTTE	NC	28262-1289
ANGELUS WATERPROOFING AND RESTORATION INC.	17762 METZLER LN		HUNTINGTON BEACH	CA	92647-6245
ANTIGO CONSTRUCTION INC	2520 CLERMONT ST		ANTIGO	WI	54409-2931
AP FABRICATIONS LLC	801 E 2ND ST		STUTTGART	AR	72160-3836
AP PROFESSIONALS OF PHOENIX LLC	350 LINDEN OAKS		ROCHESTER	NY	14625-2807
APCO ELECTRIC INC	11919 I 70 FRONTAGE RD N UNIT 127		WHEAT RIDGE	CO	80033-7120
APPLE ELECTRIC INTEGRATED SOLUTIONS INC	PO BOX 998		LOUISBURG	KS	66053-0998
APPLIED KEYSTONE TECHNOLOGIES INC.	820 OLD MOUNT GRETNA RD		LEBANON	PA	17042-4848
APPLIED POLYMERICS INC	131 SAINT JAMES WAY		MOUNT AIRY	NC	27030-6068
AR CONSTRUCTION LLC	PO BOX 1171		HOOKER	OK	73945-1171
ARACREBS1 LLC	PO BOX 1670		SPRINGDALE	AR	72765-1670
ARCHER WESTERN CONTRACTORS LLC	PAYROLL 929 W ADAMS ST		CHICAGO	IL	60607
ARCHON CONSTRUCTION CO. INC.	563 S ROUTE 53		ADDISON	IL	60101-4236
ARCHVIEW CONTRACTING LLC	3130 GRAVOIS AVE		SAINT LOUIS	MO	63118-2128
ARCHWALL LLC	PO BOX 38		STRAWBERRY PT	IA	52076-0038

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ARENA PRODUCTS AND SERVICES LLC	PO BOX 2230		ELIZABETH	CO	80107-2230
ARISTEO CONSTRUCTION COMPANY	12811 FARMINGTON RD		LIVONIA	MI	48150-1607
ARISTEO INSTALLATION LLC	12811 FARMINGTON RD		LIVONIA	MI	48150-1607
ARNDT ENTERPRISES INC	2579 195TH ST		DE WITT	IA	52742-9114
ARROW SIGNS & OUTDOOR ADVERTISING INC	4545 N ALBY RD		GODFREY	IL	62035-1954
ARVOS LJUNGSTROM LLC	3020 TRUAX RD		WELLSVILLE	NY	14895-9531
ASA CARLTON INC	5224 PALMERO CT # 1		BUFORD	GA	30518-5868
ASPEN DESIGN INC	9645 LINCOLNWAY LN STE 201		FRANKFORT	IL	60423-1884
ASPHALT STONE COMPANY	PO BOX 1060		JACKSONVILLE	IL	62651-1060
ASSOCIATED FIRE PROTECTION	4905 S 97TH ST		OMAHA	NE	68127-2202
ATLANTIC TRACK RUNWAY SERVICES LLC	2903 ARKANSAS BLVD		TEXARKANA	AR	71854-2535
ATLAS TRENCHLESS LLC	PO BOX 488		ROCKVILLE	MN	56369-0488
ATWOOD ELECTRIC INC	PO BOX 311		SIGOURNEY	IA	52591-0311
AXIOS INDUSTRIAL MAINTENANCE CONTRACTORS INC	10077 GROGANS MILL RD STE 450		SPRING	TX	77380-1030
AYARS & AYARS INC	2436 N 48TH ST		LINCOLN	NE	68504-3627
B T GROUP HOLDINGS INC	1717 S BOULDER AVE STE 300		TULSA	OK	74119-4843
B & S STEEL CO. LLC	1604 S AVE		MORNING SUN	IA	52640-9698
B D WELCH CONSTRUCTION LLC	120 INDUSTRIAL STATION RD		STEELE	AL	35987-0017

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B&E ELECTRICAL INC	1843 ROYLE RD		SUMMERVILLE	SC	29486-1779
BABCOCK POWER ENVIRONMENTAL INC.	26 FOREST ST		MARLBOROUGH	MA	01752-3068
BABCOCK SDV LLC	33819 21ST RD		ARKANSAS CITY	KS	67005-5456
BACON FARMER WORKMAN ENGINEERING & TESTING INC	500 S 17TH ST		PADUCAH	KY	42003-2819
BAILEY CONSTRUCTION AND CONSULTING LLC	2200 N RODNEY PARHAM RD STE 206		LITTLE ROCK	AR	72212-4155
BAJA CONSTRUCTION CO INC	223 FOSTER ST		MARTINEZ	CA	94553-1029
BARKER CONTRACTING INC.	2127 E SPEEDWAY BLVD STE 101		TUCSON	AZ	85719-4751
BARLOVENTO LLC	431 TECHNOLOGY DR		DOTHAN	AL	36303-1247
BARRIER TECHNOLOGIES LLC	8245 NIEMAN RD		LENEXA	KS	66214-1508
BARTON ELECTRIC CONTRACTING INC	247 STATE ROUTE 160		TRENTON	IL	62293-4667
BASLER ELECTRIC COMPANY	12570 STATE ROUTE 143		HIGHLAND	IL	62249-1074
BAZIN SAWING & DRILLING LLC	30790 SWITZER RD		LOUISBURG	KS	66053-5903
BCI ELECTRICAL INC	PO BOX 546		GARDNER	KS	66030-0546
BEAM TEAM CONSTRUCTION INC	1350 BLUEGRASS LAKES PKWY		ALPHARETTA	GA	30004-3395
BECHEL CONSTRUCTION INC	41 BRANGENBERG HOLLOW RD		KAMPSVILLE	IL	62053-4464
BEL O COOLING & HEATING INC	8478 US HIGHWAY 50		LEBANON	IL	62254-2524

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BELL CONSTRUCTION COMPANY INC.	PO BOX 9041		NORTH LITTLE ROCK	AR	72119-9041
BERG PAINTING LLC	118 PEAVEY CIR		CHASKA	MN	55318-2347
BERRY BROS GENERAL CONTRACTORS INC	PO BOX 253		BERWICK	LA	70342-0253
BETHALTO GLASS INC	PO BOX 186		BETHALTO	IL	62010-0186
BETTIS ASPHALT & CONSTRUCTION INC	PO BOX 1694		TOPEKA	KS	66601-1694
BETWEEN THE LINES CONSTRUCTION LLC	121 E MYRTLE ST		TROY	KS	66087-5258
BEUMER CORPORATION	800 APGAR DR		SOMERSET	NJ	08873-1152
BIERMAN CONTRACTING INC	PO BOX 1887		COLUMBUS	NE	68602-1887
BILLY W JARRETT CONSTRUCTION COMPANY INC	905 S PERRY ST STE 101		MONTGOMERY	AL	36104-5021
BIRDAIR INC	6461 MAIN ST		WILLIAMSVILLE	NY	14221-5837
BLAHNIK CONSTRUCTION COMPANY	150 50TH AVENUE DR SW		CEDAR RAPIDS	IA	52404-5038
BLANKENSHIP CONSTRUCTION CO	1824 IL ROUTE 140		MULBERRY GRV	IL	62262-3303
BLATTNER ENERGY INC.	392 COUNTY ROAD 50		AVON	MN	56310-8684
BLD SERVICES LLC	2424 TYLER ST		KENNER	LA	70062-4845
BLEVINS CONSTRUCTION MANAGEMENT INC	PO BOX 111		WILDWOOD	GA	30757-0111
BLUE SKY CONSTRUCTION OF IDAHO LLC	2365 E COLUMBIA RD		MERIDIAN	ID	83642-7211
BLUEGRASS CUSTOM CABINETS LLC	3203 DEER POINT PL		PROSPECT	KY	40059-8139

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BLUESTONE LLC	220 N SMITH ST STE 420		PALATINE	IL	60067-2477
BLUEWATER CONSTRUCTORS INC	PO BOX 55482		HOUSTON	TX	77255-5482
BLUNIER BUILDERS INC	1230 US HIGHWAY 24		EUREKA	IL	61530-9448
BLUSKY RESTORATION CONTRACTORS LLC	9767 E EASTER AVE		CENTENNIAL	CO	80112-3747
BOB BERGKAMP CONSTRUCTION CO INC	3709 S WEST ST		WICHITA	KS	67217-3898
BOB FLORENCE CONTRACTOR INC	PO BOX 5258		TOPEKA	KS	66605-0258
BOCO CONTRACTING & CONSTRUCTION LLC	PO BOX 638		BRIGHTON	IL	62012-0638
BODINE ELECTRIC OF DECATUR	PO BOX 976		DECATUR	IL	62525-1810
BORTON CONSTRUCTION INC	2 COPELAND AVE STE 201		LA CROSSE	WI	54603-3419
BORTON LC	PO BOX 2108		HUTCHINSON	KS	67504-2108
BOUMA CONSTRUCTION INC	4101 ROGER B CHAFFEE MEM DR SE		GRAND RAPIDS	MI	49548-3443
BRADSHAW CONSTRUCTION CORPORATION MARYLAND	175 W LIBERTY RD		ELDERSBURG	MD	21784-9381
BRAMSON HOUSE INC	151 ALBANY AVE		FREEPORT	NY	11520-4710
BRANCH BUILDING GROUP LLC	813 COLUMBIA AVE STE B		FRANKLIN	TN	37064-8222
BRANTLEY CONSTRUCTION LLC	7227 W 162ND TER		STILWELL	KS	66085-8238
BRETT FRITZEL BUILDERS INC	2201 MALLARD CIR		EUDORA	KS	66025-2101
BREWSTER COMPANIES INC	6321 E MAIN ST		MARYVILLE	IL	62062-2014

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BROCK SERVICES LLC	PO BOX 306		BEAUMONT	TX	77704-0306
BROOKS DIRECTIONAL DRILLING LLC	24531 102ND DR		BURDEN	KS	67019-9202
BROOKS ELECTRICAL	1107 N 1712 RD		LAWRENCE	KS	66049-9714
BROWN TANK LLC	6995 55TH ST N STE A		SAINT PAUL	MN	55128-1726
BRUCE CONCRETE CONSTRUCTION INCORPORATED	4401 STATE ROUTE 162		GRANITE CITY	IL	62040-6412
BRUNAUUGH CONSTRUCTION AND DESIGN LLC	PO BOX 394		ALTON	IL	62002-0394
BRYAN-OHLMEIER CONST INC	911 N PEARL ST		PAOLA	KS	66071-1139
BUEHNER CONSTRUCTION INC	3158 S MAIN ST		SALT LAKE CTY	UT	84115-3750
BUFFALO GAP INSTRUMENTATION & ELECTRICAL COMPANY I	2532 AYMOND ST		EUNICE	LA	70535-6843
BULLEY & ANDREWS MASONRY RESTORATION LLC	1755 W ARMITAGE AVE		CHICAGO	IL	60622-1189
BUSH TURF INC	6800 78TH AVE W		MILAN	IL	61264-4146
BUTT CONSTRUCTION COMPANY INCORPORATED	3858 GERMANY LN		DAYTON	OH	45431-1607
CADY AQUASTORE	383 IL HWY 92		TAMPICO	IL	61283
CAM DEVELOPMENT GROUP INC	1891 OLD GRANART RD STE A		SUGAR GROVE	IL	60554-9428
CANNON UTILITY SERVICES LLC	1320 E STATE ROUTE 15		BELLEVILLE	IL	62220-4803
CANYON PLUMBING INC	PO BOX 295		ASH FLAT	AR	72513-0295

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CAPITOL CONSTRUCTION MANAGEMENT INC	PO BOX 2227		LOWELL	AR	72745-2185
CAPITOL CONSTRUCTION SERVICES OF INDIANA INC	11051 VILLAGE SQUARE LN		FISHERS	IN	46038-4552
CARBON ACTIVATED CORPORATION	2250 S CENTRAL AVE		COMPTON	CA	90220-5311
CARDINAL INTERNATIONAL GROOVING & GRINDING LLC	PO BOX 450		CONSHOHOCKEN	PA	19428-0450
CARPORT STRUCTURES CORPORATION	1825 METAMORA RD		OXFORD	MI	48371-2419
CARSTENSEN CONTRACTING INC	800 QUARTZITE ST		DELL RAPIDS	SD	57022-1818
CAS CONSTRUCTORS LLC	3500 SW FAIRLAWN RD STE 200		TOPEKA	KS	66614-3979
CASEY INDUSTRIAL INC	890 W CHERRY ST		LOUISVILLE	CO	80027-3050
CASH DEPOT LIMITED WISCONSIN	1740 COFRIN DR STE 2		GREEN BAY	WI	54302-2086
CATALYST AIR MANAGEMENT INC	2505 BYINGTON SOLWAY RD		KNOXVILLE	TN	37931-3854
CB INDUSTRIES INC	17250 NEW LENOX RD		JOLIET	IL	60433-9758
CB RECOVERY GROUP INC	1821 WALDEN OFFICE SQ STE 395		SCHAUMBURG	IL	60173-4285
CCC GROUP INC	PO BOX 200350		SAN ANTONIO	TX	78220-0350
CEI MICHIGAN LLC	PO BOX 310		HAMBURG	MI	48139-0310
CELLSITE SOLUTIONS LLC	1720 I AVE NE		CEDAR RAPIDS	IA	52402-5205
CEMROCK LANDSCAPES INC	4790 S JULIAN AVE		TUCSON	AZ	85714-2123
CENTER LINE ELECTRIC INC.	PO BOX 1047		BELLS	TN	38006-1047

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CENTRAL BUILDING & PRESERVATION LP	1071 W FRY ST		CHICAGO	IL	60642-5422
CENTRIC SECURITY & AUTOMATION INC	103 LANTER CT		COLLINSVILLE	IL	62234-6124
CENTURY FIRE PROTECTION LLC	3450 SATELLITE BLVD		DULUTH	GA	30096-4643
CERAM ENVIRONMENTAL INC	7304 W 130TH ST STE 140		OVERLAND PARK	KS	66213-2644
CFE INC	35 INDUSTRIAL PARK BLVD	BOX 1255	ELMIRA	NY	14901-1723
CHA TECH SERVICES LLC	3 WINNERS CIR		ALBANY	NY	12205-1161
CHAPMAN CANOPY INC	PO BOX 3527		HUEYTOWN	AL	35023-0527
CHARLES E MAHONEY CO	208 SERVICE ST		SWANSEA	IL	62226-3995
CHARPS LLC	453 TOWER ST NW		CLEARBROOK	MN	56634-4289
CHATTANOOGA BOILER & TANK CO INC	1011 E MAIN STREET		CHATTANOOGA	TN	37408
CHEMPRO SERVICES INC	3311 GULF BREEZE PKWY # 350		GULF BREEZE	FL	32563-3351
CHERNE CONTRACTING CORPORATION	3555 FARNAM ST		OMAHA	NE	68131-3311
CHOATE CONSTRUCTION COMPANY	8200 ROBERTS DR STE 600		ATLANTA	GA	30350-4148
CHRISTENSEN REFRACTORY	1245 LAREDO AVE		PISGAH	IA	51564-4037
CJ DRILLING INC	19N041 GALLIGAN RD		DUNDEE	IL	60118-9536
CL CONSTRUCTION LLC	1927 COUNTY ROAD I		WAHOO	NE	68066-4074
CLASSIC INDUSTRIAL SERVICES INC	456 HIGHLANDIA DR		BATON ROUGE	LA	70810-5906

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CLASSIC PROTECTIVE COATINGS INC	N7670 STATE RD 25		MENOMONIE	WI	54751
CLOVER SIGNS LLC	932 W NATIONAL AVE		BRAZIL	IN	47834-2440
CMC ELECTRIC INC	PO BOX 938		MARYVILLE	IL	62062-0938
CNR CONTRACTORS INC	15479 STATE HIGHWAY 15		KIMBALL	MN	55353-9788
COACH HOUSE INC	PO BOX 320		ARTHUR	IL	61911
COASTAL ENVIRONMENTAL GROUP INC	7 POLICE PLZ		POTOSI	MO	63664-1877
COASTAL QUALITY CONSTRUCTION INC.	4705 BROOKPARK RD		PARMA	OH	44134-1013
CODE USA LP	19785 W 12 MILE RD # 335		SOUTHFIELD	MI	48076-2584
COLCON INDUSTRIES CORPORATION	PO BOX 647		SULLIVAN	IL	61951-0647
COLUMBIA CONSTRUCTION INC	PO BOX 445		SPRING HILL	KS	66083-0445
COMBES CONSTRUCTION LLC	6925 W 206TH ST UNIT C		BUCYRUS	KS	66013-9347
COMMERCE CONSTRUCTION INC	695 N 40TH ST		SPRINGDALE	AR	72762-0602
COMMERCIAL IRRIGATION & TURF INC	109 COMMERCIAL DR		EAST PEORIA	IL	61611-7002
COMMONWEALTH ELECTRIC COMPANY OF THE MIDWEST	3910 SOUTH ST		LINCOLN	NE	68506-5220
COMPLETE GENERAL CONSTRUCTION CO	1221 E 5TH AVE		COLUMBUS	OH	43219-2456
CONCO SERVICES CORPORATION	135 SYLVAN ST		VERONA	PA	15147-1032
CONCORD TANK CORPORATION	PO BOX 5207		CONCORD	NC	28027-1503

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CONCRETE EXPRESSIONS LLC	291 E GLENN MILLER DR		CLARINDA	IA	51632-2736
CONCRETE SYSTEMS COMPANY LLC	121 EDWARDS DR		JACKSON	TN	38301-7716
CONLEY SITEWORK & UTILITIES INC	PO BOX 715		EUDORA	KS	66025-0715
CONNECTED TECHNOLOGIES LLC	PO BOX 1983		ATHENS	GA	30603-1983
CONSTRUCTION DESIGNWORKS LLC	6657 WOODLAND DR		SHAWNEE	KS	66218-9745
CONSTRUCTION ENTERPRISES INC	2179 EDWARD CURD LN STE 100		FRANKLIN	TN	37067-5789
CONSTRUCTORS INCORPORATED	207 WILLARD DR		O FALLON	IL	62269-2241
CONTEGRA SERVICES LLC	22 GTWAY COMM CTR W 110		EDWARDSVILLE	IL	62025
CONTINENTAL CONSTRUCTION COMPANY OF TENNESSEE INC	5646 SHELBY OAKS DR		MEMPHIS	TN	38134-7315
CONTINENTAL POOLS INC	805 E WARREN ST		GARDNER	KS	66030-1619
CONWAY PHILLIPS HOLDING LLC	13A TALBOT AVE		BRADDOCK	PA	15104-1113
COOPER RAIL SERVICE INC	PO BOX 199		HUNTINGBURG	IN	47542-0199
COOPERS STEEL FABRICATORS	PO BOX 149		SHELBYVILLE	TN	37162-0149
CORCO CONSTRUCTION LLC	15104 PRIDE VALLEY RD		LITTLE ROCK	AR	72223-4934
CORNERSTONE FCE SERVICES LLC	8811 TEEL PKWY UNIT 6074		FRISCO	TX	75035-4258
CORNHUSKER INSULATION LLC	2201 RIVER ROAD DR		WATERLOO	NE	68069-3407

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CORRECTIVE ASPHALT MATERIALS LLC	PO BOX 87129		SOUTH ROXANA	IL	62087-7129
CORROTEC INC	1125 W NORTH ST		SPRINGFIELD	OH	45504-2713
CORRTECH INC	714 OLD VANDIVER DR		CANTON	GA	30114-7465
COTTON COMMERCIAL USA INC	5443 KATY HOCKLEY CUT OFF RD		KATY	TX	77493-7008
COUNTY CONTRACTORS INC	PO BOX 3522		QUINCY	IL	62305-3522
COWIN & CO INC MINING ENGINEERS AND CONTRACTORS	PO BOX 19009		BIRMINGHAM	AL	35219-9009
CRAMER AND ASSOCIATES INC	3100 SW BROOKSIDE DR		GRIMES	IA	50111-4977
CREEK ELECTRIC INCORPORATED	2811 W PAWNEE ST		WICHITA	KS	67213-1819
CROOKHAM CONSTRUCTION LLC	PO BOX 339		TONGANOXIE	KS	66086-0339
CROWDERGULF LLC	5629 COMMERCE BLVD E		MOBILE	AL	36619-9225
CROWN CORR INC	7100 W 21ST AVE		GARY	IN	46406-2499
CSD ENVIRONMENTAL SERVICES INC	2220 YALE BLVD		SPRINGFIELD	IL	62703-3516
CTS CONSTRUCTION INC	7275 EDINGTON DR		CINCINNATI	OH	45249-1064
CUSTOM POOL LLC	32 HOWARD DR		BELLEVILLE	IL	62223-4016
CWPMO INC	1682 LANGLEY AVE		IRVINE	CA	92614-5620
D & D INDUSTRIAL CONTRACTING INC	101 MULLEN DR		WALTON	KY	41094-9607
D & L EXCAVATING INC	1958 HIGHWAY 104		LIBERTY	IL	62347-2141
D AND R HEATING AND AIR INC	1943 LEE LN		CENTRALIA	IL	62801-8756

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D5 IRON WORKS INC	18000 JEFFERSON ST		UNION	IL	60180-9440
DADE CONSTRUCTION LLC	PO BOX 4090		KANSAS CITY	KS	66104-0090
DATA CLEAN CORPORATION	1033 GRACELAND AVE		DES PLAINES	IL	60016-6511
DAVACO LP	4050 VALLEY VIEW LANE	STE 150	IRVING	TX	75038
DAVIS CONSTRUCTION	2143 NE HIGHWAY 7		COLUMBUS	KS	66725-2093
DBK CONSTRUCTION AND SERVICE SOLUTIONS INC	398 S SHELL RD		DEBARY	FL	32713-1822
DECKER CONSTRUCTION INC	PO BOX 254		COFFEYVILLE	KS	67337-0254
DECKER ELECTRIC INC	4500 W HARRY ST		WICHITA	KS	67209-2736
DEFINITIVE HOME AND DESIGN INCORPORATED	1820 ORR LN		O FALLON	IL	62269-6220
DEJAGER CONSTRUCTION INC	75 60TH ST SW		WYOMING	MI	49548-5771
DELAWARE ELEVATOR INC	2210 ALLEN DR		SALISBURY	MD	21801-8059
DELTA CONCRETE AND INDUSTRIAL CONTRACTING INC	51825 GRATIOT AVE		CHESTERFIELD	MI	48051-2014
DENHAM BLYTHE COMPANY INC	PO BOX 11636		LEXINGTON	KY	40576-1636
DENISON DRYWALL CONTRACTING INC	PO BOX 453		DENISON	IA	51442-0453
DF CHASE INC	3001 ARMORY DR STE 200		NASHVILLE	TN	37204-3711
DF OSBORNE CONSTRUCTION INC	3310 SW HARRISON ST STE 3		TOPEKA	KS	66611-2252
DIAMOND CONSTRUCTION COMPANY	2000 N 18TH ST		QUINCY	IL	62301-1435

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DIAMOND R INDUSTRIES INC.	351200 E 5400 RD		MARAMEC	OK	74045-1079
DIAMOND SURFACE INC	21025 COMMERCE BLVD STE 900		ROGERS	MN	55374-4697
DIECKER-TERRY MASONRY INC	11327 EIFF RD		MARISSA	IL	62257-1409
DIGI SECURITY SYSTEMS LLC	PO BOX 470708		TULSA	OK	74147-0708
DIMENSION CONSTRUCTION INC	3776 NEW GETWELL RD		MEMPHIS	TN	38118-6014
DIVERSIFIED COMMERCIAL BUILDERS INC	3691 KENNESAW S INDUSTRIAL DR NW		KENNESAW	GA	30144-6513
DIVERSIFIED TRACK WORKS LLC	17671 US HIGHWAY 6		GENESE0	IL	61254-8620
DL SMITH ELECTRICAL CONSTRUCTION INC	1405 SW 41ST ST		TOPEKA	KS	66609-1295
DM2 LLC	1209 COUNTY HIGHWAY J23		CLEARFIELD	IA	50840-8814
DMS RETAIL INTERIORS INC	120 S OLIVE AVE STE 601		WEST PALM BEACH	FL	33401-5535
DN TANKS OF MISSOURI LLC	11 TEAL RD		WAKEFIELD	MA	01880-1223
DON ERBERT LLC	220 N HOLIDAY LN		IOLA	KS	66749-1522
DON JULIAN BUILDERS INC	15521 W 110TH ST		LENEXA	KS	66219-1317
DONALD FITZGERALD	PO BOX 817		MANSON	IA	50563-0817
DORMARK CONSTRUCTION CO	PO BOX 530		GRIMES	IA	50111-0530
DOTSON ELECTRIC COMPANY INC	551 CAL BATSEL RD		BOWLING GREEN	KY	42104-8520
DRC EMERGENCY SERVICES LLC	PO BOX 17017		GALVESTON	TX	77552-7017

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DS ELECTRIC LLC	5336 KNOX ST		MERRIAM	KS	66203-2066
DTLS INCORPORATED	PO BOX 1615		BERNALILLO	NM	87004-1615
DUBUQUE BARGE AND FLEETING SERVICE COMPANY	5 JONES ST		DUBUQUE	IA	52001-7674
DUERSON INC	601 1ST AVE N		ALTOONA	IA	50009-1431
DUINICK INC	PO BOX 208		PRINSBURG	MN	56281-0208
DUN TRANSPORTATION & STRINGING INC	304 REYNOLDS LN		SHERMAN	TX	75092-6839
DUNK FIRE & SECURITY INC	3446 WAGON WHEEL RD		SPRINGDALE	AR	72762-0115
DYKON BLASTING CORP	8120 W 81ST ST		TULSA	OK	74131-2876
DZI CONSTRUCTION INC	9675 NORTHWEST CT		CLARKSTON	MI	48346-1744
E80 PLUS CONSTRUCTORS LLC	7120 PATTON RD		DEFOREST	WI	53532-1836
EBERHART SIGN & LIGHTING CO	104 1ST AVE		EDWARDSVILLE	IL	62025-2574
EBERT CONSTRUCTION CO INC	PO BOX 198		WAMEGO	KS	66547-0198
EBM CONSTRUCTION INC	1014 SHERWOOD RD		NORFOLK	NE	68701-9060
ECKINGER CONSTRUCTION COMPANY	2340 SHEPLER CHURCH AVE SW		CANTON	OH	44706-3093
ECLIPSE COMPANIES LLC	11554 WASHINGTON ST		CHAGRIN FALLS	OH	44023-9213
EDDYS GLASS & DOOR INC	147 W K ST		FOREST CITY	IA	50436-1519
EDNA LUMBER CO INC	PO BOX 820		EDNA	TX	77957-0820
ELECTRICO INC	7706 WAGNER RD		MILLSTADT	IL	62260-2910
ELECTRICOMM INC	PO BOX 8324		TOPEKA	KS	66608-0324

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ELECTROMAGNETIC SHIELDING INC.	115 JULIAD CT STE 103		FREDERICKSBURG	VA	22406-1100
ELEVATOR SAFETY INSPECTION SERVICES INC	415 N MCKINLEY ST STE 685		LITTLE ROCK	AR	72205-3010
ELLIOTT ELECTRICAL INC	22095 INTERSTATE 30 S		BRYANT	AR	72022-8581
ELLSWORTH ELECTRIC INC	4425 N HIGHWAY 81		DUNCAN	OK	73533-8950
EMBREE CONSTRUCTION GROUP INC OF TEXAS	4747 WILLIAMS DR		GEORGETOWN	TX	78633-3799
EMCO CHEMICAL DISTRIBUTORS INC	8601 95TH ST		PLEASANT PR	WI	53158-2205
EMERALD TRANSFORMER PPM LLC	PO BOX 3070		MCKINNEY	TX	75070-8182
EMJ CORPORATION	2034 HAMILTON PLACE BLVD STE 400		CHATTANOOGA	TN	37421-6102
EMPIRE AG LLC	306 SW DRIFTWOOD DR		ANKENY	IA	50023-4407
ENCOMPASS IDBO LLC	10551 BARKLEY ST STE 502		OVERLAND PARK	KS	66212-1820
ENERGY ERECTORS INC	31588 PROGRESS RD		LEESBURG	FL	34748-8781
ENGINEERED FLUID INC	PO BOX 723		CENTRALIA	IL	62801-9111
ENGLEWOOD CONSTRUCTION INC	80 MAIN ST		LEMONT	IL	60439-3622
ENVIROCON INC	PO BOX 16655		MISSOULA	MT	59808-6655
ENVIRONMENTAL FABRICS INC	85 PASCON CT		GASTON	SC	29053-8507
EPCS COMPANY	1241 S 31ST ST W		BILLINGS	MT	59102-7314
EPOXY KC LLC	PO BOX 861253		SHAWNEE	KS	66286-1253
ERLINGER CONSTRUCTION CO INC	2502 S BELT W		BELLEVILLE	IL	62226-6796

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ERV SMITH SERVICES INC	1225 TRUAX BLVD		EAU CLAIRE	WI	54703-1468
ESSI LLC	1400 W SHADY GROVE RD		GRAND PRAIRIE	TX	75050-7117
EVCO NATIONAL	PO BOX 407		EAST ALTON	IL	62024-0407
EVERGREEN CAISSONS INC.	PO BOX 172109		DENVER	CO	80217-2109
F & M CONTRACTORS INC	PO BOX 149		CLAYTON	OH	45315-0149
F L CRANE & SONS INC	PO BOX 428		FULTON	MS	38843-0428
FAHRNER ASPHALT SEALERS L.L.C.	2800 MECCA DR		PLOVER	WI	54467-3224
FALL ZONE CONSTRUCTION LLC	18601 GREENE ST		WASHINGTON	NE	68068-4000
FARABEE MECHANICAL INC	PO BOX 1748		HICKMAN	NE	68372-1748
FAUGHN ELECTRIC INC	5980 OLD MAYFIELD RD		PADUCAH	KY	42003-9296
FCL BUILDERS LLC	1150 Spring Lake Dr		Itasca	IL	60143-2066
FEDERAL FIRE AND SECURITY LLC	PO BOX 1782		OWENSBORO	KY	42302-1782
FEDERAL STEEL & ERECTION CO	PO BOX 238		EAST ALTON	IL	62024-0238
FICKETT STRUCTURAL SOLUTIONS INC	3148 DEMING WAY STE 160		MIDDLETON	WI	53562-1486
FIRE & SECURITY SOLUTIONS GROUP INC	11240 STRANG LINE RD		LENEXA	KS	66215-4039
FIRELAKE CONSTRUCTION INC	1011 E 31ST ST		LAWRENCE	KS	66046-5103
FIRELINE SPRINKLER LLC	1329 W GRAND AVE STE 1A		PORT WASHINGTON	WI	53074-2010
FIRST DRILLING LLC	2990 N TOWNSEND AVE		MONTROSE	CO	81401-6018

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FISHER SMITH INC	1564 HILL TOP RD		COLUMBIA	IL	62236-4536
FLAME ON INC	12632 WAGNER RD		MONROE	WA	98272-9732
FLEETWOOD SERVICES LLC	4311 WILLOW ST		DALLAS	TX	75226-1131
FLORIDA INSTITUTE OF TECHNOLOGY INC	150 W UNIVERSITY BLVD		MELBOURNE	FL	32901-6975
FORD AUDIO VIDEO SYSTEMS LLC	4800 W I 40 SERVICE RD		OKLAHOMA CITY	OK	73128-1208
FORT SMITH STRUCTURAL INC	PO BOX 180249		FORT SMITH	AR	72918-0249
FOSTER ROOFING INC	3357 WAGON WHEEL RD		SPRINGDALE	AR	72762-0106
FOUNDATION SERVICE CORP	PO BOX 120		HUDSON	IA	50643-0120
FRANCE MECHANICAL CORP	PO BOX 646		EDWARDSVILLE	IL	62025-0646
FRANCIS ENERGY LLC	1924 E 6TH ST		TULSA	OK	74104-3242
FRANK W SCHAEFER INC	1300 GRANGE HALL RD		BEAVERCREEK	OH	45430-1013
FREEDOM CONCRETE LLC	PO BOX 731		DE SOTO	KS	66018-0731
FREEDOM FIRE PRO LLC	811 LESTER LN		ROGERS	AR	72756-9814
FREYALDENHOVEN MECHANICAL INC	1101 FRONT ST		CONWAY	AR	72032-4307
FRONTIER AG INC	PO BOX 998		GOODLAND	KS	67735-0998
FRONTIER BUILDING CORP	2950 SW 27TH AVE STE 300		MIAMI	FL	33133-3765
FRONTIER MECHANICAL LC	PO BOX 71487		SALT LAKE CTY	UT	84171-0487
FRONTZ DRILLING INC	2031 MILLERSBURG RD		WOOSTER	OH	44691-9460
FSG FACILITY SOLUTIONS GROUP INC	4401 W GATE BLVD STE 310		AUSTIN	TX	78745-1494

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FULCRUM EXPRESS INC	1945 THE EXCHANGE SE STE 400		ATLANTA	GA	30339-2090
FULSOM BROTHERS INC	PO BOX 522		CEDAR VALE	KS	67024-0522
FULTON TECHNOLOGIES INC	1430 BRADLEY LN STE 196		CARROLLTON	TX	75007-4952
FUSION PROS LLC	24434 240TH ST		SLEEPY EYE	MN	56085-5056
G & L TANK SANDBLASTING AND COATINGS LLC	2101 HIGHWAY 64 W		SHELBYVILLE	TN	37160-6328
G B CONSTRUCTION LLC	PO BOX 1305		LOUISBURG	KS	66053-1305
G.A. RICH & SONS INC	PO BOX 50		DEER CREEK	IL	61733-0050
G4CM LLC	12903 PIONEER TRL		EDEN PRAIRIE	MN	55347-4112
GALA SYSTEMS INC	3185 FIRST STREET		ST HUBERT CANADA	QC	J3Y 8Y6
GALLAGHER ASPHALT CORPORATION	18100 INDIANA AVE		THORNTON	IL	60476-1276
GARRISON PLUMBING INC	15430 S MAHAFFIE ST		OLATHE	KS	66062-2755
GATOR SIGN COMPANY INC	1027 KAREY ANDREWS RD		MCCOMB	MS	39648-9446
GAYLOR ELECTRIC INC	5750 CASTLE CREEK PARKWAY NORTH DR STE 400		INDIANAPOLIS	IN	46250-4337
GELLY EXCAVATING & CONSTRUCTION INC	13297 PLOCHER WAY		HIGHLAND	IL	62249-4543
GEMCO CONSTRUCTORS LLC	6525 GUION RD		INDIANAPOLIS	IN	46268-4808
GEOSTABILIZATION INTERNATIONAL LLC	4475 E 74TH AVE STE A		COMMERCE CITY	CO	80022-1494
GERALD N CANDITO CONSTRUCTION CORP	3580 CANTRELL INDUSTRIAL CT NW		ACWORTH	GA	30101-6401
GERARD TANK & STEEL INC	PO BOX 513		CONCORDIA	KS	66901-0513

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GERARDO OLAGUE-MARTINEZ	2241 S TERRACE DR		WICHITA	KS	67218-5027
GIBALTAR CONSTRUCTION COMPANY INC	42 HUDSON ST STE A207		ANNAPOLIS	MD	21401-8537
GIBSON TECHNICAL SERVICES INC	230 MOUNTAIN BROOK CT		CANTON	GA	30115-9019
GIFFIN INC	1900 BROWN RD		AUBURN HILLS	MI	48326-1701
GLASS DESIGN INC	PO BOX 568		SAPULPA	OK	74067-0568
GLEESON ASPHALT INC	2800 W MAIN ST		BELLEVILLE	IL	62226-6612
GLOBAL EMPIRE LLC	115 OVERLOOK RD		POMONA	NY	10970-2118
GLOBAL SCAFFOLDING & INSULATION LLC	14115 E APACHE ST		TULSA	OK	74116-1410
GOETTLE EQUIPMENT COMPANY	12071 HAMILTON AVE		CINCINNATI	OH	45231-1032
GOLDEN SANDS GENERAL CONTRACTORS INC	800 S DOUGLAS RD		CORAL GABLES	FL	33134-3125
GOODART CONSTRUCTION INC	26685 WAVERLY RD		PAOLA	KS	66071-4135
GOOLSBY INC	3002 W MAIN ST		BLYTHEVILLE	AR	72315-8600
GORDON ENERGY AND DRAINAGE COMPANY	15735 S MAHAFFIE ST		OLATHE	KS	66062-4038
GRANITE TRANSFORMATIONS	14125 MARSHALL DR		LENEXA	KS	66215-1300
GREAT PLAINS STRUCTURES LLC	3301 LABORE RD		SAINT PAUL	MN	55110-5149
GREAT WESTERN BUILDERS INC	PO BOX 1717		COLLIERVILLE	TN	38027-1717
GREYTHON CONSTRUCTION LLC	31 WATER ST		MYSTIC	CT	06355-2568

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GRIFFIN CONTRACT DEWATERING LLC	5306 CLINTON DR		HOUSTON	TX	77020-7912
GROOM CONSTRUCTION CO INC	96 SWAMPSCOTT RD		SALEM	MA	01970-1795
GUS CONST CO INC	PO BOX 77		CASEY	IA	50048-0077
GUSTAFSON & GOUDGE INC	PO BOX 28		CLEARBROOK	MN	56634-0028
GUY ROOFING INC	201 JONES RD		SPARTANBURG	SC	29307-5424
GYPSUM FLOORS OF AR OK INC	PO BOX 1707		MULDROW	OK	74948-1707
H & D UNDERGROUND INC	24434 240TH ST		SLEEPY EYE	MN	56085-5056
H & H SYSTEMS & DESIGN INC	135 W MARKET ST		NEW ALBANY	IN	47150-3561
H & M INDUSTRIAL SERVICES INC	PO BOX 200		JACKSON	TN	38302-0200
H AND M CONSTRUCTION CO INC	PO BOX 200		JACKSON	TN	38302-0200
HABASIT AMERICA INC	2670 LEISCZS BRIDGE RD UNIT 200		LEESPORT	PA	19533-9433
HABCO INC	248 E BERG RD		SALINA	KS	67401-8907
HALEY CONSTRUCTION INC	9 AVIATOR WAY		ORMOND BEACH	FL	32174-2983
HALL CONTRACTING OF KENTUCKY INC	PO BOX 37270		LOUISVILLE	KY	40233-7270
HAMON CUSTODIS INC	PO BOX 1500		SOMERVILLE	NJ	08876-1251
HANNA DESIGN GROUP INC	650 E ALGONQUIN RD STE 405		SCHAUMBURG	IL	60173-3853
HANSEN RICE INC	1717 E CHISHOLM DR		NAMPA	ID	83687-6846
HARBOUR CONSTRUCTION INC	2717 S 88TH ST		KANSAS CITY	KS	66111-1757

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HARCO SERVICES LLC	PO BOX 2347		KENNESAW	GA	30156-9105
HAROLD COFFEY CONSTRUCTION CO INC	P.O. BOX 300		HICKMAN	KY	42050
HARVEY NASH INC	1700 STATE ROUTE 23 STE 100		WAYNE	NJ	07470-7529
HASTCO INC	2801 NW BUTTON RD		TOPEKA	KS	66618-1457
HAWKEYE INSULATION SPECIALISTS INC	755 64TH AVENUE CT SW STE A		CEDAR RAPIDS	IA	52404-7001
HD PAINTING AND STAIN LLC	1201 STATE STREET RD		BELLEVILLE	IL	62220-2855
HEADWATERS CONSTRUCTION COMPANY	639 W 9500 S STE 1		VICTOR	ID	83455-5408
HEALY CONSTRUCTION SERVICES INC	14000 KEELER AVE		CRESTWOOD	IL	60418-2352
HEARTLAND ACCESS SOLUTIONS LLC	8924 NIEMAN RD		OVERLAND PARK	KS	66214-1747
HEIDELBERG ENGINEERING INC	10 FORGE PKWY STE 1		FRANKLIN	MA	02038-3137
HEINEN CUSTOM OPERATIONS INC	PO BOX 182		VALLEY FALLS	KS	66088-0182
HEINTZ POOL & SPA COMPANY	453 MARKETPLACE DR		FREEBURG	IL	62243-4076
HICKEY CONTRACTING COMPANY	PO BOX 68		KEOKUK	IA	52632-0068
HIGH CONCRETE GROUP LLC	PO BOX 10008		LANCASTER	PA	17605-0008
HIGHLAND STEEL ERECTORS INC	PO BOX 590		HELENWOOD	TN	37755-0590
HIGHWAY SIGNING INC	3250 16TH AVE		COUNCIL BLUFFS	IA	51501-7039

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HILLARD ELECTRIC INC	4099 CEDAR COMMERCIAL DR NE		CEDAR SPRINGS	MI	49319-8296
HOFFMANN SILO CORPORATION	6001 49TH ST S		MUSCATINE	IA	52761-1153
HOHL INDUSTRIAL SERVICES INC	770 RIVERVIEW BLVD		TONAWANDA	NY	14150-7880
HOLLAND CONSTRUCTION SERVICES INC.	4495 N ILLINOIS ST STE E		SWANSEA	IL	62226-1005
HOME CENTER CONSTRUCTION INC	420 W ATKINSON RD		PITTSBURG	KS	66762-8634
HOPCO CONSTRUCTION	PO BOX 9008		OMAHA	NE	68109-0008
HORIZON GENERAL CONTRACTORS INC	7315 W ELIZABETH LN		FT WORTH	TX	76116-6444
HORIZONTAL BORING & TUNNELING CO	PO BOX 429		EXETER	NE	68351-0429
HOWARD IMMEL INC	1820 RADISSON ST		GREEN BAY	WI	54302-2057
HUEGERICH CONSTRUCTION INC	PO BOX 891		GRETNA	NE	68028-0891
HUTTON CONTRACTING CO INC	1600 CLIFTY HWY		HINDSVILLE	AR	72738-9167
HYDRA-LUBE	PO BOX 16565		LAKE CHARLES	LA	70616-6565
HYDRO TECHNOLOGIES INC	6200 E HIGHWAY 62 UNIT 100		JEFFERSONVILLE	IN	47130-8769
HYDROCHEM LLC	900 GEORGIA AVE		DEER PARK	TX	77536-2518
ICON INDUSTRIAL SERVICES LLC	5104 J ST SW		CEDAR RAPIDS	IA	52404-4919
IDEAL BUILDING SOLUTIONS LLC	6753 Jones Mill Ct Ste F		Norcross	GA	30092-4379

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IDEAL BUSINESS SOLUTIONS LLC	31 BOLAND CT		GREENVILLE	SC	29615-5730
IES COMMUNICATIONS LLC	5433 WESTHEIMER RD STE 500		HOUSTON	TX	77056-5339
ILLINI DRILLED FOUNDATIONS INC	PO BOX 1351		DANVILLE	IL	61834-1351
IMPACT INSTALLATIONS INC	10091 STREETER RD STE 7		AUBURN	CA	95602-8512
IMPERIAL CRANE SERVICES INC	7500 IMPERIAL DR		BRIDGEVIEW	IL	60455-2395
IMPERIAL ROOF SYSTEMS CO	PO BOX 522		WEST UNION	IA	52175-0522
INDUSTRIAL INSULATION SERVICES INC	2200 W 6TH AVE		EL DORADO	KS	67042-3166
INDUSTRIAL MAINTENANCE OF TOPEKA INC	4501 NW US HIGHWAY 24		TOPEKA	KS	66618-3809
INDUSTRIAL PLANT SERVICES NATIONAL LLC	51410 MILANO DR STE 110		MACOMB	MI	48042-4015
INDUSTRIAL ROOFING & CONSTRUCTION LLC	1128 HIGHWAY 2		STERLINGTON	LA	71280-3066
INDUSTRIAL STEEL ERECTORS INC	2728 N CLARK ST		DAVENPORT	IA	52804-1300
INDUSTRY SERVICES CO INC	6265 RANGELINE RD		THEODORE	AL	36582-5245
INGRAM CONSTRUCTION COMPANY INC OF MADISON MISSISS	PO BOX 1609		MADISON	MS	39130-1609
INNOVATIVE COMBUSTION TECHNOLOGIES INC	10 COMMERCE DR		PELHAM	AL	35124-1847
INNOVATIVE CONSTRUCTION SOLUTIONS INC	21675 GATEWAY RD		BROOKFIELD	WI	53045-5137

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INNOVATIVE INSTALLATION SERVICES INC	6320 W BRUNS ROAD		MONEE	MO	60401
INSULATION TECHNOLOGIES INC	2007 BUTTON LN		LA GRANGE	KY	40031-8726
INTEGRATED ENVIRONMENTAL SERVICES INC	PO BOX 490815		BLAINE	MN	55449-0815
INTERCON CONSTRUCTION INC	5512 STATE ROAD 19 AND 113		WAUNAKEE	WI	53597-9530
INTERNATIONAL CONTRACTORS INC	977 S IL ROUTE 83		ELMHURST	IL	60126-4966
INTERNATIONAL RIGGING GROUP LLC	955 E MLK JR DR # E		TARPON SPRINGS	FL	34689
INTERNATIONAL STRAIGHTENING INC	1218 HORSEMAN PL		BISMARCK	ND	58501-7789
INTERNATIONAL TOWERS LLC	117 S LEXINGTON ST # 100		HARRISONVILLE	MO	64701-2444
INTERSTATE GRINDING LLC	5505 E EL DELMO ST		GARDEN CITY	KS	67846-9632
INTERSTATE RESTORATION MISSOURI LLC	3401 QUORUM DR STE 300		FORT WORTH	TX	76137-3621
INTEX CONSTRUCTION LLC	3802 N 135TH ST W		MAIZE	KS	67101-9535
IOWA CIVIL CONTRACTING INC	1106 3RD ST		VICTOR	IA	52347-7722
IOWA TRENCHLESS LC	PO BOX 846		PANORA	IA	50216-0846
IVS HYDRO INC	PO BOX 245		WAVERLY	WV	26184-0245
J & D CONSTRUCTION INC	PO BOX 446		MONTEVIDEO	MN	56265-0446
J HAWK PLUMBING INC	3615 W MAPLE ST		WICHITA	KS	67213-2453
J WILKINSON INC	2964 PETTICOAT JUNCTION LN		GLEN CARBON	IL	62034-3265

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J4 DEVELOPMENT LP	1700 JAY ELL DR STE 100		RICHARDSON	TX	75081-1601
JA WEVER CONSTRUCTION LLC	PO BOX 1802		NORTH PLATTE	NE	69103-1802
JACK A FARRIOR INC	9585 US 264A		FARMVILLE	NC	27828-9548
JACK R GAGE REFRIGERATION INC	700 W 1700 S BLDG 29104		LOGAN	UT	84321-6541
JACKOVIC CONSTRUCTION COMPANY LLC	300 MOUNT LEBANON BLVD STE 211A		PITTSBURGH	PA	15234-1534
JACKSON DEAN CONSTRUCTION INC	19835 SE 248TH ST		MAPLE VALLEY	WA	98038-8769
JACOBS GROUP GENERAL CONTRACTORS INC	3515 MATTINGLY RD		BUCKNER	KY	40010-8801
JACOBS LADDER INC	2325 COBDEN SCHOOL RD		COBDEN	IL	62920-3489
JAG BUILDING GROUP INC	5227 SW 27TH PL		CAPE CORAL	FL	33914-6639
JAKES ELECTRIC LLC	207 ALLEN ST		CLINTON	WI	53525-9498
JAMES AGRESTA CARPENTRY	150 ENGLISH ST		HACKENSACK	NJ	07601-3937
JAMES HUNT CONSTRUCTION CO INC	1865 SUMMIT RD		CINCINNATI	OH	45237-2803
JAMES N GRAY CONSTRUCTION CO INC	PO BOX 8330		LEXINGTON	KY	40533-8330
JANET MARSHALL CONSTRUCTION INC	10245 LOCUST MOUNTAIN RD		MOUNTAINBURG	AR	72946-3308
JANSEN ELECTRIC COMPANY	4421 N 60TH ST		QUINCY	IL	62305-0640
JARRETT INDUSTRIES INC	PO BOX 87189		SOUTH ROXANA	IL	62087-7189
JASON TANKING CONSTRUCTION LLC	PO BOX 3969		LAWRENCE	KS	66046-0969

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JAYEFF CONSTRUCTION CORPORATION	1800 STATE ROUTE 34 STE 403		WALL TOWNSHIP	NJ	07719-9167
JB HOLLAND CONSTRUCTION INC.	2092 HWY 9 W		DECORAH	IA	52101
JC TOLAND PAINTING L.L.C.	397 NW 43RD PL		DES MOINES	IA	50313-2733
JE SYSTEMS INC	PO BOX 6246		FORT SMITH	AR	72906-6246
JED INSTALLATION LLC	2722 N 155TH ST		BASEHOR	KS	66007-9253
JESCO INC	2020 MCCULLOUGH BLVD		TUPELO	MS	38801-7108
JETTON GENERAL CONTRACTING INC	215 UNION ST # 400		JONESBORO	AR	72401-2814
JETT'S MECHANICAL LLC	913 PARK AVE		PADUCAH	KY	42001-7056
JF BRENNAN COMPANY INC	PO BOX 2557		LA CROSSE	WI	54602-2557
JIM RIVER FENCING LLC	45275 299TH ST		IRENE	SD	57037-6002
JM SERVICES INC	5610 INTERSTATE AVE		BILLINGS	MT	59101-6318
JOE R JONES CONSTRUCTION INC	PO BOX 873		WEATHERFORD	TX	76086-0873
JOHN A PAPALAS & CO INC	1187 EMPIRE AVE		LINCOLN PARK	MI	48146-2099
JOHN E GREEN COMPANY	220 VICTOR ST		HIGHLAND PARK	MI	48203-3116
JOHN P DUFFY CONSTRUCTION COMPANY INC	13220 METCALF AVE STE 365		OVERLAND PARK	KS	66213-2844
JOHN R LOGAN ENTERPRISES INC	11550 S MAIN ST		TRENTON	GA	30752-2833
JOHNSONS BUILDERS	1455 HODGES FERRY RD		DOYLE	TN	38559-3001
JOLLY ROOFING AND CONTRACTING CO INC	711 CHANEY CV		COLLIERVILLE	TN	38017-2993
JRCT INCORPORATED	2098 TOM AUSTIN HWY		GREENBRIER	TN	37073-5192

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JT BUILD LLC	102 MILLERSBURG RD		POCAHONTAS	IL	62275
JUN CONSTRUCTION CO. INC.	PO BOX 263		GODFREY	IL	62035-0263
JVR CONSTRUCTION COMPANY INC	4700 E 53RD ST		DAVENPORT	IA	52807-3479
KADILEX CONSTRUCTION INC	PO BOX 348		WOOD RIVER	IL	62095-0348
KAISER ELECTRICAL CONTRACTORS INC	340 ERIE AVE		MORTON	IL	61550-9600
KALMAN FLOOR COMPANY	1680 E 69TH AVE		DENVER	CO	80229-7327
KAMADULSKI EXCAVATING & GRADING CO INC	4336 HIGHWAY 162		GRANITE CITY	IL	62040-6409
KANE FIRE PROTECTION INC	170 E ALTON AVE		EAST ALTON	IL	62024-1443
KANSAS DUSTROL INC	PO BOX 308		TOWANDA	KS	67144-0308
KANSAS TURF LLC	601 E WYANDOTTE ST		MERIDEN	KS	66512-9169
KANTEX INDUSTRIES INC	1320 S HAMILTON CIR		OLATHE	KS	66061-7241
KARR TUCKPOINTING LLC	PO BOX 417		VINTON	IA	52349-0417
KASBOHM CUSTOM DRILLING INC	11404 OAKTON RD		SAVANNA	IL	61074-8636
KBS CONSTRUCTORS INC	1701 SW 41ST ST		TOPEKA	KS	66609-1252
KC ELECTRICAL CONTRACTORS LLC	7312 LEISURELY DR		EFFINGHAM	KS	66023-5041
KEA CONSTRUCTORS LLC	PO BOX M		MILFORD	NE	68405-0623
KEELEY & SONS INC	6303 COLLINSVILLE RD		E SAINT LOUIS	IL	62201-2523
KEEN COMPANY INC	PO BOX 2143		INDIANAPOLIS	IN	46206-2143
KEN CRANE	311 E BOOTH ST		TAMPICO	IL	61283-7793

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KENDALL CONSTRUCTION INC	2551 NW BUTTON RD		TOPEKA	KS	66618-1411
KENDREK ELECTRIC INC	PO BOX 9411		WICHITA	KS	67277-0411
KING MECHANICAL CONTRACTORS INC	PO BOX 16608		CHATTANOOGA	TN	37416-0608
KING OF TEXAS ROOFING COMPANY LP	307 GILBERT CIR		GRAND PRAIRIE	TX	75050-6579
KINLEY CONSTRUCTION GROUP LP	7301 COMMERCIAL BLVD E		ARLINGTON	TX	76001-7149
KINZLER CONSTRUCTION SERVICES INC	700 SE ORALABOR RD		ANKENY	IA	50021-5616
KIRK CONCRETE CONSTRUCTION INC	640 CENTRAL EXPY		MELISSA	TX	75454-2230
KIRK GROSS COMPANY	PO BOX 2097		WATERLOO	IA	50704-2097
KLAVER CONSTRUCTION COMPANY INC	PO BOX 9163		WICHITA	KS	67277-0163
KNUTSON BROTHERS INC	PO BOX 353		REDWOOD FALLS	MN	56283-0353
KOOPS INC	987 PRODUCTIONS CT		HOLLAND	MI	49423-9219
KORTE & LUITJOHAN CONTRACTORS INC	12052 HIGHLAND RD		HIGHLAND	IL	62249-1342
KOSS CONSTRUCTION COMPANY	5830 SW DRURY LN		TOPEKA	KS	66604-2262
KOVILIC CONSTRUCTION COMPANY INC.	PO BOX 939		FRANKLIN PARK	IL	60131-0939
KRAEMER NORTH AMERICA LLC	PO BOX 220		PLAIN	WI	53577-0220
KRIEWALD ENTERPRISES LLC	1310 COLUMBUS ST		OTTAWA	MO	63135
KRUSE CONTRACTING INC	4374 G RD		WATERLOO	IL	62298-3806

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KRUSE CORPORATION	8971 GREEN VALLEY DR UNIT 1		MANHATTAN	KS	66502-9008
KRYSTAL COMPANIES LLC	6830 W 152ND TER		OVERLAND PARK	KS	66223-3127
KUHLMAN REFRIGERATION INC	N56W16865 RIDGEWOOD DR # 100		MENOMONEE FLS	WI	53051-5656
KVK CONTRACTING INC	727 WESLEY AVE STE 1		TARPON SPGS	FL	34689-6757
L6 INC	PO BOX 1957		BROKEN ARROW	OK	74013-1957
LA MACCHIA GROUP LLC	157 N MILWAUKEE ST		MILWAUKEE	WI	53202-6012
LAFORGE & BUDD CONSTRUCTION COMPANY INC	PO BOX 833		PARSONS	KS	67357-0833
LAKEVIEW CONSTRUCTION LLC	10505 CORPORATE DR STE 200		PLEASANT PRAIRIE	WI	53158-1605
LAND ART LANDSCAPING INC	12429 HOWE DR		LEAWOOD	KS	66209-1451
LANGHAUSER SHEET METAL CO	120 MATTER DR		HIGHLAND	IL	62249-1271
LANHAM INSULATION INC	40 KINGBROOK PKWY STE 4		SIMPSONVILLE	KY	40067
LARSON HARVESTING INC	447 SUNFLOWER RD		WATERVILLE	KS	66548-8904
LATSHAW DRILLING COMPANY LLC	PO BOX 691017		TULSA	OK	74169-1017
LAVENDER INC.	1056 INDUSTRIAL DR	PO BOX 441	ALICEVILLE	AL	35442-2654
LAVORO SERVICES CORP	4415 HARRISON ST STE 402		HILLSIDE	IL	60162-1906
LEE MACHINERY MOVERS INC.	675 CESAR E CHAVEZ AVE		PONTIAC	MI	48340-2459
LEICK CONSTRUCTION INC	22027 221ST ST		GLENWOOD	IA	51534-5389
LEJAS CORPORATION	6202 S MAPLE AVE		TEMPE	AZ	85283-2861

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LEROY C BOWMAN	308 FAWN PARK CIR		COUNCIL BLFS	IA	51503-5465
LEXICON INC	PO BOX 16390		LITTLE ROCK	AR	72231-6390
LIGHTNING FOUNDATIONS INC	1209 COUNTY HIGHWAY J23		CLEARFIELD	IA	50840-8814
LIGHTNING PROTECTION SYSTEMS LLC	PO BOX 540445E		N SALT LAKE	UT	84054-0445
LILJA CORP	229 RICKENBACKER CIR		LIVERMORE	CA	94551-7616
LOCKE AMI LLC	8802 N MERIDIAN ST		INDIANAPOLIS	IN	46260-5380
LOELLKE PLUMBING INC	22974 E COUNTY RD		JERSEYVILLE	IL	62052-3174
LOGAN & COMPANY INC	816 E 10TH ST		COFFEYVILLE	KS	67337-7300
LONE STAR RAILROAD CONTRACTORS INC	PO BOX 1150		ENNIS	TX	75120-1150
LONGS DRILLING SERVICE INC	10554 HIGHWAY 392 W		HARRISON	AR	72601-7771
LOTEMP EQUIPMENT COMPANY	8707 N 29TH ST		OMAHA	NE	68112-1848
LOUISIANA CHEMICAL DISMANTLING CO INC	24 27TH ST		KENNER	LA	70062-4904
LOYD BUILDERS INC	PO BOX 266		OTTAWA	KS	66067-0266
LR MOURNING CO	2230 COTTONDALE LN STE 5		LITTLE ROCK	AR	72202-2048
LSX CONSTRUCTION LLC	34605 W 255TH ST		PAOLA	KS	66071-4213
LYNN ELECTRIC & COMMUNICATIONS INC.	725 N 2ND ST STE K		LAWRENCE	KS	66044-1442
M & J ELECTRIC OF WICHITA LLC	1444 S SAINT CLAIR AVE BLDG D		WICHITA	KS	67213-2938
M & L ELECTRICAL INC	6060 SCOTTSVILLE RD		BOWLING GREEN	KY	42104-0388
M & W CONTRACTORS INC	PO BOX 2510		EAST PEORIA	IL	61611-0510

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MAC INDUSTRIAL SERVICES INC.	604 N MAIN ST	STE 1	ROCHELLE	IL	61068
MACHINE REPAIR INTERNATIONAL	1300 OLIVER RD STE 240		FAIRFIELD	CA	94534-3428
MAGNUM ELECTRIC OF MISSOURI INC	471 CHRISTIANSON DR		WEST FARGO	ND	58078-8304
MAHANEY GROUP INC	2822 N MEAD ST		WICHITA	KS	67219-4241
MAJOR REFRIGERATION CO INC	314 W NORTHWESTERN AVE		NORFOLK	NE	68701-6404
MALCOLM DRILLING COMPANY INC	92 NATOMA ST STE 400		SAN FRANCISCO	CA	94105-2685
MANAGEMENT RESOURCE SYSTEMS INC	1907 BAKER RD		HIGH POINT	NC	27263-2007
MANATTS INC	PO BOX 535		BROOKLYN	IA	52211-0535
MAR LAN CONSTRUCTION LC	1008 NEW HAMPSHIRE ST		LAWRENCE	KS	66044-3060
MARC JONES CONSTRUCTION LLC	22171 MCH RD		MANDEVILLE	LA	70471-7774
MASONS LANDSCAPING & CONSTRUCTION SERVICES INC	1716 TUDOR AVE		E SAINT LOUIS	IL	62207-2120
MATHIS EXCAVATING INC	527 QUILLMAN RD		DU QUOIN	IL	62832-4102
MATTCON GENERAL CONTRACTORS INC	PO BOX 98		ZIONSVILLE	IN	46077-0098
MAX TRUE FIREPROOFING CO	PO BOX 1029		JENKS	OK	74037-1029
MC ELECTRIC INC	7648 LL RD		RED BUD	IL	62278-2522
MCAFFEE HENDERSON SOLUTIONS INC	PO BOX 397		OSKALOOSA	KS	66066-0397

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McFARLAND INDOOR COMFORT SERVICES	4008 BRADEN AVE		GRANITE CITY	IL	62040-2201
MCSHANE CONSTRUCTION COMPANY LLC	9550 W HIGGINS RD STE 200		ROSEMONT	IL	60018-4906
ME MECHANICAL INC	2501 ELLINGTON RD		QUINCY	IL	62305-8828
MECHANICAL CONSTRUCTION SERVICES INC	PO BOX 335		NEWARK	AR	72562-0335
MEYER CONTRACTING AND CONSTRUCTION INC	11000 93RD AVE N		MAPLE GROVE	MN	55369-4113
MEYLAN INDUSTRIAL SERVICES INC	3919 S 147TH ST STE 124		OMAHA	NE	68144-5579
MICHAEL R STENZEL	3132 305TH AVE		HAMBURG	IA	51640-4011
MICHIGAN COMMERCIAL CONTRACTORS INC	16745 COMSTOCK ST		GRAND HAVEN	MI	49417-7949
MID AMERICA MILLING COMPANY LLC	6200 E HIGHWAY 62 UNIT 100		JEFFERSONVILLE	IN	47130-8769
MID AMERICA PIPELINE CONSTRUCTION INC	PO BOX 1830		CATOOSA	OK	74015-1830
MID SOUTH INDUSTRIAL INC	PO BOX 609		BELLS	TN	38006-0609
MID STATES INDUSTRIAL INC	519 SHIPYARD RD		SENECA	IL	61360-9203
MIDDENDORF AND REUSS CONSTRUCTION INC	800 S BREEZE STREET STE 1		MILLSTADT	IL	62260
MIDLAND RESTORATION COMPANY INC	PO BOX 247		FORT SCOTT	KS	66701-0247
MIDWEST COATING INC	3830 NW 16TH ST		TOPEKA	KS	66618-2846
MIDWEST CONSTRUCTION PARTNERS INC	1300 E WOODFIELD RD STE 150		SCHAUMBURG	IL	60173-4928

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MIDWEST COOLING TOWERS INC	1156 E HIGHWAY 19		CHICKASHA	OK	73018-6347
MIDWEST CUSTOM POOLS LLC	600 LINCOLN ST		LAWRENCE	KS	66044-5349
MIDWEST LIQUID SYSTEMS INC	1414 21ST AVE	PO BOX 71	ELDORA	IA	50627-1914
MIDWEST MECHANICAL INDUSTRIAL SERVICES	PO BOX 164		LOGAN	IA	51546-0164
MIDWEST MOLE INC	6814 W 350 N		GREENFIELD	IN	46140-9617
MIDWEST MOWING INC	2450 OWENS LN		BRIGHTON	IL	62012-1550
MILESTONE CONSTRUCTION CO LLC	2002 S 48TH ST		SPRINGDALE	AR	72762-5772
MILLER ELECTRICAL CONTRACTING INC	3932 POST OAK RD		SALEM	IL	62881-6644
MILLS UTILITY CONSTRUCTION OF MS INC	714 HIGHWAY 334		OXFORD	MS	38655-9457
MINNESOTA LIMITED LLC	PO BOX 410		BIG LAKE	MN	55309-0410
MIRA ENTERPRISES	9500 IH 20		EASTLAND	TX	76448-5739
MIRON CONSTRUCTION CO INC	PO BOX 509		NEENAH	WI	54957-0509
MISSION MASONRY	7737 MISSION RD		PRAIRIE VLG	KS	66208-4231
MIXER SYSTEMS INC	PO BOX 10		PEWAUKEE	WI	53072-0010
MJ PAINTING CONTRACTOR CORP	291 HOMER ST		OLEAN	NY	14760-1131
MJM SERVICES CONSTRUCTION INC	PO BOX 24006		BELLEVILLE	IL	62223-9006
ML GRAY PARTNERSHIP LLC	1811 GREENVILLE AVE STE 150		DALLAS	TX	75206-6867

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MOCA LOGISTICS AND INDUSTRIAL SOLUTIONS LLC	3800 SAINT ELMO AVE STE 306		CHATTANOOGA	TN	37409-1273
MODIFIED CONCRETE SUPPLIES LLC	6200 E HIGHWAY 62 BLDG 2501		JEFFERSONVILLE	IN	47130-8769
MOLIN CONCRETE PRODUCTS CO INC	415 LILAC ST		LINO LAKES	MN	55014-1098
MOLLERS NORTH AMERICA INC	PO BOX 888820		GRAND RAPIDS	MI	49588-8820
MONARCH BUILD LLC	8100 NEWTON ST STE 300		OVERLAND PARK	KS	66204-3669
MORRISON BROS CONSTRUCTION COMPANY	2134 N 81ST ST		CASEYVILLE	IL	62232-1604
MORRISSEY CONTRACTING COMPANY INC	PO BOX 67		GODFREY	IL	62035-0067
MOSS ROOFING & INSULATION INC	310 HIGHWAY 150 S		WEST UNION	IA	52175-1505
MOTT ELECTRIC LLC	PO BOX 322		PADUCAH	KY	42002-0322
MOUNT FARM DRAINAGE LLC	3313 260TH ST		RIVERTON	IA	51650-6002
MOUNTAIN LOG & TIMBER CONSTRUCTION INC	1344 US HIGHWAY 93 N		VICTOR	MT	59875-9769
MTD ELECTRIC LLC	22004 S WAVERLY RD		SPRING HILL	KS	66083-4548
MTT CO	PO BOX 161		DENISON	IA	51442-0161
MUELLER CONTRACTING LLC	2924 MAUS RD		FULTS	IL	62244-1506
MULTATECH ENGINEERING INC	2821 W 7TH ST STE 400		FORT WORTH	TX	76107-8913
MUNICIPAL PIPE SERVICES INC	1550 NE 51ST AVE		DES MOINES	IA	50313-2123

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MUNICIPAL PIPE TOOL COMPANY LLC	515 5TH ST		HUDSON	IA	50643-7773
MURPHREE FAMILY INVESTMENTS	PO BOX 2094		BATESVILLE	AR	72503-2094
MYLES LORENTZ INC	48822 OLD RIVER BLUFF RD		SAINT PETER	MN	56082-5059
NASHVILLE FABRICATION LLC	2039 HIGHWAY 12 S		ASHLAND CITY	TN	37015-3914
NATCO DESIGN BUILD LLC	PO BOX 77705		BATON ROUGE	LA	70879-7705
NATIONAL BRIDGE	514 ANCLOTE RD		TARPON SPGS	FL	34689-6701
NATIONAL CONDUCTOR CONSTRUCTORS LLC	18119 STATE HIGHWAY 371		BRAINERD	MN	56401-6822
NATIONAL CUSTOM CORPORATE SERVICES INC	3120 MEDLOCK BRIDGE RD STE 100		PEACHTREE CORNERS	GA	30071-1460
NATIONAL ERECTORS & BUILDERS INC	13739 KAYSER RD		HIGHLAND	IL	62249-4619
NATIONAL ROOFING AND SHEET METAL COMPANY	G4130 FLINT ASPHALT DRIVE		BURTON	MI	48529
NATIONAL WELDING CORPORATION	7025 S COMMERCE PARK DR		MIDVALE	UT	84047-1090
NATIONWIDE FENCE AND SUPPLY COMPANY	69951 LOWE PLANK RD		RICHMOND	MI	48062-5365
NBMC INC	PO BOX 300		GREENBRIER	AR	72058-0300
NEESER CONSTRUCTION INC.	2501 BLUEBERRY RD		ANCHORAGE	AK	99503-2656
NELSON INDUSTRIAL SERVICES INC	6021 MELROSE LN		OKLAHOMA CITY	OK	73127-5527
NEMAHA LANDSCAPE CONSTRUCTION INC	541 S 1ST ST STE 1		LINCOLN	NE	68508-2909
NEW LEAF BUILDERS	5215 HAYES ST		SHAWNEE	KS	66203-2139

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NEW TECH CONSTRUCTION INC	PO BOX 39		NEBRASKA CITY	NE	68410-0039
NEW WAVE POOLS & SPAS INC	13312 GILES RD		OMAHA	NE	68138-3467
NEXT LEVEL STRATEGY LLC	1201 N RIVERFRONT BLVD STE 150		DALLAS	TX	75207-4001
NOHAVA CONSTRUCTION INC	51 ST ANDREWS WAY		SIoux CENTER	IA	51250-2955
NORTH AMERICAN ROOFING SERVICES LLC	14025 RIVEREDGE DR STE 600		TAMPA	FL	33637-2088
NORTH CENTRAL SERVICE INC	PO BOX 310		BEMIDJI	MN	56619-0310
NORTH MISSISSIPPI CONVEYOR COMPANY INC	PO BOX 1375		OXFORD	MS	38655-1375
NORTHERN CLEARING INC	28190 STATE HIGHWAY 137		ASHLAND	WI	54806-4601
NORTHERN GENERAL CONTRACTORS INC.	PO BOX 900		PALMER	MA	01069-0900
NORTHSTAR DEMOLITION & REMEDIATION LP	404 N BERRY ST		BREA	CA	92821-3104
NOVINIUM INC	22820 RUSSELL RD		KENT	WA	98032-4892
NU TEC ROOFING CONTRACTORS LLC	5025 EMCO DR		INDIANAPOLIS	IN	46220-4846
NUTRI-JECT SYSTEMS INC	PO BOX 398		HUDSON	IA	50643-0398
OHIO IRRIGATION LAWN SPRINKLER SYSTEMS INC	2109 E SOCIAL ROW RD		DAYTON	OH	45458-4803
OLGOONIK SPECIALTY CONTRACTORS LLC	3201 C ST STE 700		ANCHORAGE	AK	99503-3934
OLYMPUS PAINTING CONTRACTORS INC	556 ANCLOTE RD		TARPON SPGS	FL	34689-6701

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ONEALS ELECTRIC HEATING & COOLING INC	2700 BAUGHMAN CUTOFF RD		HARRISON	AR	72601-6720
OSMENT ROOFING SYSTEMS INC	4201 E NETTLETON AVE		JONESBORO	AR	72401-5560
OTC SERVICES INC	PO BOX 188		LOUISVILLE	OH	44641-0188
OTTO BAUM COMPANY INC	866 N MAIN ST		MORTON	IL	61550-1645
OUTDOOR SYSTEMS INC	660 STATE ROUTE 158		COLUMBIA	IL	62236-3232
P&P ARTEC INC	700 CREEL DR		WOOD DALE	IL	60191-2608
PADGETT BUILDING & REMODELING CO	4200 SMELTING WORKS RD		SWANSEA	IL	62226-2023
PAINT PRO OF MISSOURI INC	6930 W 152ND TER		OVERLAND PARK	KS	66223-3125
PAR RESTORATION SERVICES INC	1934 N 81ST ST		CASEYVILLE	IL	62232-1656
PARK CONSTRUCTION MIDWEST INC	1481 81ST AVE NE		MINNEAPOLIS	MN	55432-1795
PARK DEROCHIE COATINGS AND LININGS LLC	11835 - 28 STREET NE		EDMONTON	AB	T6S 1C8
PARKWAY C&A LP	1000 CIVIC CIR		LEWISVILLE	TX	75067-3493
PARSONS PROJECT SERVICES INC	16055 SPACE CENTER BLVD STE 725		HOUSTON	TX	77062-6269
PATRIOT DRYWALL COMPANY INC	9337 W 53RD ST		SHAWNEE	KS	66203-2113
PATRIOT READY MIXED CONCRETE LLC	6202A OLD FRANCONIA RD		ALEXANDRIA	VA	22310-2529
PAVEWAY SYSTEMS INC	114 INDIAN LAKES LN		FLORAHOME	FL	32140-3614
PAYNE CONSTRUCTION SERVICES LLC	10565 DOWNTHA LN		BUNKER HILL	IL	62014-2855

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PERENNIAL ENVIRONMENTAL I LLC	13100 NORTHWEST FWY STE 160		HOUSTON	TX	77040-6343
PERFECT PLAY FIELDS AND LINKS INC	PO BOX 24006		BELLEVILLE	IL	62223-9006
PERFORMANCE CONTRACTORS INC	PO BOX 83630		BATON ROUGE	LA	70884-3630
PERRETT CONSTRUCTION LTD	PO BOX 32		VALENTINE	NE	69201-0032
PETREE CONSTRUCTION	1100 S D ST		FORT SMITH	AR	72901-4510
PETTUS PLUMBING & PIPING INC	PO BOX 1048		ROGERSVILLE	AL	35652-1048
PIASA COMMERCIAL INTERIORS INC	1001 S MORRISON AVE		COLLINSVILLE	IL	62234-1514
PINNACLE BOILER COMPANY LLC	PO BOX 2407		MISSION	KS	66201-2407
PINNACLE MECHANICAL	PO BOX 133		HORTON	AL	35980-0133
PIONEER GENERAL CONTRACTORS INC	PO BOX 7968		AMARILLO	TX	79114-7968
PIPING CONTRACTORS OF KANSAS INC	115 SW JACKSON ST		TOPEKA	KS	66603-3311
PISHNY REAL ESTATE SERVICES LLC	12202 W 88TH ST		LENEXA	KS	66215-4607
PITRE CONSTRUCTION INC	6835 TOWN HALL RD		BELLEVILLE	IL	62223-8623
PLANT MAINTENANCE SERVICE CORPORATION	3000 FITE RD		MILLINGTON	TN	38053-8334
PLYLERS AT YOUR SERVICE INC	10 CREEK ST		BROOKVILLE	PA	15825-1401
P-N-G CONTRACTING INC	917 CARLA DR		TROY	IL	62294-3153

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POLISHED AND DECORATIVE CONCRETE LLC	8525 PARALLEL PKWY		KANSAS CITY	KS	66112-1746
POLY VINYL ROOFING INC	785 ELBOW CREEK RD		MOUNT VERNON	IA	52314-9732
PORTERS COMMERCIAL REFRIGERATION INC	118 RIDGE DR		GREENBRIER	AR	72058-9652
POWERCLEAN INC.	6808 METRO PARK DR E		FORT WAYNE	IN	46818-9393
POWERSECURE INC	1609 HERITAGE COMMERCE CT		WAKE FOREST	NC	27587-4245
PRAIRIE CENTER PLUMBING HEATING & AIR CONDITIONING	242 N MARION ST		OLATHE	KS	66061-3105
PRAIRIE CONTRACTORS INC	9318 GULFSTREAM RD STE C		FRANKFORT	IL	60423-2538
PRECISION UTILITIES GROUP INC	5916 E STATE BLVD		FORT WAYNE	IN	46815-7637
PREDICTIVE TECHNOLOGIES INC	18827 570TH AVE		AUSTIN	MN	55912-5986
PREFERRED GLOBAL INC	1360 S 10TH ST		NOBLESVILLE	IN	46060-3828
PREMIER STEEL INC	3248 MARTIN LUTHER KING		ANDERSON	IN	46013
PRICE GREGORY INTERNATIONAL INC	24275 KATY FWY STE 500		KATY	TX	77494-7269
PRO ALARM LLC	130 N DUNCAN ST		MARINE	IL	62061
PROBST ELECTRIC INC	441 W POWERLINE RD		HEBER CITY	UT	84032-1277
PRODYN LLC	100 CATHEDRAL ST STE 5		ANNAPOLIS	MD	21401-2702
PROGRESSIVE PLUMBING & PIPING INC	6007 W 8000 S		PAYSON	UT	84651-9724
PROSHOT CONCRETE INC	4158 MUSGROVE DR		FLORENCE	AL	35630-6396

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Contractor Name	Street Address	Street Address 2	City	State	Zip Code
PROSSER WILBERT CONSTRUCTION INC	13730 W 108TH ST		LENEXA	KS	66215-2026
PROTACK LLC	PO BOX 649		MORRIS	IL	60450-0650
PSF MECHANICAL INC	11621 E MARGINAL WAY S # A		TUKWILA	WA	98168-1965
Q3 CONTRACTING INC	3066 SPRUCE ST		LITTLE CANADA	MN	55117-1061
QCI THERMAL SYSTEMS INC	PO BOX 2432		DAVENPORT	IA	52809-2432
QUALITY STRIPING INC	1704 E EUCLID AVE		DES MOINES	IA	50313-4730
R L BRINK CORPORATION	4400 N 24TH ST		QUINCY	IL	62305-7775
RAGAN MECHANICAL INC	702 W 76TH ST		DAVENPORT	IA	52806-1317
RAGNAR BENSON LLC	PO BOX 2071		LOVES PARK	IL	61130-0071
RAM CONSTRUCTION SERVICES OF MICHIGAN INC	13800 ECKLES RD		LIVONIA	MI	48150-1041
RAMON GARCIA CONSTRUCTION LLC	PO BOX 12743		KANSAS CITY	KS	66112-0743
RANCH CRYOGENICS INC.	32580 N 1500 EAST RD		BLACKSTONE	IL	61313-9685
RAWLINGS INDUSTRIAL INC	PO BOX 1438		HAMILTON	MT	59840-1438
RE CON COMPANY A TEXAS CORP	12 NE 52ND ST		OKLAHOMA CITY	OK	73105-1888
RECTENWALD BROTHERS CONSTRUCTION INC	16 LEONBERG RD		CRANBERRY TWP	PA	16066-3602
REDINA CONSTRUCTION COMPANY INC.	987 CHAPEL CT S		GLEN ELLYN	IL	60137-6471
REDNOUR STEEL ERECTORS INC	PO BOX 116		CUTLER	IL	62238-0116
REED DILLON & ASSOCIATES LLC	1213 E 24TH ST		LAWRENCE	KS	66046-5128

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REINER CONSTRUCTION CORP	2164 CITYGATE DR		COLUMBUS	OH	43219-3556
RELIABLE RELAMPING INC	6459 NASH RD		SARANAC	MI	48881-9608
RELIA TECH INC	2280 SIBLEY CT		EAGAN	MN	55122-1998
REMBCO GEOTECHNICAL CONTRACTORS INC	PO BOX 23009		KNOXVILLE	TN	37933-1009
RES SYSTEM 3	1610 ARDEN WAY STE 280		SACRAMENTO	CA	95815-4050
RETAIL CONSTRUCTION SERVICES INC	11343 39TH ST N		LAKE ELMO	MN	55042-9586
RETAIL STOREFRONT GROUP INC	PO BOX 1070		LEEDS	AL	35094-0020
RICH PLUMBING INC	702 N WALNUT ST	P O BOX 407	WAPELLA	IL	61777-0407
RICHARD GOETTLE INC	12071 HAMILTON AVE		CINCINNATI	OH	45231-1032
RICHARD NACHBAR PLUMBING INC	9053 COTTONWOOD CANYON PL		LENEXA	KS	66219-8174
RICHARD TURNER CONSTRUCTION COMPANY INC	10425 COGDILL RD STE 100		KNOXVILLE	TN	37932-3391
RICKY JONES	1797 N 4TH AVE		PIGGOTT	AR	72454-8242
RIDGERS LLC	4407 N BELT W		BELLEVILLE	IL	62226-5215
RIEKE GRADING INC	8200 HEDGE LANE TER		SHAWNEE	KS	66227-3037
RIGHT WAY FACILITY SERVICES OF TEXAS LLC	503 MERCEDES ST STE B		BENBROOK	TX	76126-2572
RIGID SERVICES LLC	PO BOX 1171		BREAUX BRIDGE	LA	70517-1171
RIVER CITIES ENGINEERING INC	125 W 76th St		Davenport	IA	52806-1340
RL BISHOP & ASSOCIATES INC	PO BOX 703		MANCHESTER	GA	31816-0703

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RL COOLSAET CONSTRUCTION COMPANY	PO BOX 279		TAYLOR	MI	48180-0279
RMS CRANES LLC	1961 E 64TH AVE		DENVER	CO	80229-7414
ROAD FABRICS INC	PO BOX 87380		CAROL STREAM	IL	60188
ROCK REMOVAL RESOURCES LLC	1125 N MILITARY AVE		GREEN BAY	WI	54303-4413
ROCKFORD CONSTRUCTION CO	601 1ST ST NW		GRAND RAPIDS	MI	49504-5517
ROEHL REFRIGERATED TRANSPORT LLC	PO BOX 750		MARSHFIELD	WI	54449-0750
ROLLING PLAINS CONSTRUCTION INC	12331 PEORIA ST		HENDERSON	CO	80640-9650
RON WEERS CONSTRUCTION INC	20765 FOSTER CT		BUCYRUS	KS	66013-9080
RON SIGN COMPANY	1329 S HANDLEY ST		WICHITA	KS	67213-4316
ROPE PARTNER INC	125 MCPHERSON ST STE B		SANTA CRUZ	CA	95060-5883
ROYAL ROOFING COMPANY INC	2445 BROWN RD		ORION	MI	48359-1810
ROYALTY COMPANIES OF INDIANA INC	2099 E TIPTON ST		SEYMOUR	IN	47274-3567
RP COATINGS INC	PO BOX 327		TROY	IL	62294-0327
RUSS CONSTRUCTION	3874 LIMMER LOOP		HUTTO	TX	78634-4523
RWS ENTERPRISES LLC	8725 ROSEHILL RD STE 119		LENEXA	KS	66215-4611
RYAN INCORPORATED CENTRAL	PO BOX 206		JANESVILLE	WI	53547-0206
S & K REECE CONSTRUCTION LLC	11501 W 109TH ST		OVERLAND PARK	KS	66210-1235

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S & W CONSTRUCTION LLC OF IOWA	109 MOODY DR		HAMBURG	IA	51640-1803
S A COMUNALE CO INC	2900 NEWPARK DR		BARBERTON	OH	44203-1050
SACHSE CONSTRUCTION AND DEVELOPMENT COMPANY LLC	3663 WOODWARD AVE	SUITE 500	DETROIT	MI	48201-2400
SAMRON MIDWEST CONTRACTING INC	PO BOX 1555		MURPHYSBORO	IL	62966-5055
SANGIOLO & BAKER MASONRY LLC	4673 DOUGLAS RD		MILLSTADT	IL	62260-2723
SAPPHIRE COMPANIES LLC	790 HOWARD AVE STE A		BILOXI	MS	39530-3822
SATELLITE SERVICES INC	309 S FRONT ST		MARQUETTE	MI	49855-4600
SAVAGE BROTHERS INC	5300 COMMAND DR		MEMPHIS	TN	38118-7904
SCG FIELDS LLC	10303 BRECKSVILLE RD		BRECKSVILLE	OH	44141-3335
SCHEIDT & BACHMANN USA INC	1001 PAWTUCKET BLVD		LOWELL	MA	01854-1040
SCHEINER COMMERCIAL GROUP INC	18965 BASE CAMP RD STE A-1		MONUMENT	CO	80132-8067
SCHLEIS FLOOR COVERING INC	998 GLORY RD		GREEN BAY	WI	54304-5631
SCHREIBER CORPORATION	29945 BECK RD		WIXOM	MI	48393-2836
SCHUFF STEEL COMPANY	PO BOX 19028		PHOENIX	AZ	85005-9028
SCHULTZ BROTHERS ELECTRIC CO INC	3030 S 24TH ST # A		KANSAS CITY	KS	66106-4707
SCHUMACHER ELEVATOR COMPANY	1 SCHUMACHER WAY		DENVER	IA	50622-7729
SCHUPPS LINE CONSTRUCTION INC	PO BOX 13655		ALBANY	NY	12212-3655

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SCHWICKERTS TECTA AMERICA LLC	330 POPLAR ST		MANKATO	MN	56001-2312
SCOTT ENTERPRISES ROOFING & SHEET METAL	9684 N 109TH AVE		OMAHA	NE	68142-1124
SEAKAY CONSTRUCTION SE CORP	3882 ROUNDTREE RD UNIT 2		JEFFERSON	MD	21755-7806
SEAMLESS SOLUTIONS LLC	12605 W SANTA FE TRAIL DR		LENEXA	KS	66215
SEELE INC	24 W 40TH ST FL 12		NEW YORK	NY	10018-1094
SEESE CONSTRUCTION AND MANAGEMENT LLC	PO BOX 122		MONROVIA	IN	46157-0122
SEITHER & CHERRY QUAD CITIES INC	611 E 59TH ST		DAVENPORT	IA	52807-2626
SEK HEAT & AIR INC	422 W ATKINSON RD		PITTSBURG	KS	66762-8634
SELLERS ELECTRICAL CONTRACTING INC.	1383 GOLDEN ISLE W		BAXLEY	GA	31513-9032
SEMINOLE EQUIPMENT INC	204 TARPON INDUSTRIAL DR		TARPON SPGS	FL	34689-6801
SERVICE & INDUSTRIAL REPAIR INC	18097 VAIL RD		PLEASANTON	KS	66075-7503
SEVEN25 LLC	12080 DURBIN DR		CARMEL	IN	46032-8939
SG CONSTRUCTION SERVICES LLC	111 E COURT ST STE 1A		FLINT	MI	48502-1649
SHAMROCK DEVELOPMENT OF INDIANA INC	5775 NIMTZ PKWY STE 200		SOUTH BEND	IN	46628-6195
SHEET PILING SERVICES LLC	6872 STATE HIGHWAY 66		CUSTER	WI	54423-9608
SHERMCO INDUSTRIES INC	PO BOX 540545		DALLAS	TX	75354-0545
SHORES BUILDERS INC	2222 E MCCOORD ST		CENTRALIA	IL	62801-6731

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SHORTRIDGE CONSTRUCTION COMPANY INC	3908 N 24TH ST		QUINCY	IL	62305-9628
SIERRA BRAVO CONTRACTORS LLC	7038 STATE HIGHWAY 154		SESSER	IL	62884
SIGN CRAFTERS INC	1508 STRINGTOWN RD		EVANSVILLE	IN	47711-4593
SIMBECK & ASSOCIATES INC	38256 HIGHWAY 160		MANCOS	CO	81328-8967
SIMON ROOFING AND SHEET METAL CORP	70 KARAGO AVE		YOUNGSTOWN	OH	44512-5949
SINGLE PLY SYSTEMS INC	10951 NESBITT AVE S		MINNEAPOLIS	MN	55437-3125
SKYTOP TOWERS INC	13503 W US HIGHWAY 34		MALCOLM	NE	68402-9783
SLAYDEN GLASS INC	239 N OLD SAINT LOUIS RD		WOOD RIVER	IL	62095-1437
SMART RESTORATION LLC	4440 OLIVER ST		KANSAS CITY	KS	66106-3763
SMITH TANK & STEEL INC	PO BOX 2370		GONZALES	LA	70707-2370
SMITHSON INC	PO BOX 1731		ROCKY MOUNT	NC	27802-1731
SNELL NORTHCUTT ELECTRIC INC	P O BOX 24601		LITTLE ROCK	AR	72221
SNELSON COMPANIES INC	601 W STATE ST		SEDRO WOOLLEY	WA	98284-1560
SNI COMPANIES	PO BOX 367		NORWALK	IA	50211-0367
SOLARIS ROOFING SOLUTIONS INC	31W023 NORTH AVE		WEST CHICAGO	IL	60185-1060
SOLID PLATFORMS INC	6610 MELTON RD		PORTAGE	IN	46368-1236
SOUTHEAST DIRECTIONAL DRILLING LLC	3117 N CESSNA AVE		CASA GRANDE	AZ	85122-7947
SOUTHEAST INDUSTRIAL LLC	800 W MORRIS BLVD		MORRISTOWN	TN	37813-2024

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SOUTHEAST POWER CORPORATION	1684 W HIBISCUS BLVD		MELBOURNE	FL	32901-2631
SOUTHEASTERN INSTALLATION INC	207 CEDAR LANE DR		LEXINGTON	NC	27292-5711
SOUTHERN CONTRACTING LLC	777 ALLOY DR		NEWBERN	TN	38059-1171
SOUTHERN ENVIRONMENTAL INC	6540 W NINE MILE RD		PENSACOLA	FL	32526-4288
SOUTHERN ERECTORS INC	6540 W NINE MILE RD		PENSACOLA	FL	32526-4288
SOUTHERN MARINE CONSTRUCTION CO	PO BOX 4539		CHATTANOOGA	TN	37405-0539
SOUTHERN ROOTS STEEL ERECTORS INC	12277 ELMWOOD ST		TYLER	TX	75706-4420
SOUTHWEST REFRACTORY OF TEXAS LP	PO BOX 1308		ALVIN	TX	77512-1308
SOVEREIGN STAFFING GROUP INC	1041 E 151ST ST		OLATHE	KS	66062-3417
SOWARDS GLASS INC	2600 NW TOPEKA BLVD STE C		TOPEKA	KS	66617-1160
SPARROW PLUMBING & HEATING INC	313 DELAWARE ST		QUINCY	IL	62301-4823
SPECPRO INCORPORATED OF NEBRASKA	309 E 2ND ST STE 4		PAPILLION	NE	68046-2469
SPECTRA TECH LLC	10340 PLEASANT ST STE 100		NOBLESVILLE	IN	46060-3947
SPORTS METALS INC	PO BOX 1338		PHENIX CITY	AL	36868-1338
SQUARE B LLC	500 W SOUTH ST STE 1		LINCOLN	NE	68522-1744
SRW CONSTRUCTION SERVICES INC	PO BOX 412		HIGDEN	AR	72067-0412

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SSI INCORPORATED OF NW ARKANSAS	2817 YUMA ST		FORT SMITH	AR	72901-8778
ST COTTER TURBINE SERVICES INC	2135 196TH ST E		CLEARWATER	MN	55320-1660
STANDARD CARTAGE CO INC	2400 S 27TH AVE		BROADVIEW	IL	60155-3853
STANDARD ELECTRIC TOO LLC	2006 E PRAIRIE CIR		OLATHE	KS	66062-1268
STELLAR RESTORATION SERVICES LLC	15119 MEMORIAL DR STE 200		HOUSTON	TX	77079-4327
STEPHENS & SMITH CONSTRUCTION CO INC	1542 S 1ST ST		LINCOLN	NE	68502-1999
STEVE HOEGGER & ASSOCIATES INC	2630 N HIGHWAY 78		WYLIE	TX	75098-6055
STILL CONTRACTORS LLC	15740 S MAHAFFIE ST		OLATHE	KS	66062-4038
STONEBRIDGE CONSTRUCTION LLC	PO BOX 16787		JONESBORO	AR	72403-6712
STORY CONSTRUCTION CO	2810 WAKEFIELD CIR		AMES	IA	50010-7725
STORY CONSTRUCTION COMPANY LLC	901 HARPETH VALLEY PL		NASHVILLE	TN	37221-1141
STRINGER CONSTRUCTION COMPANY INC	6141 LUCILLE LN		SHAWNEE	KS	66203-2609
STRUCTURAL RESTORATION INC	305 3RD ST		FARMINGTON	MN	55024-1352
STRUCTURAL WATERPROOFING INC	PO BOX 255		FARMINGTON	MN	55024-0255
STUTZ EXCAVATING INC.	3837 FOSTERBURG RD		ALTON	IL	62002-7323
SUMMIT HEARTLAND LLC	3823 W 1800 S		REMINGTON	IN	47977-8831

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SUMMIT SPECIALIZED INSTALLATIONS USA INC	5470 WYNN ROAD, SUITE 300		LAS VEGAS	NV	89118
SUNBELT FIRE PROTECTION INC	1520 S MEMORIAL DR		TULSA	OK	74112-7039
SUNLAND CONSTRUCTION INC	PO BOX 1087		EUNICE	LA	70535-1087
SUPER SKY PRODUCTS ENTERPRISES LLC	10301 N ENTERPRISE DR		MEQUON	WI	53092-4639
SUPERIOR CONCRETE FENCE OF TEXAS INC	1203 RAIDER DR		EULESS	TX	76040-6238
SUPREME ELECTRIC CO	PO BOX 114		QUINCY	IL	62306-0114
SURFACE AMERICA INC	PO BOX 157		WILLIAMSVILLE	NY	14231-0157
SURFACE PREPARATION TECHNOLOGIES LLC	PO BOX 834		NEW KINGSTOWN	PA	17072-0834
SURVEYS LAND AND CONSTRUCTION INC	PO BOX 29		LINDSBORG	KS	67456-0029
SUTTERFIELD ELECTRIC CONTRACTING CORP	339 N OLD SAINT LOUIS RD		WOOD RIVER	IL	62095-1165
SWIFT ROOFING INC	PO BOX 1102		MURRAY	KY	42071-0020
SYBRAN COMMUNICATIONS INC	16500 INDIAN CREEK PKWY STE 102		OLATHE	KS	66062-1215
SYSTEMS PLANT SERVICES INC	214 N WASHINGTON AVE STE 700		EL DORADO	AR	71730-5659
T & G CONSTRUCTION OF STILLWATER INC	5865 NEAL AVE N # 259		STILLWATER	MN	55082-2177
TAILORED FOAM INCORPORATED	PO BOX 4186		HICKORY	NC	28603-4186
TANCO ENGINEERING INC	1400 TAURUS CT		LOVELAND	CO	80537-3297
TANK BUILDERS INC	PO BOX 1527		EULESS	TX	76039-1527

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TANK FOUNDATIONS INC	410 W FRONT ST		LAKE MILLS	IA	50450-1109
TANK INDUSTRY CONSULTANTS INC	7740 W NEW YORK ST		INDIANAPOLIS	IN	46214-4939
TARPAN CONSTRUCTION LLC	6756 HIGHWAY 29		COTTONPORT	LA	71327-4228
TATE GENERAL CONTRACTORS INC	115 WOODY LN		JONESBORO	AR	72401-0496
TAYLOR BROS CONSTRUCTION CO INC	4555 MIDDLE RD		COLUMBUS	IN	47203-1834
TDR CONTRACTORS INC	PO BOX 1003		GILMER	TX	75644-1003
TDS CONSTRUCTION 1 INC	4239 63RD ST W		BRADENTON	FL	34209-6647
TDW US INC	6120 S YALE AVE STE 1700		TULSA	OK	74136-4235
TECTA AMERICA ILLINOIS ROOFING LLC	4813 KINGSTON AVE		LISLE	IL	60532-2220
TELETECHSERV GA LLC	9335 INDUSTRIAL TRCE		ALPHARETTA	GA	30004-3383
TELLUS LLC	829 NANCY LYNN LN		ARNOLD	MD	21012-3025
TENNESSEE ELECTRIC COMPANY INC	1025 KONNAROCK RD		KINGSPORT	TN	37664-3720
TERRA-GEN OPERATING COMPANY LLC	437 MADISON AVE FL 22A		NEW YORK	NY	10022-7036
TERRAZZO USA AND ASSOCIATES INC	9532 TOWRY CT		OKLAHOMA CITY	OK	73165-4629
TERRY & TERRY CONSTRUCTION LLC	723 E MAIN ST		CHARLESTON	AR	72933-9000
TERWISSCHA CONSTRUCTION INC	1550 WILLMAR AVE SE		WILLMAR	MN	56201-4762
TEXAS ALLIANCE GROUP INC	11288 WEST RD		HOUSTON	TX	77065-4493

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TEXOMA INDUSTRIAL INSULATION ASSOCIATION	PO BOX 497		DENISON	TX	75021-0497
TFR ENTERPRISES INC	601 LEANDER DR		LEANDER	TX	78641-2026
THE DRILLER LLC	5125 E UNIVERSITY AVE		PLEASANT HILL	IA	50327-7007
THE FISHEL COMPANY	1366 DUBLIN RD		COLUMBUS	OH	43215-1093
THE FRED CHRISTEN & SONS COMPANY	PO BOX 547		TOLEDO	OH	43697-0547
THE GOETTLE COMPANY	12071 HAMILTON AVE		CINCINNATI	OH	45231-1032
THE HAIRE CORPORATION	1747 STEVENS ST		BELLEVILLE	IL	62226-6482
THE KILIAN CORPORATION	PO BOX A		MASCOUTAH	IL	62258-0187
THE MAPP GROUP LLC	344 3RD ST		BATON ROUGE	LA	70801-1307
THE MAXIS GROUP INC	8225 E DEL CAMINO DR # 100		SCOTTSDALE	AZ	85258-2330
THE NASSAL COMPANY	415 W KALEY ST		ORLANDO	FL	32806-3942
THE RIVERSIDE GROUP INC	13238 S PEORIA AVE		BIXBY	OK	74008-4846
THE ROBINS & MORTON GROUP	400 SHADES CREEK PKWY		BIRMINGHAM	AL	35209-4454
THE ROSS GROUP CONSTRUCTION CORPORATION	PO BOX 690960		TULSA	OK	74169-0960
THE RYAN GROUP INC	10955 160TH ST		DAVENPORT	IA	52804-9166
THERMODYNE COMMERCIAL CLIMATE CONTROL SPECIALISTS	300 W MONROE ST		BELLEVILLE	IL	62220-2466
THIELSCH ENGINEERING INC	195 FRANCES AVE		CRANSTON	RI	02910-2211
THOMAS GRACE CONSTRUCTION INC	5605 MEMORIAL AVE N		STILLWATER	MN	55082-1092

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THOMPSON ELECTRIC COMPANY	3505 S 61ST AVENUE CIR		OMAHA	NE	68106-4306
THOMPSON ELECTRONICS COMPANY	905 S BOSCH RD		PEORIA	IL	61607-1120
THOMPSON THRIFT CONSTRUCTION INC	901 WABASH AVE STE 300		TERRE HAUTE	IN	47807-3233
THRASHER INC	11844 VALLEY RIDGE DR		PAPILLION	NE	68046-6229
TI ZACK CONCRETE INC	39352 221ST AVE		LE CENTER	MN	56057-4131
TINDALL CONTRACTOR INC	5240 NAMEOKI RD		PONTOON BEACH	IL	62040-2656
TMG CONSTRUCTION MANAGEMENT INC	15420 ENDEAVOR DR		NOBLESVILLE	IN	46060-4921
TMI COATINGS INC	3291 TERMINAL DR		EAGAN	MN	55121-1610
TOM'S BACKHOE SERVICE INC.	323 WOODLAND HILLS LN		BRAINERD	MN	56401-6514
TOMS TUCKPOINTING LLC	202 W BROADWAY ST		POCAHONTAS	AR	72455-3419
TOPPING OUT INC	15109 S 231ST ST		GRETNA	NE	68028-6575
TOTAL CONSTRUCTION SOLUTIONS CO	7630 LOUIS RICH CT		DAVENPORT	IA	52804-2269
TOTAL ELECTRIC CONTRACTORS INC	PO BOX 13247		EDWARDSVILLE	KS	66113-0247
TOTAL STEEL SERVICES LLC	1255 W BROADWAY ST		SPARTA	IL	62286-1659
TOUCH UP PLUS	5353 SPRINGFIELD DR		EDWARDSVILLE	IL	62025-5835
TOURNEAR ROOFING CO	2605 SPRING LAKE RD		QUINCY	IL	62305-0523
TOWER TECHNOLOGIES GROUP LLC	PO BOX 266		EDGERTON	WI	53534-0266
TQ CONSTRUCTORS INC	911 2ND AVE		DAYTON	KY	41074-1203

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TRAC WORK INC	PO BOX 550		ENNIS	TX	75120-0550
TRADEBE ENVIRONMENTAL SERVICES LLC	234 HOBART ST STE 1		MERIDEN	CT	06450-4380
TRANSFLUID SERVICES INC	600 TRAVIS ST STE 6150		HOUSTON	TX	77002-3039
TRI CITY ELECTRIC COMPANY OF IOWA	6225 N BRADY ST		DAVENPORT	IA	52806-0002
TRI COUNTY WELDING & FABRICATION	PO BOX 137		ARTHUR	IL	61911-0137
TRI NORTH BUILDERS INC	PO BOX 259568		MADISON	WI	53725-9568
TRI STATE CONCRETE CORRECTION CO	3215 CORONA RD		QUINCY	IL	62305-8131
TRI STATE HEATING AND ELETRIC INC	PO BOX 1451		KEOKUK	IA	52632-1451
TROGIN INC	1901 MARTIN RD		DRIPPING SPGS	TX	78620-3507
TROST PLASTICS INC	8610 HANOVER INDUSTRIAL DR		COLUMBIA	IL	62236-4632
TROY PIPELINE LLC	PO BOX 450862		HOUSTON	TX	77245-0862
TST CONSTRUCTION SERVICES LLC	9806 BROCKBANK DR		DALLAS	TX	75220-2943
TUCKER CONSTRUCTION CO	PO BOX 442		LINDSAY	OK	73052
TUCKER TECHNOLOGY INC	300 FRANK H OGAWA PLZ STE 235		OAKLAND	CA	94612-2066
TUFF WRAP INSTALLATIONS INC	2080 DETWILER RD STE 2		HARLEYSVILLE	PA	19438-2911
TURF DESIGN INC	PO BOX 860303		SHAWNEE	KS	66286-0303
TUTTLE INC	110 PAGE ST		FRIEND	NE	68359-1147
TWC CONCRETE LLC	10737 MEDALLION DR		CINCINNATI	OH	45241-4837

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TYROLT INCORPORATED DELAWARE	724 N MERCER ST		DECATUR	IL	62522-1699
UDIG LLC	8000 FRANKLIN FARMS DR STE 100		HENRICO	VA	23229-5002
ULTIMATE CONSTRUCTION SERVICES INC	6700 N INTERSTATE 35		NEW BRAUNFELS	TX	78130-7206
ULTIMATE THERMAL INC	PO BOX 34818		OMAHA	NE	68134-0818
ULTRA SHEEN CONCRETE POLISHING LLC	3402 SCENIC DR		GROVE	OK	74344-5518
ULTRAFLOTE LLC	3640 W 12TH ST		HOUSTON	TX	77008-6050
UNITED CONVEYOR AND MACHINERY INSTALLATION LLC	2105 ARBOR TECH DR		HEBRON	KY	41048-7512
UNITED GOLF LLC	2108 N 129TH EAST AVE		TULSA	OK	74116-1729
UNITED PIPING INC	4510 AIRPORT RD		DULUTH	MN	55811-1523
UNITED STATES CONSTRUCTION LLC	5845 HORTON ST STE 203		MISSION	KS	66202-2610
UNIVERSAL COMMUNICATIONS LLC	19915 W 161ST ST STE E		OLATHE	KS	66062-2762
UNIVERSAL WALL SYSTEMS INC	4400 DONKERS CT SE		GRAND RAPIDS	MI	49512-4054
URETEK USA INC	PO BOX 1929		TOMBALL	TX	77377-1929
US SOUTH PLUMBING INC	7555 INDUSTRIAL CT		ALPHARETTA	GA	30004-3379
US TRADES LLC	10735 SKY PRAIRIE ST STE 100		FISHERS	IN	46038-7816
USA RACK INSTALLATIONS LLC	2151 HARRY WRIGHT BLVD		WHITING	NJ	08759-3812
UTILITRA LLC	200 LAKE FRONT PKWY		EDWARDSVILLE	IL	62025-2904

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Taxation Division

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UTILITY SOLUTIONS LLC	14612 PARALLEL LN		BASEHOR	KS	66007-4001
VANCE CONSTRUCTION SOLUTIONS LLC	PO BOX 17196		JONESBORO	AR	72403-6721
VAUGHN ELECTRIC CO INC	313 E FLORIDA AVE		UNION CITY	TN	38261-3957
VCC LLC	PO BOX 2558		LITTLE ROCK	AR	72203-2558
VECTOR CONSTRUCTION INC	2504 MAIN AVE W		WEST FARGO	ND	58078-1310
VERITAS CONSTRUCTION GROUP LLC	3511 E SUMMERHILL DR		COTTONWOOD HEIGHTS	UT	84121-5539
VESTA INDUSTRIAL CONTRACTORS INC.	3375 CORPORATE WOODS DRIVE		VESTAVIA	AL	35242
VIACON INC	70 BANKS RD		STOCKBRIDGE	GA	30281-4362
VICS CRANE AND HEAVY HAUL INC	3000 145TH ST E		ROSEMOUNT	MN	55068-5916
VICTORY AIR INC	853 S KEIFER ST		BENNETT	CO	80102-8733
VIKING ERECTORS CORP	PO BOX 1336		MC MURRAY	PA	15317-4336
VIKING INDUSTRIAL PAINTING LLC	211 S 84TH ST		LINCOLN	NE	68510-2603
VIRGINIA TRANSFORMER CORP	220 GLADE VIEW DR NE		ROANOKE	VA	24012-6470
VISION CONTRACTORS INC	95 OLD DIXIE HWY STE B		ADAIRSVILLE	GA	30103-2044
VISU SEWER INC	W230N48557 BETKER RD		PEWAUKEE	WI	53072
VKW CONSTRUCTION LLC	505 S MADISON DR		TEMPE	AZ	85281-7213
VOLT POWER LLC	2910 HIGHWAY 31 NW		HARTSELLE	AL	35640-4271
VUCON LLC	527 N HOLLYWOOD ST		MEMPHIS	TN	38112-2598
WALTERS MORGAN CONSTRUCTION INC	2616 TUTTLE CREEK BLVD		MANHATTAN	KS	66502-4479

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WARD ELECTRIC COMPANY INC.	9586 E I25 FRONTAGE RD STE B		LONGMONT	MO	80504-9458
WARNING LITES OF SOUTHERN ILLINOIS LLC	9441 LEBANON RD		EAST SAINT LOUIS	IL	62203-2213
WATSON ELECTRIC INC	318 N 8TH ST		SALINA	KS	67401-2312
WATTS ELECTRIC COMPANY	13351 DOVERS ST		WAVERLY	NE	68462-2516
WEIGEL CONSTRUCTION INC	19015 MADISON ST STE A		SPRING HILL	KS	66083-7573
WEST COAST INSPECTION SERVICES LLC	8653 AVENIDA COSTA NORTE		SAN DIEGO	CA	92154-6235
WESTERN OILFIELDS SUPPLY COMPANY	PO BOX 2248		BAKERSFIELD	CA	93303-2248
WHEATLAND CONTRACTING LLC	6204 246TH RD		EFFINGHAM	KS	66023-5151
WHM CONSTRUCTION INC	526 COUNTY ROAD 3211		JACKSONVILLE	TX	75766-9249
WICKS CRANE SERVICE LLC	51 ST ANDREWS WAY		SIOUX CENTER	IA	51250-2955
WIEGMANN WOODWORKING AND FIREPLACES INC	105 SUGAR CREEK LN		DAMIANSVILLE	IL	62215-1353
WILDCAT CONCRETE SERVICES INC	PO BOX 9163		WICHITA	KS	67277-0163
WILLIAM G CURTH INC	PO BOX 3463		SHAWNEE	KS	66203-0463
WILLIAMS DIVERSIFIED MATERIALS INC	PO BOX 660		BAXTER SPGS	KS	66713-0660
WILSONS POOLS PLUS INC	843 SCOTT TROY RD		LEBANON	IL	62254-1911
WINGATE ARCHITECTURAL MILLWORKS CO	PO BOX 632535		NACOGDOCHES	TX	75963-2535
WINGER CONTRACTING COMPANY	PO BOX 637		OTTUMWA	IA	52501-0637
WOLF CONSTRUCTION INC	5630 SW RANDOLPH AVE		TOPEKA	KS	66609-1158

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WOLTCOM INC	PO BOX 1983		HOLLISTER	CA	95024-1983
WOODS BASEMENT SYSTEMS INC	524 VANDALIA ST		COLLINSVILLE	IL	62234-4041
WORLDWIDE TURBINES LLC	6770 E ROGERS CIR		BOCA RATON	FL	33487-2649
WR NEWMAN & ASSOCIATES INC	2854 LOGAN ST		NASHVILLE	TN	37211-2409
WS INDUSTRIAL SERVICES INC	533 S MAIN ST		COUNCIL BLUFFS	IA	51503-6508
WS SPECIALTY SERVICES LLC	35 MAIN PL STE 175		COUNCIL BLFS	IA	51503-0708
WVP INSTALLATIONS INC	7317 MAPLE AVE		CINCINNATI	OH	45231-4233
WYCO FIELD SERVICES LLC	3980 QUEBEC ST STE 210		COMMERCE CITY	CO	80022
XL INDUSTRIAL SERVICES INC	1920 N 400 W		LA PORTE	IN	46350-2131
YOKOGAWA CORPORATION OF AMERICA	2 DART RD		NEWNAN	GA	30265-1094
ZEAMERS WELDING LLC	2772 BLAKE RD E		DE PERE	WI	54115-8720
ZEFECO INC	PO BOX 1387		ANDERSON	SC	29622-1387
ZIMMERMAN CONSTRUCTION COMPANY INC	12509 HEMLOCK ST		OVERLAND PARK	KS	66213-1453