

# RULES CERTIFICATE

STATE OF WISCONSIN )  
 ) SS  
DEPARTMENT OF COMMERCE )

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETINGS:

I, William J. McCoshen, Secretary of the Department of Commerce,

and custodian of the official records of said department, do hereby certify that the

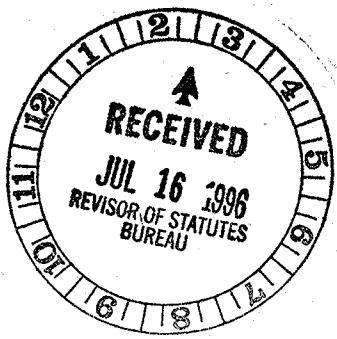
annexed rule(s) relating to \_\_\_\_\_ credentials  
(Subject)

were duly approved and adopted by this department on July 15, 1996  
(Date)

I further certify that said copy has been compared by me with the original on file in the department and that the same is a true copy thereof, and of the whole of such original.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the official seal of the department at 10:00 a.m. in the city of Madison, this 15th day of July A.D. 1996

William J. McCoshen  
Secretary



11-1-96

# ORDER OF ADOPTION

Pursuant to authority vested in the Department of Commerce by section(s)

101.02 (1), 101.09 (3) (c), 101.122 (2) (c), 101.143 (2) (g), 101.63 (2) and (2m), 101.73 (5), 101.82 (2), 101.87 (1), 145.02 (4), 145.045 (1), 145.165 (1), 145.17 (2), 145.175, and 167.10 (6m) (e),

Stats., the Department of Commerce  creates;  amends;  repeals and recreates;

repeals and adopts rules of Wisconsin Administrative Code chapter(s):

<u>Ch. ILHR 2</u>	<u>Fee Schedule</u>
<u>Ch. ILHR 5</u>	<u>Credentials</u>
<u>Ch. ILHR 7</u>	<u>Explosives</u>
<u>Ch. ILHR 9</u>	<u>Manufacture of Fireworks</u>
<u>Ch. ILHR 10</u>	<u>Flammable and Combustible Liquids</u>
<u>Ch. ILHR 17</u>	<u>Electrical Inspection and Certification</u>
<u>Ch. ILHR 18</u>	<u>Elevators</u>
<u>Ch. ILHR 20-25</u>	<u>Uniform Dwellings</u>
<u>Ch. ILHR 26</u>	<u>Certification of Building Inspectors and Independent Inspection Agencies</u>
<u>Ch. ILHR 27</u>	<u>Manufactured Homes</u>
<u>Ch. ILHR 34</u>	<u>Amusement Rides</u>
<u>Ch. ILHR 41-42</u>	<u>Boiler and Pressure Vessels</u>
<u>Ch. ILHR 45</u>	<u>Mechanical Refrigeration</u>
<u>Ch. ILHR 48</u>	<u>Petroleum Products</u>
<u>Ch. ILHR 50-64</u>	<u>Building and Heating, Ventilating and Air Conditioning</u>
<u>Ch. ILHR 66</u>	<u>Uniform Multifamily Dwellings</u>
<u>Ch. ILHR 67-68</u>	<u>Rental Unit Energy Efficiency</u>
<u>Ch. ILHR 74</u>	<u>Contractor Registration and Certification</u>
<u>Ch. ILHR 81-87</u>	<u>Plumbing</u>

The attached rules shall take effect on first day of the month following publication in the Wisconsin

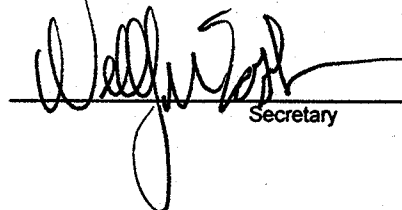
Administrative Register

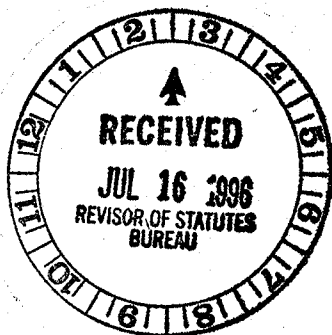
pursuant to section 227.22, Stats.

Adopted at Madison, Wisconsin this

date: July 15, 1996

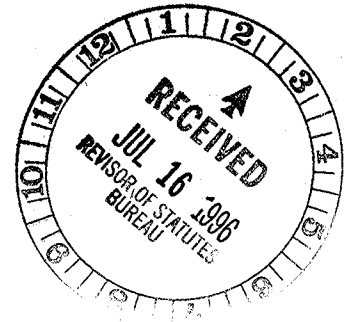
DEPARTMENT OF COMMERCE

  
Secretary





# RULES in FINAL DRAFT FORM



Rule No.: Chapter ILHR 5

Relating to: Credentials

Clearinghouse Rule No: 95-228

The Wisconsin Department of Commerce (formerly the Department of Industry, Labor and Human Relations) proposes an order to repeal ILHR 2.05, 2.13 (3) and 2.14, 2.15 Table 2.15-2, 2.16 (1), 2.18 (1) Table 2.18-2, 2.19 (2), 2.32, 2.36, 2.41 (4), 2.44, 2.62, ILHR 7.11, ILHR 10.01 (14), 10.01 (46), (53) and (56), ch. ILHR 10 subch. IX [10.91 to 10.942], ILHR 17.05 (27) and (28), ch. 17 subchs. III to V, ILHR 18.13, ch. ILHR 26, ILHR 27.20, ILHR 34.04 (2) (d), Appendix A34.39-ILHR 53.53 (7), Appendix A34.39-ILHR 53.53 (10) and Note, ILHR 41.04 (4), 41.04 (17), (23) and (25), 41.12 to 41.14, 41.20 to 41.22, ILHR 42.02 (1) Note 2, 42.35 (2) (c), ILHR 45.30, 45.31 and 45.34, ch. ILHR 48 Part IV 48.12 to 45.20, ILHR 51.23 (6) (b) Note, ILHR 53.53 (7), 53.53 (10) and Note, ch. ILHR 68, ch. ILHR 74, and ch. ILHR 81;

to renumber ILHR 2.16 (2);

to amend ILHR 2.07 (2) (b), 2.15 (3), 2.33 (1) Table 2.33, ILHR 7.06, ILHR 11.36 (3), ch. ILHR 17 (title), ILHR 17.04, 17.05 (5) and (6), 17.13 (2) (a) 5 and 6 and (c), ILHR 20.06 (1) (a) 3, 20.09 (5) (a), 20.10 (intro.), 20.14 (2) (a) 1 b and (b) 1 b, 20.14 (5), 20.16 (1), ILHR 34.04 (2) (b) and (c), ILHR 41.15 (1) (intro.) and (2), 41.16. (1) (a) and (d), (2) (a) and (c) to (e), 41.17 (1) (a) and (2) to (5), 41.19 (1) and (3), 41.36 (2), 41.37 (2), 41.39 (1), 41.55 (2) and (4), ILHR 42.01 (1) and (2), 42.02 (1), 42.03 (4), 42.04 (1) and (2) (intro.), 42.05, 42.06, 42.07 (2), 42.08 (4), 42.09 (1), (2) and (4), 42.10 (2), 42.13 (3), 42.16 (1) Note, (2), (3) (b) 2 c and (5), 42.18, 42.19, 42.25 (4), 42.30 (1) (a) and (d), 42.31 (1), (3) and (4), 42.35 (2) (a) and (b), 42.35 (3), 42.45 (1) and (2), ILHR 50.18 (2), 50.21 (2) (e), (4), (5) (e) 1 a, (f) 1 and (g), and (6) (a) and (b), ILHR 53.53 (8), ILHR 66.23 (1), 66.24 (4), (5) (e) 1 b, (f) 2 and (g) and (6) (c), 66.255 (5), ILHR 67.07 (intro.), and ILHR 82.21 (3) (b) 3;

to repeal and recreate ILHR 9.04, ILHR 10.01 (18), ILHR 11.01 (1h), ILHR 20.09 (5) (b) 1, Appendix A34.39-ILHR 53.53 (6), Appendix A34.39-ILHR 53.53 (8), ILHR 41.04 (7), ILHR 51.01 (16a) and (71p), ILHR 53.53 (6), and ch. ILHR 68 Appendix (title);

and to create ch. ILHR 5, ILHR 7.01 Note, ILHR 9.02 (2) Note, ILHR 10.002 Note 4, ILHR 17.14 (1) Note, ILHR 42.02 (1m), ILHR 45.02 Note, ILHR 51.23 (6) (c), relating to credentials, licenses, certifications and registrations, administered by the division safety and buildings.

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ANALYSIS OF RULES

Statutory authority: ss. 101.02 (1), 101.09 (3) (c), 101.122 (2) (c), 101.143 (2) (g), 101.63 (2) and (2m), 101.73 (5), 101.82 (2), 101.87 (1), 145.02 (4), 145.045 (1), 145.165 (1), 145.17 (2), 145.175, and 167.10 (6m) (c).

Statutes interpreted: ss. 101.11 (1), 101.12 (3) (br) to (e) and (g), 101.14 (4) (a), 101.15 (2) (3), 101.177 (2) to (4), 101.178 (2) and (3) (a), 101.653 (2), 101.654, 101.66 (2), 101.75 (1), and 101.973 (10), 145.03, 145.07, 145.08, 145.14, and 145.16.

To enhance public health, safety and welfare, people and businesses are either mandated or permitted to obtain specific credentials - licenses, certifications or registrations, under chapters 101, 145 and 167, of the Wisconsin State Statutes. In most cases the credentials relate to activities associated with the construction of buildings and structures, or specific components and elements that serve buildings and structures. The enclosed rules reflect those credentials that the Division of Safety and Buildings, Department of Industry Labor and Human Relations has been delegated the responsibility of administering and enforcing.

The enclosed draft of chapter ILHR 5 is a consolidation into a single code of all of the credentials administered by the Division of Safety and Buildings. Currently, the requirements for the credentials are scattered throughout a dozen different codes. The draft reflects the division's "Best Practice" reengineering efforts to simplify and make more efficient the credentialing processes employed across all programs. The credentialing processes are reflected in subchapter I of the code and include such processes as examinations, fees, suspensions and revocations. The credential fees contained in the draft in most cases simply reflect a restructuring in how the fees are to be assessed. The revised fee structure is not to increase the revenues collected by the division. In some cases, the fee for a credential may appear to be higher than that currently charged, but the changes in the amount reflect that the term of the credential has been extended for a longer period of time. For example, inspector certifications will be good for two years rather than one year.

Besides the changes relative to processes, the proposed draft of ILHR 5 contains several substantive policy revisions of current requirements. Specific changes include:

- **ILHR 5.06** Unless limited by the statutes, credential terms have been extended to at least 2 years. In most cases those credentials that currently have terms greater than 2 years have remained at the same length.
- **ILHR 5.08** For those credential categories that require continuing education for credential renewal, the division will no longer act as the sole source for providing the continuing education. The rules establish a process by which other parties may obtain department approval for continuing education courses or programs that the parties wish to sponsor or provide.
- **ILHR 5.20** The number of classes for blaster licenses has been increased from 5 to 7 types. Also, blasters will no longer be slotted into specific subcategories of the classes, but will be permitted to undertake all the activities specified under the class.
- **ILHR 5.30** The codification of the process by which the department will recognize an organization to repair boilers and pressure vessels.
- **ILHR 5.35** The codification of the process by which the department will recognize individuals who conduct welding tests for the purpose of qualifying structural welders.
- **Subchapter IV** The continuing education obligations for electrical credentials are clarified, including which credential categories need continuing education, and specifically how much - 18 hours for master electricians and journeyman electricians. Also the qualifications to take the master electrician and journeyman electrician examinations are revised to require experience of 1,000 hours per year for 7 years and 5 years, respectively, in order to be consistent with changes in the electrical apprenticeship program.

- **ILHR 5.51, ILHR 5.54** The credentials for automatic fire sprinkler contractor and automatic fire sprinkler contractor-maintenance are to be issued to the individual who takes and passes the credential test, rather than to the business for which the person works.
- **ILHR 5.56, ILHR 5.23** Revisions clarify which inspections and tests for maintaining automatic fire sprinkler systems must be conducted by credentialed individuals. The revisions include the establishment of a new credential category for an automatic fire sprinkler system tester.
- **Subchapter VI** The revised code no longer references certified independent inspection agencies for one- and 2- family dwellings and manufactured buildings, in light of the fact that all inspections are statutorily mandated to be performed by certified individuals.
- **ILHR 5.60** The qualifications to become a boiler-pressure vessel inspector will remain the same (passing the national board examination), but who may become a certified inspector is no longer limited to department or municipal employees, insurance company employees, or boiler owners and operators.
- **ILHR 5.63** The credential category of "restricted" electrical inspector will be eliminated and current individuals who hold that credential will eventually be issued a "full" electrical inspector credential.
- **ILHR 5.70** The present registrations of HVAC contractors, refrigerant sellers and refrigerant servicers are proposed to be consolidated into one credential category, HVAC contractor. This is to recognize the overlap in activities and eliminate the need for obtaining separate credentials.
- **ILHR 5.71** The HVAC contractor certification for a business has been eliminated. By rule an entity which utilizes an individual who holds an HVAC certification will be deemed to be certified business alleviating the need to obtain a local license or certification to engage in the business of installing or servicing HVAC equipment and systems. Under the statutes, local governments determine the need, responsibilities, and recognition of the HVAC certifications.
- **ILHR 5.72** The qualifications to be a department certified refrigerant handling technician will now reflect the necessity to be recognized by the federal Environmental Protection Agency.
- **Subchapter VIII** The renewal of credentials relating to petroleum tank systems - installers, cleaners, removers, liners, inspectors - will now be contingent upon fulfilling continuing education requirements, rather than having to take and pass an examination.
- **ILHR 5.90** Rules are included to delineate and recognize subcategories of plumbers-restricted sewer that have been in place for many years. Also, the title of a plumber-restricted sewer has been changed to "plumber-restricted service" to recognize the ability to install water services and private water mains.
- **ILHR 5.91, ILHR 5.92** For master plumbers and master plumbers-restricted, the ability and responsibility to utilize the appropriate credentialed persons for doing plumbing installations has been clarified. The rules will also continue to allow those individuals who currently hold a plumber license-retiree to obtain in the future their respective plumber's license without examination, however, no new plumber licenses-retiree will be issued.
- **ILHR 5.95** The draft does not contain specific educational course work for plumbing apprentices. Rather, the educational obligations will be administered through the department's Bureau of Apprenticeship Standards.
- **ILHR 5.97** In order to obtain the credential, plumbing utility contractors will now be required to take and pass an exam instead of just using letters of recommendation.

SECTION 1. ILHR 2.05 is repealed.

SECTION 2. ILHR 2.07 (2) (b) is amended to read:

ILHR 2.07 (2) (b) "Permit" includes ~~a license certification of an individual or company, an~~ examination of plans, initial certificate of operation, registration of a device, approval of a material or product, shaft excavation permit, petition for variance, permission to start construction, rental unit certificate of compliance, priority review and petition, and underground tank registration and use permit, but does not include any ~~license specified under s. 145.08 (1), Stats., or inspection services.~~

SECTION 3. ILHR 2.13 (3) and 2.14 are repealed.

SECTION 4. ILHR 2.15 (3) is amended to read:

ILHR 2.15 (3) CERTIFICATES OF OPERATION. The department shall issue a certificate of operation for each elevator upon receipt of the inspection report indicating the elevator satisfies the minimum operating standards specified in ch. ILHR. The fee per certificate shall be ~~determine in~~ accordance with ~~Table 2.15-2~~ \$25.00.

SECTION 5. ILHR 2.15 Table 2.15-2 is repealed.

SECTION 6. ILHR 2.16 (1) is repealed.

SECTION 7. ILHR 2.16 (2) is renumbered 2.16 and amended to read:

ILHR 2.16 INSPECTION ASSESSMENTS. The department may inspect any installation which is also inspected by a certified inspector ~~employed by an insurance company or agency.~~ When the department inspection confirms that the ~~insurance~~ inspection report is incomplete, invalid or unacceptable, the department will assess the ~~insurance company or agency~~ inspector or his or her employer a fee determined in accordance with s. ILHR 2.11 or 2.15 (2).

SECTION 8. ILHR 2.18 (1) and Table 2.18-2 are repealed.

SECTION 9. ILHR 2.19 (2) is repealed.

SECTION 10. ILHR 2.32 is repealed.

SECTION 11. ILHR 2.33 (1) Table 2.33 is amended to read:

Table 2.33

Type of Approval	Fee
Manufactured home inspection . . . . .	Established by Contract
Manufacturer license	\$225.00 per year
Plant inspection and certification	See s. ILHR 2.04 (2)
Required inspection not included in the fee distribution system described in 24 CFR 3282.204 (a) . . . . .	See s. ILHR 2.04 (2)
Warranty-related inspections, reinspections or investigations actions conducted as a result of consumer complaints . . . . .	See s. ILHR 2.04 (2)

SECTION 12. ILHR 2.36 is repealed.

SECTION 13. ILHR 2.41 (4) is repealed.

SECTION 14. ILHR 2.44 is repealed.

SECTION 15. ILHR 2.62 is repealed.



SECTION 16. Chapter ILHR 5 is created to read:

**Chapter ILHR 5  
Credentials**

**ILHR 5.001 PURPOSE.** This chapter is to protect public and employe health, safety and welfare by establishing minimum standards for the qualifications and responsibilities of persons and businesses that are required or permitted to obtain licenses, certifications or registrations under chs. 101, 145 and 167, Stats.

**ILHR 5.002 SCOPE.** The chapter applies to any person or business engaging or offering to engage in an activity or provide a service for which a credential is required or desired under chs. 101, 145 and 167, Stats.

**ILHR 5.003 DEFINITIONS.** In this chapter:

(1) "Approved" means accepted by the department.

(2) "Automatic fire sprinkler contractor" has the meaning specified under s. 145.01 (1), Stats.

Note: Under section 145.01 (1), Stats., "automatic fire sprinkler contractor" means any individual, firm or corporation who has paid the annual license fee and obtained a license to conduct a business in the design, installation, maintenance or repair of automatic fire sprinkler systems.

(3) "Automatic fire sprinkler system" has the meaning specified under s. 145.01 (2), Stats.

Note: Under s. 145.01 (2), Stats., "automatic fire sprinkler system", for fire protection purposes, means an integrated system of underground and overhead piping designed in accordance with fire protection engineering standards. The system includes a suitable water supply, such as a gravity tank, fire pump, reservoir or pressure tank or connection beginning at the supply side of an approved gate valve located at or near the property line where the pipe or piping system provides water used exclusively for fire protection and related appurtenances and to standpipes connected to automatic sprinkler systems. The portion of the sprinkler system above ground is a network of specially sized or hydraulically designed piping installed in a building, structure or area, generally overhead, and to which sprinklers are connected in a systematic pattern. The system includes a controlling valve and a device for actuating an alarm when the system is in operation. The system is usually activated by heat from a fire and discharges water over the fire area.

(4) "Automatic fire sprinkler system apprentice" has the meaning specified under s. 145.01 (3), Stats.

Note: Under s. 145.01 (3), Stats., "automatic fire sprinkler system apprentice" means any person other than an automatic fire sprinkler system contractor or a journeyman automatic fire sprinkler system fitter who is engaged in learning and assisting in the installation of automatic fire sprinkler systems and who is indentured under ch. 106, Stats.

(5) "Blasting" means any method of loosening, moving or shattering masses of solid matter by use of an explosive.

(6) "Blasting operation" means any enterprise or activity involving blasting.

(7) "Building permit" means an official document or certificate granting permission to perform construction or erosion control work on a one- or 2- family dwelling covered under chs. ILHR 20 to 25.

(8) "Business establishment" means any industrial or commercial organization or enterprise, including but not limited to a proprietorship, partnership, firm, business trust, joint venture, syndicate, corporation or association.

(9) "Combustible liquid" means a liquid with a flash point at or above 100° F.

(10) "Conflict of interest" means a certified inspector inspecting work in which the inspector or the inspector's employer, other than the state or a municipality, has participated or has a monetary or personal interest.

(11) "Construction or erosion control work" means work covered under chs. ILHR 21 and 22, except for electrical, plumbing or HVAC.

(12) "Credential" means a license, certification or registration issued by the department.

(13) "Department" means the department of industry, labor and human relations.

Note: Under 1995 Wisconsin Act 27 the division of safety and buildings which administers and enforces chapter ILHR 5 will become part of the department of commerce no later than July 1, 1996.

(14) "Direct supervision" means to assume the responsibility of an activity of others and its results by providing oversight and guidance at the site where the activity is being conducted.

(15) "Dwelling contractor" means any person, firm or corporation engaged in the business of performing construction or erosion control work on a one- or 2- family dwelling covered under chs. ILHR 20 to 25.

Note: Pursuant to s. 101.654 (1) (b), Stats., "dwelling contractor" does not include an owner of a dwelling who resides or will reside in the dwelling.

(16) "Electrical construction" means the design, installation, inspection or supervision of electrical wiring.

(17) "Electrical wiring" means all equipment, wiring, material, fittings, devices, appliances, fixtures and apparatus used for the production, modification, regulation, control, distribution, utilization or safeguarding of electrical energy for mechanical, chemical, cosmetic, heating, lighting or similar purposes as covered by the scope of ch ILHR 16

(18) "Fireworks" has the meaning specified under s. 167.10 (1), Stats.

Note: Under s. 167.10 (1), Stats., "fireworks" means anything manufactured, processed or packaged for exploding, emitting sparks or combustion which does not have another common use, but does not include any of the following:

- (a) Fuel or a lubricant.
  - (b) A firearm cartridge or shotgun shell.
  - (c) A flare used or possessed or sold for use as a signal in an emergency or in the operation of a railway, aircraft, watercraft or motor vehicle.
  - (d) A match, cigarette lighter, stove, furnace, candle, lantern or space heater.
  - (e) A cap containing not more than one-quarter grain of explosive mixture, if the cap is used or possessed or sold for use in a device which prevents direct bodily contact with a cap when it is in place for explosion.
  - (f) A toy snake which contains no mercury.
  - (g) A model rocket engine.
  - (h) Tobacco and a tobacco product.
  - (i) A sparkler on a wire or wood stick not exceeding 36 inches in length or 0.25 inch in outside diameter which does not contain magnesium, chlorate or perchlorate.
  - (j) A device designed to spray out paper confetti or streamers and which contains less than one-quarter grain of explosive mixture.
  - (k) A device designed to produce an audible sound but not explode, spark, move or emit an external flame after ignition and which does not exceed 3 grams in total weight.
  - (L) A device that emits smoke with no external flame and does not leave the ground.
  - (m) A cylindrical fountain not exceeding 100 grams in total weight with an inside tube diameter not exceeding 0.75 inch, designed to sit on the ground and emit only sparks and smoke.
  - (n) A cone fountain not exceeding 75 grams in total weight, designed to sit on the ground and emit only sparks and smoke.
- (19) "Flammable liquid" means a liquid having a flash point below 100° F and having a vapor pressure not exceeding 40 psi absolute at 100° F.

(20) "General supervision" means to assume the responsibility of an activity of others and its results without being present at the site where the activity is being conducted.

(21) "HVAC" means heating, ventilating and air conditioning.

(22) "HVAC equipment" means materials, piping, fittings, devices, appliances, apparatus, controls and control wiring used as part of or in connection with permanent heating, ventilating or air conditioning installations in buildings. HVAC equipment includes furnaces, ventilation ductwork, baseboard heaters, bathroom fans and kitchen hoods. HVAC equipment does not include masonry fireplaces and chimneys, factory-built fireplaces and venting systems, decorative gas fireplaces, water heaters and process heating equipment.

(23) "Incompetence" means conduct which evidences a lack of competence or ability to discharge the duty required to protect the health, safety and welfare of the public, lack of knowledge of the fundamental principles of a particular trade or practice, or an inability to apply those principles, or failure to maintain competency in the current practices and methods applicable to the activity and the state statutes and rules governing the activity.

(24) "Journeyman automatic fire sprinkler fitter" has the meaning specified under s. 145.01 (6), Stats.

Note: Under s. 145.01 (6), Stats., "journeyman automatic fire sprinkler fitter" means any person other than an automatic fire sprinkler contractor who is engaged in the practical installation of automatic fire sprinkler systems.

(25) "Journeyman plumber" has the meaning specified under s. 145.01 (7), Stats.

Note: Under s. 145.01 (7), Stats., "journeyman plumber" means any person other than a master plumber, who is engaged in the practical installation of plumbing.

(26) "Journeyman plumber-restricted" means a person licensed under s. 145.14, Stats.

Note: See appendix for further explanatory material.

(27) "Listed device" has the meaning specified under s. 167.10 (1) (e), (f) and (i) to (n); Stats.

Note: See the note after the definition of "fireworks", sub. (18), for the statutory language of s. 167.10 (1) (e), (f) and (i) to (n).

(28) "Master plumber" has the meaning specified under s. 145.01 (8), Stats.

Note: Under s. 145.01 (8), Stats., "master plumber" means any person skilled in the planning, superintending and the practical installation of plumbing and familiar with the laws, rules and regulations governing the same.

(29) "Master plumber-restricted" means a person licensed under s. 145.14, Stats.

Note: See appendix for further explanatory material.

(30) "Misconduct" means an act performed by an individual relating to of the responsibilities or duties for which the individual has been licensed, registered or certified that jeopardizes the interests of the public, including violation of federal or state laws, local ordinances or administrative rules; preparation of deficient or falsified reports; failure to submit information or reports required by law or contract when requested by the municipality or the department; conduct which evidences a lack of trustworthiness; misrepresentation of qualifications such as education, experience or certification; illegal entry of premises; misuse of funds; or misrepresentation of authority.

(31) "Municipality" means a city, village, town or county.

(32) "Negligence" means the failure to exercise the degree of care and judgment to protect public health and safety normally expected of an individual performing activities within the scope of a credential category.

(33) "Pipe layer" has the meaning specified under s. 145.01 (13), Stats.

Note: Under s. 145.01 (13), Stats., "pipe layer" means a person registered under s. 145.07 (11).

(34) "Plumbing" has the meaning specified under s. 145.01 (10), Stats.

Note: Under s. 145.01 (10), Stats., "plumbing" means and includes:

(a) All piping, fixtures, appliances, equipment, devices and appurtenances in connection with the water supply, water distribution and drainage systems, including hot water storage tanks, water softeners and water heaters connected with such water and drainage systems and also includes the installation thereof.

(b) The construction, connection or installation of any drain or waste piping system from the outside or proposed outside foundation walls of any building to the mains or other sewage system terminal within bounds of, or beneath an area subject to easement for highway purposes, including private sewage systems, and the alteration of any such systems, drains or waste piping.

(c) The water service piping from the outside or proposed outside foundation walls of any building to the main or other water utility service terminal within bounds of, or beneath an area subject to easement for highway purposes and its connections.

(d) The water pressure system other than municipal systems as provided in ch. 144.

(e) A plumbing and drainage system so designed and vent piping so installed as to keep the air within the system in free circulation and movement; to prevent with a margin of safety unequal air pressures of such force as might blow, siphon or to escape into the building; to prohibit cross-connection, contamination or pollution of the potable water supply and distribution systems, and to provide an adequate supply of water to properly serve, cleanse and operate all fixtures, equipment, appurtenances and appliances served by the plumbing system.

(35) "Plumbing appliance" means any one of a class of plumbing devices which is intended to perform a special function. The operation or control of the appliance may be dependent upon one or more energized components, such as motors, controls, heating elements, or pressure or temperature sensing elements. The devices may be manually adjusted or controlled by the user or operator, or may operate automatically through one or more of the following actions: a time cycle, a temperature range, a pressure range, a measured volume or weight.

(36) "Plumbing apprentice" has the meaning specified under s. 145.01 (4), Stats.

Note: Under s. 145.01 (11), Stats., "plumbing apprentice" means any person other than a journeyman or master plumber who is engaged in learning and assisting in the installation of plumbing and drainage.

(37) "Place of employment" has the meaning specified under s. 101.01 (1) (f), Stats.

Note: Under s. 101.01 (1) (f), Stats., "place of employment" includes every place, whether indoors or out or underground and the premises appurtenant thereto where either temporarily or permanently any industry, trade or business is carried on, or where any process or operation, directly or indirectly related to any industry, trade or business, is carried on, and where any person is, directly or indirectly, employed by another for direct or indirect gain or profit, but does not include any place where persons are employed in private domestic service which does not involve the use of mechanical power or in farming. "Farming" includes those activities specified in s. 102.04 (3), and also includes the transportation of farm products, supplies or equipment directly to the farm by the operator of said farm or employes for use thereon, if such activities are directly or indirectly production. When used with relation to building codes, "place of employment" does not include an adult family home, as defined in s. 50.01 (1), or, except for the purposes of 101.11, a previously constructed building used as a community-based residential facility, as defined in s. 50.01 (1g) which serves 20 or fewer unrelated residents or an adult family home, as defined in s. 50.01 (1).

(38) "POWTS" means privately owned wastewater treatment system and has the meaning specified under s. 145.01 (12), Stats., for "private sewage system".

Note: Under s. 145.01 (12), Stats., "private sewage system" means a sewage treatment and disposal system serving a single structure with a septic tank and soil absorption field located on the same parcel as the structure. This term also means an alternative sewage system approved by the department including a substitute for the septic tank or soil absorption field, a holding tank, a system serving more than one structure or a system located on a different parcel than the structure. A private sewage system may be owned by the property owner or by a special purpose district.

(39) "Private interceptor main sewer" has the meaning specified under s. ILHR 82.11 (118).

Note: Under s. ILHR 82.11 (118) "private interceptor main sewer" means a privately owned sewer serving 2 or more buildings and not directly controlled by a public authority.

(40) "Private water main" has the meaning specified under s. ILHR 82.11 (119).

Note: Under s. ILHR 82.11 (119) "private water main" means a privately owned water main serving 2 or more buildings and not directly controlled by a public authority.

(41) "Process piping" means that piping which is separated from a water supply system or drain system by the appropriate methods or means specified under ch. ILHR 82 and is part of a system used exclusively for refining, manufacturing, industrial or shipping purposes of every character and description.

(42) "Public building" has the meaning specified under s. 101.01 (1) (g), Stats.

Note: Under s. 101.01 (1) (g), Stats., "public building" means any structure, including exterior parts of such building, such as a porch, exterior platform or steps providing means of ingress or egress, used in whole or in part as place or resort, assemblage, lodging, trade, traffic, occupancy, or use by the public or by 3 more tenants. When used in relation to building codes, "public building" does not include a previously constructed building used as a community-based residential facility as defined in s. 50.01 (1g) which serves 20 or fewer unrelated residents or an adult family home, as defined in s. 50.01 (1).

(43) "Refrigeration equipment" has the meaning specified under s. 101.177 (1) (c), Stats.

Note: Under s. 101.177 (1) (c), Stats., "refrigeration equipment" means mechanical vapor compression refrigeration equipment except for a mobile air conditioner, as defined in s. 100.45 (1) (b), or trailer refrigeration equipment, as defined in s. 100.45 (1) (e).

(44) "Registered learner" has the meaning specified under s. 145.01 (13), Stats.

Note: Under s. 145.01 (13), Stats., "registered learner" means a person, other than a restricted plumber licensee, who is learning a limited type of plumbing and is engaged in assisting a restricted licensee.

(45) "Rental unit" has the meaning specified under s. 101.122 (1) (e), Stats.

Note: Under s. 101.122 (1) (e), Stats., "rental unit" means any rented dwelling units. "Rental unit" does not include:

1. Any building containing up to 4 dwelling units, one of which is owner-occupied.
2. Any building constructed after December 1, 1978, which contains up to 2 dwelling units and which is less than 10 years old.
3. Any building constructed after April 15, 1976, which contains up to 2 dwelling units and which is less than 10 years old.
4. Any dwelling unit not rented at any time from November 1 to March 31.

(46) "Restricted plumber licensee" has the meaning specified under s. 145.01 (14), Stats.

Note: Under s. 145.01 (14), Stats., "restricted plumber licensee" means any person licensed as a master plumber (restricted) or a journeyman plumber (restricted) under s. 145.14.

(47) "Sanitary building sewer" has the meaning specified under s. ILHR 82.11 (39).

Note: Under s. ILHR 82.11 (39) "sanitary building sewer" means a building sewer that conveys sewage only



(48) "Storm building sewer" has the meaning specified under s. ILHR 82.11 (40).

Note: Under s. ILHR 82.11 (40) "storm building sewer" means a building sewer which conveys storm water wastes or clear water wastes, or both.

(49) "Utility contractor" has the meaning specified under s. 145.01 (15), Stats.

Note: Under s. 145.01 (15), Stats., "utility contractor" means a person licensed under s. 145.07 (10).

(50) "Water service" has the meaning specified under s. ILHR 82.11 (179).

Note: Under s. ILHR 82.11 (179) "water service" means that portion of a water supply system from the water main or private water supply to the building control valve.

(51) "Water supply system" has the meaning specified under s. ILHR 82.11 (180).

Note: Under s. ILHR 82.11 (180) "water supply system" means the piping of a private water main, water service and water distribution system, fixture supply connectors, fittings, valves, and appurtenances through which water is conveyed to points of usage such as plumbing fixtures, plumbing appliances, water using equipment or other piping systems to be served.

(52) "Year" means 12 consecutive months.

ILHR 5.004 INCORPORATION OF STANDARDS. (1) CONSENT. Pursuant to s. 227.21, Stats., the attorney general and the revisor of statutes have consented to the incorporation by reference of the standards listed in sub. (4).

(2) COPIES. Copies of the adopted standards are on file in the offices of the department, the secretary of state and the revisor of statutes. Copies of the standards may be purchased through the respective organizations listed in Tables 51.25-1 to 51.25-21.

(3) INTERIM AMENDMENTS. Interim amendments of the adopted standards shall have no effect in the state until such time as this section is correspondingly revised to reflect the changes.

(4) ADOPTION OF STANDARDS. The standards referenced in Tables 51.25-1 to 51.25-21 are hereby incorporated by reference into this chapter.

Note: The table in this section provide a comprehensive listing of all of the standards adopted by reference in this code. For requirements or limitations in how these standards are to be applied, refer to the code section that requires compliance with the standard.

**Table 5.004**

<b>AWS</b>	<b>American Welding Society P.O. Box 351040 Miami, Florida 33135</b>
<b>Standard Reference Number</b>	<b>Title</b>
1. D1.1-88	Structural Welding Code-Steel
2. D1.3-89	Structural Welding Code-Sheet Steel

## **Subchapter I General Requirements**

ILHR 5.01 APPLICATION. (1) Application for a credential or a credential examination covered under this chapter shall be submitted on a form prescribed by the department.

Note: Applications for credentials covered under this chapter are available from the Division of Safety and Buildings, P.O. Box 7969, Madison, Wisconsin 53707, telephone 608/266-3151.

(2) An application for a credential which either requires or recognizes the attendance or completion of educational courses as a qualification for the credential shall be accompanied by such evidence, including but not limited to transcripts, that verifies fulfillment of the prerequisite.

ILHR 5.02 FEES. (1) (a) Fees required for the various credentials and their processing under this chapter shall be determined in accordance with Table 5.02, except as provided in par. (b) and ss. ILHR 5.61 (6) (b), 5.62 (7) (b), 5.63 (6) (b), 5.66 (6) (b) and 5.67 (6) (b).

(b) 1. Pursuant to s. 145.05, Stats., a person who holds a master plumber license, master plumber-restricted license, journeyman plumber license or journeyman plumber-restricted license and who is employed by a city of the first, second, or third class as a plumbing inspector is not required to submit a credential fee in order to renew his or her license.

2. A person who applies to renew his or her master plumber license, master plumber-restricted license, journeyman plumber license or journeyman plumber-restricted license without the credential fee as permitted under subd. 1. shall provide evidence that he or she is a plumbing inspector for a first, second or third class city with the application for renewal.

Note: The exemption of not having to pay a credential fee does not relieve an individual of fulfilling all other obligations or responsibilities to renew the license such as continuing education requirements.

(2) Fees required under this chapter for the various credentials or their processing examinations shall not be refundable.

(3) The department shall prorate a credential fee on a monthly basis for the initial issuance of a credential which is issued for less than the full credential period.

(4) (a) The fee for a petition for variance submitted for a rule relative to this chapter shall be \$200.00, except as provided in par. (b).

(b) The fee for a petition for variance submitted and requested by the submitter to be reviewed on a priority basis shall be \$400.00.

(5) A fee of \$10.00 shall be charged to replace a lost or destroyed credential.

**Table 5.02  
FEES**

	Credential Category	Type	Application Fee	Examination Fee	Credential Fee
	<b>Subchapter II</b>				
1.	Class 1 Blaster	License	none	\$20	\$30
2.	Class 2 Blaster	License	none	\$20	\$30
3.	Class 3 Blaster	License	none	\$20	\$30
4.	Class 4 Blaster	License	none	\$20	\$30
5.	Class 5 Blaster	License	none	\$20	\$30
6.	Class 6 Blaster	License	none	\$20	\$30
7.	Class 7 Blaster	License	none	\$20	\$30
8.	Fireworks Manufacturer	License	none	NA	\$25
	<b>Subchapter III</b>				
9.	Boiler Repairer	Registration	none	NA	\$60
10.	Dwelling Contractor Financial Responsibility	Certification	\$10	NA	\$30
11.	Manufactured Home/Mobile Home Seller	License	\$10	NA	\$450
12.	Soil Tester	Certification	\$25	\$50	\$120
13.	Welder	Registration	none	NA	\$25
14.	Weld Test Conductor-Physical	Certification	none	\$20	\$60
15.	Weld Test Conductor-Radiographic	Certification	none	\$20	\$60
	<b>Subchapter IV</b>				
16.	Electrical Contractor	Certification	\$35	NA	\$150
17.	Electrical Contractor-Restricted	Certification	\$35	NA	\$150
18.	Master Electrician	Certification	\$35	\$30	\$120
19.	Journeyman Electrician	Certification	\$35	\$30	\$50
20.	Beginner Electrician	Certification	\$35	NA	\$50
	<b>Subchapter V</b>				
21.	Automatic Fire Sprinkler Contractor	License	\$25	\$100	\$1000
22.	Journeyman Automatic Fire Sprinkler Fitter	License	\$10	\$20	\$90
23.	Automatic Fire Sprinkler System Apprentice	Registration	none	NA	\$15
24.	Automatic Fire Sprinkler Contractor-Maintenance	Registration	\$25	\$50	\$200
25.	Automatic Fire Sprinkler Fitter-Maintenance	Registration	\$10	NA	\$30
26.	Automatic Fire Sprinkler System Tester	Certification	\$10	\$20	\$90
	<b>Subchapter VI</b>				
27.	Boiler-Pressure Vessel Inspector	Certification	none	NA	\$60
28.	In-Service Field Inspector	Certification	none	NA	\$60
29.	Commercial Building Inspector	Certification	\$10	\$20	\$15
30.	Commercial Electrical Inspector	Certification	\$10	\$20	\$15
31.	UDC-Construction Inspector	Certification	\$10	\$20	\$15
32.	UDC-Electrical Inspector	Certification	\$10	\$20	\$15
33.	UDC-HVAC Inspector	Certification	\$10	\$20	\$15
34.	UDC-Plumbing Inspector	Certification	\$10	\$20	\$15
35.	Soil Erosion Inspector	Certification	\$10	NA	\$15
36.	Elevator Inspector	Certification	none	\$45	\$60
37.	POWTS Inspector	Certification	\$10	\$20	\$15
38.	Rental Weatherization Inspector	Certification	\$10	\$20	\$15
39.	Tank System Inspector	Certification	\$20	\$15	\$50
	<b>Subchapter VII</b>				
40.	HVAC Contractor	Registration	\$10	NA	\$50
41.	HVAC Qualifier	Certification	\$10	\$20	\$30
42.	Refrigerant Handling Technician	Certification	none	NA	\$15

**Table 5.02**  
**continued**

	Credential Category	Type	Application Fee	Examination Fee	Credential Fee
<b>Subchapter VIII</b>					
43.	PECFA Consulting Firm	Registration	\$20	NA	\$50
44.	PECFA Consultant	Registration	\$20	NA	\$50
45.	Tank Specialty Firm	Registration	\$20	NA	\$50
46.	Site Assessor	Certification	\$20	\$15	\$50
47.	Aboveground Tank System Installer	Certification	\$20	\$15	\$50
48.	Underground Tank System Installer	Certification	\$20	\$15	\$50
49.	Tank System Liner	Certification	\$20	\$15	\$50
50.	Tank System Remover-Cleaner	Certification	\$20	\$15	\$50
51.	Tank System Tightness Tester	Certification	\$20	NA	\$50
<b>Subchapter IX</b>					
52.	Master Plumber	License	\$20	\$30	\$250
53.	Master Plumber-Restricted Service	License	\$20	\$30	\$250
54.	Master Plumber-Restricted Appliance	License	\$20	\$30	\$250
55.	Journeyman Plumber	License	\$10	\$20	\$90
56.	Journeyman Plumber-Restricted Service	License	\$10	\$20	\$90
57.	Journeyman Plumber-Restricted Appliance	License	\$10	\$20	\$90
58.	Plumbing Apprentice	Registration	none	NA	\$15
59.	Plumbing Learner-Restricted Appliance	Registration	none	NA	\$15
60.	Plumbing Learner-Restricted Service	Registration	none	NA	\$15
61.	Utility Contractor	Registration	\$10	\$30	\$250
62.	Pipe Layer	Registration	\$10	NA	\$90
63.	Cross Connection Control Tester	Registration	\$10	NA	\$90

NA means Not Applicable.

**ILHR 5.03 PETITIONS FOR VARIANCE.** An individual may submit a petition for variance to any rule in this chapter in accordance with ch. ILHR 3.

Note: Many of the rules relating to credentials reflect specific statutory requirements; in such cases the department is not be able to grant a petition for variance if it would supersede a statutory requirement.

**ILHR 5.04 PROCESSING TIMES.** (1) An application for a credential covered under this chapter shall be granted or denied by the department within 21 calendar days after the department receives all of the application materials necessary to obtain the credential.

Note: Pursuant to s. 227.116, Stats., the failure by the department to make a determination on an application results in the department in having to prepare and file a report with the permit information center of the department of development. The failure by the department to make a determination on an application does not relieve the a person from the obligation to comply with the requirements or qualifications of the credential or to secure the credential.

(2) (a) If the credential application information is insufficient, the department shall request additional information within 21 calendar days of receipt of the application.

(b) If an applicant does not respond to a request by the department for additional information within 3 months after the date of the request, the department shall make a determination on the application based upon the information on hand.

**ILHR 5.05 MAILING.** (1) Unless otherwise provided by law, all orders, notices and other papers may be served by the department by first class mail at the address on file with the department.

(2) A credential holder shall be responsible for notifying the department of any change in mailing address.

**ILHR 5.06 CREDENTIAL TERMS.** (1) A credential issued under this chapter shall be valid for a period of time no longer than that specified in Table 5.06.

Note: See ss. ILHR 5.61 (6) (b), 5.62 (7) (b), 5.63 (6) (b), 5.66 (6) (b) and 5.67 (6) (b) regarding credential periods transitioning from one year to 2 years.

(2) A credential issued under this chapter shall expire at midnight on the day or date of expiration specified in Table 5.06

**Table 5.06  
CREDENTIAL EXPIRATIONS**

	<b>Credential Category</b>	<b>Term</b>	<b>Expiration Date</b>	<b>Continuing Education Cycle</b>
	<b>Subchapter II</b>			
1.	Class 1 Blaster	2 years	Date of Issuance	NA
2.	Class 2 Blaster	2 years	Date of Issuance	NA
3.	Class 3 Blaster	2 years	Date of Issuance	NA
4.	Class 4 Blaster	2 years	Date of Issuance	NA
5.	Class 5 Blaster	2 years	Date of Issuance	NA
6.	Class 6 Blaster	2 years	Date of Issuance	NA
7.	Class 7 Blaster	2 years	Date of Issuance	NA
8.	Fireworks Manufacturer	3 years	Date of Issuance	NA
	<b>Subchapter III</b>			
9.	Boiler Repairer	3 years	Date of Issuance	NA
10.	Dwelling Contractor Financial Responsibility	1 year	Date of Issuance	NA
11.	Manufactured Home/Mobile Home Seller	2 years	December 31	NA
12.	Soil Tester	2 years	June 30	March 30
13.	Welder	3 years	Date of Issuance	NA
14.	Weld Test Conductor-Physical	3 years	Date of Issuance	NA
15.	Weld Test Conductor-Radiographic	3 years	Date of Issuance	NA
	<b>Subchapter IV</b>			
16.	Electrical Contractor	3 years	June 30	NA
17.	Electrical Contractor-Restricted	3 years	June 30	NA
18.	Master Electrician	3 years	June 30	March 30
19.	Journeyman Electrician	3 years	June 30	March 30
20.	Beginner Electrician	3 years	June 30	NA

Table 5.06  
continued

	Credential Category	Term	Expiration Date	Continuing Education Cycle
<b>Subchapter V</b>				
21.	Automatic Fire Sprinkler Contractor	2 years	June 30	NA
22.	Journeyman Automatic Fire Sprinkler Fitter	2 years	June 30	NA
23.	Automatic Fire Sprinkler System Apprentice	1 year	Date of Issuance	NA
24.	Automatic Fire Sprinkler Contractor-Maintenance	2 years	June 30	NA
25.	Automatic Fire Sprinkler Fitter-Maintenance	2 years	June 30	NA
26.	Automatic Fire Sprinkler System Tester	2 years	Date of Issuance	NA
<b>Subchapter VI</b>				
27.	Boiler-Pressure Vessel Inspector	2 years	December 31	NA
28.	In-Service Field Inspector	2 years	December 31	NA
29.	Commercial Building Inspector	2 years	June 30	March 30
30.	Commercial Electrical Inspector	2 years	June 30	March 30
31.	UDC-Construction Inspector	2 years	June 30	March 30
32.	UDC-Electrical Inspector	2 years	June 30	March 30
33.	UDC-HVAC Inspector	2 years	June 30	March 30
34.	UDC-Plumbing Inspector	2 years	June 30	March 30
35.	Soil Erosion Inspector	2 years	June 30	NA
36.	Elevator Inspector	2 years	December 31	NA
37.	POWTS Inspector	2 years	June 30	March 30
38.	Rental Weatherization Inspector	2 years	June 30	NA
39.	Tank System Inspector	2 years	Date of Issuance	3 Months Prior to Date of Issuance
<b>Subchapter VII</b>				
40.	HVAC Contractor	2 years	Date of Issuance	NA
41.	HVAC Qualifier	2 years	Date of Issuance	NA
42.	Refrigerant Handling Technician	3 years	Date of Issuance	NA
<b>Subchapter IX</b>				
43.	PECFA Consulting Firm	2 years	Date of Issuance	NA
44.	PECFA Consultant	2 years	Date of Issuance	NA
45.	Tank Specialty Firm	2 years	Date of Issuance	NA
46.	Site Assessor	2 years	Date of Issuance	3 Months Prior to Date of Issuance
47.	Aboveground Tank System Installer	2 years	Date of Issuance	3 Months Prior to Date of Issuance
48.	Underground Tank System Installer	2 years	Date of Issuance	3 Months Prior to Date of Issuance
49.	Tank System Liner	2 years	Date of Issuance	3 Months Prior to Date of Issuance
50.	Tank System Remover-Cleaner	2 years	Date of Issuance	3 Months Prior to Date of Issuance
51.	Tank System Tightness Tester	2 years	Date of Issuance	NA
<b>Subchapter VIII</b>				
52.	Master Plumber	2 years	March 31	December 31
53.	Master Plumber-Restricted Service	2 years	March 31	December 31
54.	Master Plumber-Restricted Appliance	2 years	March 31	December 31
55.	Journeyman Plumber	2 years	March 31	December 31
56.	Journeyman Plumber-Restricted Service	2 years	March 31	December 31
57.	Journeyman Plumber-Restricted Appliance	2 years	March 31	December 31
58.	Plumbing Apprentice	1 year	Date of Issuance	NA
59.	Plumbing Learner-Restricted Appliance	2 years	Date of Issuance	NA
60.	Plumbing Learner-Restricted Service	2 years	Date of Issuance	NA
61.	Utility Contractor	2 years	March 31	NA
62.	Pipe Layer	2 years	March 31	NA
63.	Cross Connection Control Tester	2 years	Date of Issuance	NA

NA means Not Applicable

ILHR 5.07 CREDENTIAL RENEWAL. (1) (a) Except under s. ILHR 5.96, a notice of renewal shall be mailed by the department to a credential holder at least 30 calendar days prior to the expiration of the credential.

(b) Failure to receive a notice for renewal of a credential shall not be considered as an excuse or good cause for failure to renew a credential prior to the expiration of the credential.

(2) (a) Except as provided in par. (b), a person may apply to renew his or her credential provided an application, a credential fee and evidence of all renewal qualifications, if any, are submitted to the department prior to the expiration date of the credential.

Note: Qualification obligations for renewal are specified under the appropriate credential category subchapters.

(b) A person may apply to renew his or her credential in accordance with par. (a) within 6 months after expiration of the credential, provided an application fee as specified in s. ILHR 5.02, Table 5.02 accompanies the renewal application.

(c) An individual who fails to renew his or her credential within 6 months after the expiration date of the credential shall be required to comply with and complete the appropriate requirements for obtaining the credential initially, including the passage of a credential examination, if required.

ILHR 5.08 CONTINUING EDUCATION. (1) PROGRAM SPECIFICATIONS. (a) Only courses, programs and seminars approved in writing by the department shall be used for credit to fulfill continuing education requirements.

(b) 1. Requests for a course, program or seminar to be recognized for approval shall be submitted in writing to the department.

2. Requests for a course, program or seminar to be recognized for approval shall be received by the department at least 30 calendar days prior to the first day the course, program or seminar is to be conducted.

3. Requests for approval shall include sufficient information to determine if the course, program or seminar complies with this subsection.

4. The department shall review and make a determination on a request for approval within 21 calendar days of receipt of the request and information necessary to complete the review.

(c) 1. Thirty minutes of attendance in an approved course, program or seminar shall be deemed equal to 0.5 hours of acceptable continuing education.

2. Continuing education credit for attendance in approved continuing education courses, programs or seminars in other than 30 minute increments shall be rounded down to the next half hour



(d) Courses, programs and seminars to be considered for approval towards continuing education credit shall relate to the skills and knowledge of one or more credential categories.

(e) 1. The department may impose specific conditions in approving a course, program or seminar for continuing education credit, including limiting credit to specific credential categories.

2. a. The approval of a course, program or seminar for continuing education credit shall expire 5 years after the date of approval.

b. Courses, programs or seminars for continuing education credit which were approved prior to the effective date of this chapter, [revisor inserts date], shall expire 5 years from the effective date of this chapter.

3. The department may revoke the approval of a course, program or seminar for continuing education credit for any false statements, misrepresentation of facts or violation of the conditions on which the approval was based. The department may not revoke the approval of a course, program or seminar less than 30 calendar days prior to the course, program or seminar being held.

(f) 1. The individual or organization which had obtained the course, program or seminar approval shall maintain an attendance record of those individuals who have attended and completed the course, program or seminar.

2. The attendance record shall include all of the following:

a. The course name.

b. The course identification number assigned by the department.

c. The date or dates the course was held or completed.

d. The name of each attendee.

e. The name of each credential held by the attendee for which the course applies.

f. The credential number assigned by the department of each attendee.

3. A copy of the attendance record shall be forwarded by the person or organization which had obtained the course, program or seminar approval to the department within 14 calendar days after completion of the course or program.

(2) EVIDENCE OF COMPLIANCE. Each credential holder shall retain evidence of compliance with continuing education requirements throughout the credential period for which continuing education credit was required for renewal of the credential.

(a) The department shall accept as evidence of compliance original or copies of documents, certified by the individual or organization providing the course, program or seminar, indicating attendance and completion of the continuing education credit.

(b) The department may require a credential holder to submit evidence of compliance for the continuing education credit which was required to renew the credential.

(3) CONTINUING EDUCATIONAL CYCLE. (a) For those credential categories which require continuing educational credit for renewal, the credential holder shall obtain the necessary amount of continuing educational credit at least 3 months prior to the expiration date of the credential as specified in Table 5.02.

(b) The time period during which a credential holder may obtain continuing education credit to fulfill the renewal obligations shall commence 3 months prior to the expiration date of the previous credential term.

ILHR 5.09 CREDENTIAL EXAMINATIONS. (1) For those credential categories which require examination, the department shall conduct at least 4 credential examinations annually for each credential category at times and locations specified by the department.

(2) An application and fee for a credential that requires an examination shall be received by the department at least 30 calendar days prior to the day of the examination. The department may postpone the applicant's appearance to another examination date if any of the following occur:

(a) The applicant fails to have the application on file with the department within the required time.

(b) The application information or required qualifications are incomplete.

(c) The examination center is filled to capacity.

(3) Upon verification of the application and the required qualifications, the department shall notify an applicant in writing of the date, time and place of the examination.

(4) (a) An applicant for credential examination shall provide a photo identification or other appropriate evidence to gain admittance to an examination.

(b) An applicant shall bring to a credential examination all necessary materials as specified by the department.

(c) 1 Except as provided in subd. 2, an applicant who fails to appear at a scheduled credential examination without giving notice to the department at least 24 hours before the examination shall be considered to have failed the examination and shall be required to submit a re-examination application and examination fee.

2. The department may waive the 24- hour notification requirement of subd. 1. due to inclement weather, if the applicant notifies the department the day of the examination.

(5) The examination for a credential shall be based on a job analysis of the knowledge, skills and abilities associated with the credential. The examination shall include all of the following subject matter:

(a) Regulations and standards governing the work or activities required or permitted under the credential.

(b) Theories, principles, and practices associated with the activities required or permitted under the credential.

(6) (a) A grade of 70% or greater in each part of a credential examination shall be considered a passing grade.

(b) 1. Except as provided in subd. 2., an applicant failing a part of a multi-part credential examination shall be required to retake only those parts failed.

2. An applicant who does not pass all required parts of a multi-part credential examination within one year after the date of the initial examination shall apply, retake and pass all parts of the credential examination.

(7) (a) The department shall inform an applicant of the results of an examination in writing within 21 calendar days from the examination date.

(b) Upon notification of failing a credential examination, an applicant may request another examination in accordance with s. ILHR 5.01.

(c) 1. An applicant who has successfully passed a credential examination may submit an application and the credential fee as specified under s. ILHR 5.02, Table 5.02 for the appropriate credential within 3 months after the date the department had mailed the results of the examination.

2. Failure to apply for credential in accordance with subd. 1., shall necessitate the applicant to apply, retake and pass another credential examination in order to obtain the credential.

(8) (a) An applicant may request and make an appointment with the department to review his or her examination.

(b) An applicant who has failed his or her examination may not review the examination less than 7 calendar days before the applicant is scheduled to retake the examination.

(c) The department shall retain credential examinations at least 2 months after the date of the examination.

ILHR 5.10 DENIAL, SUSPENSION AND REVOCATION OF CREDENTIALS. (1) Except as provided in sub. (2) pertaining to credentials for master plumbers, journeyman plumbers, cross connection control testers and utility contractors, the department may deny, suspend or revoke a credential under this chapter in accordance with this subsection.

(a) Reasons. The department may deny, suspend or revoke a credential under this chapter if the department determines for any of the following reasons that an applicant or holder of the credential:

1. Fails to meet the qualifications for the credential.
2. Has obtained the credential through fraud or deceit.
3. Has demonstrated negligence or incompetence in fulfilling the responsibilities or obligations of the credential.
4. Has a conflict of interest in fulfilling the responsibilities or obligations under the credential.
5. Has demonstrated misconduct in fulfilling the responsibilities or obligations under the credential.
6. Has been arrested or convicted for a crime substantially related to the credential.
7. Has a physical or mental impairment which prevents the applicant or holder from fulfilling the responsibilities or obligations under the credential.
8. Has violated state, federal or local laws or regulations relating to the conduct of the activities under the credential.

(b) Notice of denial, suspension or revocation. Except as provided under s. 101.654 (4), Stats., relative to a dwelling contractor financial responsibility certification, and par. (c), a notice of denial suspension or revocation shall be sent to the applicant or the credential holder. The notice shall include all of the following:

1. The basis for the denial, suspension or revocation, including the facts relied on by the department to make its decision and a citation of applicable statutes and administrative rules establishing the legal basis for the decision; and
2. A statement that the applicant or the credential holder may file a request for an administrative hearing

Note See s. ILHR 5.31 (3) for a reprint of s. 101.654 (4), Stats.

(c) Summary suspension. Under s. 227.51 (3), Stats., the department may summarily suspend any credential if the department finds that immediate action is necessary for public health, safety or welfare. The summary suspension of a credential shall remain in effect until after a final decision is issued following a hearing.

(d) Hearing. 1. The request for an administrative hearing shall be received by the office of legal counsel of the department no later than 30 days following the date of mailing of the notice under par. (b), otherwise, the request for hearing shall be denied by the department.

Note: Requests for an administrative hearing may be mailed to the Office of Legal Counsel, P.O. Box 7946, Madison, WI 53707-7946, or faxed to (608) 266-1784. Facsimile requests received after 4:30 p.m. are considered filed on the next business day.

2. Hearings shall comply with the provisions of ch. 227, Stats.

(e) Reinstatement. 1. 'Suspension'. A person whose credential has been suspended may apply to have the credential reinstated only after the time set for suspension by the department or the hearing examiner has passed and by complying with the conditions set forth in the suspension order.

2. 'Revocation'. a. Unless the notice of revocation specifically indicates a permanent suspension has been imposed by the department, a person whose credential has been revoked may, after a time period of not less than one year, apply to have the credential reinstated upon satisfactory showing that the basis for the revocation no longer exists.

b. It shall be the responsibility of the person whose credential has been revoked to demonstrate that the credential should be reinstated.

c. Where a satisfactory showing is made, the department shall reinstate the credential but may impose conditions on the reinstated credential to assure compliance with this chapter.

d. The department may require a person whose credential has been revoked to reapply for the credential by complying with all requirements for a new applicant, including payment of application fees and successful completion of an examination.

(2) Pursuant to s. 145.10, Stats., the department may suspend or revoke the credential of any master plumber, journeyman plumber, master plumber-restricted, journeyman plumber-restricted, utility contractor, or cross connection control tester in accordance with this subsection

(a) General. The department may suspend or revoke a credential for any of the following reasons:

1. The practice of fraud or deceit in obtaining a credential.
2. Negligence, incompetence or misconduct in the practice or work allowed by the credential.

3. Failure to correct an installation for which the credential holder is responsible within the time prescribed by the department.

Note: Section 145.10 (1) (b), Stats., indicates that the correction of an installation must take place within 30 days following notification by the department of a violation.

4. Falsified information on an inspection form under s. 145.254 (3), Stats.

(b) Investigations. The department may conduct an investigation of any alleged violations of this chapter or chs. ILHR 82 and 83. If it is determined that no further action is warranted, the department shall notify the persons affected. If the department determines that there is probable cause, it shall order a hearing and notify the persons affected.

(c) Summary suspension. In accordance with s. 145.10 (1), Stats., the department may summarily suspend any credential after providing not less than 10 calendar days notice to the holder of the credential, if it has reason to believe that the allegations in the complaints are justified. The summary suspension shall remain in effect until after a final decision is issued following a hearing.

(d) Hearings. The hearing for the suspension or revocation of a credential shall be conducted as a contested case hearing in accordance with ch. 227, Stats., and s. 145.10, Stats.

(e) Findings. The department may make findings and enter its order on the basis of the facts revealed by its investigation. Any findings as a result of petition or hearing shall be in writing and shall be binding unless appealed to the secretary.

1. 'Suspension'. The period for suspension shall be determined by the hearing examiner or the department. The period for suspension may not exceed one year. A person whose credential has been suspended may apply to have the credential reinstated by filing a new application and payment of the appropriate fee specified in s. ILHR 5.02.

2. 'Revocation'. The period for revocation shall be determined by the hearing examiner or the department. The period for revocation shall not exceed one year. A person whose credential has been revoked shall be eligible for the credential only after the time set for revocation by department order has passed. A person whose credential has been revoked may apply to have the credential reinstated only after submitting a completed application for credential examination, if required, payment of the examination fee, passing of the examination and payment of the credential fee specified in s. ILHR 5.02.

ILHR 5.11 RESPONSIBILITIES. (1) A person who holds a credential under this chapter shall carry on his or her person the credential issued by the department while performing or conducting the activity or activities permitted under the credential.

(2) A person who holds a credential under this chapter shall upon request of the department or its representative present the credential for identification.

**ILHR 5.12 PENALTIES.** Penalties for violation of the provisions of this chapter shall be assessed in accordance with ss. 101.02 (12) or (13), 101.143 or 145.12, Stats., depending upon the credential category or activity involved.

**Note:** See appendix for further explanatory material.

## **Subchapter II Blasting and Fireworks**

ILHR 5.20 BLASTERS. (1) GENERAL. (a) No person may prepare explosive charges or conduct blasting operations unless the person complies with one of the following conditions:

1. Holds a credential issued by the department as a licensed class 1 blaster, licensed class 2 blaster, licensed class 3 blaster, licensed class 4 blaster, licensed class 5 blaster, licensed class 6 blaster or licensed class 7 blaster.

2. Is under the direct supervision of a person who holds a credential issued by the department as a licensed blaster in one or more of the categories specified in subd. 1.

(b) The operations and activities associated with a person who holds a credential as a licensed class 1 blaster, licensed class 2 blaster, licensed class 3 blaster, licensed class 4 blaster, licensed class 5 blaster, licensed class 6 blaster or licensed class 7 blaster shall be limited to the operations or activities delineated under this paragraph.

1. A person, who either holds a credential as a licensed class 1 blaster or is under the direct supervision of a person who holds a credential as a licensed class 1 blaster, may conduct blasting operations and activities not closer than 500 feet to an inhabited building for stumps, boulders, ice, frost, concrete, footings, foundations, pole settings, drainage ditches, beaver dams, pot holes, seismic tests, boiler tubes, fertilizer piles, silos, dimension stone, well shooting, metal forms, black powder or coal piles.

2. A person, who either holds a credential as a licensed class 2 blaster or is under the direct supervision of a person who holds a credential as a licensed class 2 blaster, may conduct blasting operations and activities for stumps, boulders, ice, frost, concrete, footings, foundations, pole settings, drainage ditches, beaver dams, pot holes, seismic tests, boiler tubes, fertilizer piles, silos, dimension stone, well shooting, metal forms, black powder or coal piles.

3. A person, who either holds a credential as a licensed class 3 blaster or is under the direct supervision of a person who holds a credential as a licensed class 3 blaster, may conduct blasting operations and activities for underground mining, underground construction or tunnels.

4. A person, who either holds a credential as a licensed class 4 blaster or is under the direct supervision of a person who holds a credential as a licensed class 4 blaster, may conduct blasting operation and activities not closer than 2500 feet to an inhabited building for quarries, open pits, road cuts, trenches, site excavations, basements, underwater demolition or underground excavations.

5. A person, who either holds a credential as a licensed class 5 blaster or is under the direct supervision of a person who holds a credential as a licensed class 5 blaster, may conduct blasting operations and activities 2500 feet and closer to an inhabited building for quarries, open pits and road cuts.



6. A person, who either holds a credential as a licensed class 6 blaster or is under the direct supervision of a person who holds a credential as a licensed class 6 blaster, may conduct blasting operations and activities 2500 feet and closer to an inhabited building for trenches, site excavations, basements, underwater demolition, underground excavations or structures 15 feet or less in height.

7. A person, who either holds a credential as a licensed class 7 blaster or is under the direct supervision of a person who holds a credential as a licensed class 7 blaster, may conduct blasting operations and activities for structures greater than 15 feet in height, bridges, towers or any of the objects or purposes specified under subds. 1. to 6.

(c) A person who holds a valid blaster license which was issued prior to the effective date of this chapter, [revisor inserts date], shall be deemed to hold the category of blaster license specified in Table 5.20 and may conduct blasting operations and activities under par. (b).

**Table 5.20**

<b>Blaster License Categories Prior to Effective Date of Chapter</b>	<b>New Blaster License Categories</b>
Class 1-Limited Blasting: 1a, 1b, 1c, 1d, 1g	Class 1 Blaster
Class 1-Limited Blasting: 1e, 1f, 1h; Class 4-Precision Blasting: 4g, 4h	Class 2 Blaster
Class 2-Underground Blasting: 2a, 2b	Class 3 Blaster
Class 3-Surface Blasting: 3a, 3b, 3c, 3d	Class 4 Blaster
Class 4-Precision Blasting: 4a, 4b	Class 5 Blaster
Class 4-Precision Blasting: 4c, 4d, 4e, 4f	Class 6 Blaster
Class 5-Special Blasting: 5a, 5b	Class 7 Blaster

(2) APPLICATION FOR EXAMINATION. A person applying to take a blaster license examination shall submit all of the following:

- (a) An application in accordance with s. ILHR 5.01.
- (b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) QUALIFICATIONS FOR EXAMINATION. (a) A person applying to take a blaster license examination shall be at least 21 years old.

(b) A person applying to take a blaster license examination shall have one or more of the following qualifying experience:

- 1. At least 640 hours of experience working under the direct supervision of a person who holds a class 1 blaster license for a class 1 blaster license examination.

2. At least 640 hours of experience working under the direct supervision of a person who holds a class 2 blaster license for a class 2 blaster license examination.

3. At least 640 hours of experience working under the direct supervision of a person who holds a class 3 blaster license for a class 3 blaster license examination.

4. At least 640 hours of experience working under the direct supervision of a person who holds a class 4, class 5 or class 6 blaster license for a class 4 license examination.

5. At least 640 hours of experience working under the direct supervision of a person who holds a class 5 blaster license for a class 5 blaster license examination.

6. At least 1000 hours of experience working under the direct supervision of a person who holds a class 6 blaster license for a class 6 blaster license examination.

7. At least 2000 hours of experience working under the direct supervision of a person who holds a class 7 blaster license for a class 7 blaster license examination.

(4) EXAMINATION. A person seeking to obtain a blaster license shall take and pass an examination in accordance with s. ILHR 5.09.

(5) APPLICATION FOR CREDENTIAL. Upon notification of the successful passage of the examination for a blaster license, a person may obtain the license by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(6) RENEWAL. (a) 1. A person may renew his or her license as a blaster.

2. A blaster license shall be renewed in accordance with s. ILHR 5.07.

(b) The renewal of a blaster license shall be contingent upon the applicant completing and passing a take home examination.

ILHR 5.21 FIREWORKS MANUFACTURERS. (1) GENERAL. (a) Pursuant to s. 167.10 (6m), Stats., no person may manufacture fireworks or a listed device in this state unless the person holds a credential issued by the department as a licensed fireworks manufacturer.

(b) A fireworks manufacturer license shall be obtained and held for each plant where fireworks or listed devices are to be manufactured.

(2) APPLICATION FOR CREDENTIAL. A person applying for a fireworks manufacturer license shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and credential fee in accordance with s. ILHR 5.02, Table 5.02.

(3) QUALIFICATIONS FOR CREDENTIAL. (a) A person applying for a license as a fireworks manufacturer shall hold a federal license issued under 18 USC Chapter 40 Section 843.

(b) The person applying for a fireworks manufacturer license shall be the owner of the business, a partner in the business applying on behalf of a partnership, or the chairman of the board or chief executive officer applying on behalf of the corporation.

(4) RENEWAL. (a) 1. A person may renew his or her license as a fireworks manufacturer.

2. A fireworks manufacturer license shall be renewed in accordance with s. ILHR 5.07.

(b) The renewal of a fireworks manufacturer license shall be contingent upon the applicant possessing a federal license issued under 18 USC Chapter 40 Section 843.

### **Subchapter III Dwellings, Structures and Sites**

ILHR 5.30 BOILER REPAIRERS. (1) GENERAL. A person may repair a boiler or pressure vessel provided either the person holds a credential issued by the department as a registered boiler repairer or works under the general supervision of another person who is a registered boiler repairer.

Note: Section ILHR 42.02 requires the repair or alteration to a boiler or pressure vessel to be performed by an organization which holds a "R" certificate of authorization from the national board of boiler and pressure vessel inspectors, a certificate of authorization from ASME, or a registration as a boiler repairer from the department.

(2) APPLICATION FOR CREDENTIAL. A person applying for a boiler repairer registration shall submit all of the following:

- (a) An application in accordance with s. ILHR 5.01.
- (b) A credential fee in accordance with s. ILHR 5.02, Table 5.02.

(3) QUALIFICATIONS FOR CREDENTIAL. The person applying for a boiler repairer registration shall:

- (a) Be the owner of the business, a partner in the contracting business applying on behalf of a partnership, or the chairman of the board or chief executive officer applying on behalf of the corporation; and
- (b) Possess a quality control manual and program which has been approved by the department and includes welding procedures in accordance with ASME code specification IX.

(4) RENEWAL. (a) A person may renew his or her registration as a boiler repairer.

(b) The boiler repairer registration shall be renewed in accordance with s. ILHR 5.07.

(c) 1. All boiler repair authorizations issued by the department prior to the effective date of this chapter. [revisor inserts date], shall expire one year from the effective date of this chapter.

2. Failure to renew a boiler repair authorization that was issued prior to the effective date of this code shall be considered as a surrender of the authorization to repair boilers or pressure vessels.

ILHR 5.31 DWELLING CONTRACTOR FINANCIAL RESPONSIBILITY (1) GENERAL  
Pursuant to s. 101.654 (1) (a), Stats., no person may obtain a building permit for a one- or 2-family dwelling unless the person holds a credential issued by the department as a dwelling contractor financial responsibility certification, except as provided under s. 101.654 (1) (b), Stats.

Note: Section 101.654 (1) (b), Stats., exempts an owner of a dwelling who resides or will reside in the dwelling and who applies for a building permit to perform work on the dwelling from obtaining a dwelling contractor financial responsibility certification.

(2) APPLICATION FOR CREDENTIAL. A person applying for a dwelling contractor financial responsibility certification shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and a credential fee in accordance with s. ILHR 5.02, Table 5.02.

(3) QUALIFICATIONS FOR CREDENTIAL. (a) A person applying for a dwelling contractor financial responsibility certification shall provide evidence that the person complies with the worker's compensation requirements, unemployment compensation requirements and liability or bond insurance requirements as specified under s. 101.654 (2), Stats.

Note: See the appendix for a reprint of the requirements under 101.654 (2), Stats.

(b) The person applying for a dwelling contractor financial responsibility certification shall be the owner of the contracting business, a partner in the contracting business applying on behalf of a partnership, or the chairman of the board or chief executive officer applying on behalf of the contracting corporation.

(4) RESPONSIBILITIES. A person who holds a dwelling contractor financial responsibility certification shall comply with the responsibilities under s. 101.654 (4), Stats.

Note: Section 101.654 (4), Stats., indicates that the bond or insurance policy required for the certification may not be canceled by the person insured under the bond or policy or by the surety company or insurer except on 30 days' prior written notice served on the department in person or by certified mail. The person insured by the bond or policy shall file with the department proof to the satisfaction of the department of a replacement bond or replacement insurance within the 30-day notice period and before the expiration of the bond or policy. The department shall suspend without prior notice or hearing the certificate of financial responsibility of a person who does not file satisfactory proof of a replacement bond or replacement insurance as required by this subsection.

(5) RENEWAL. (a) Pursuant to s. 101.654 (3), Stats., a dwelling contractor financial responsibility certification shall be valid for no longer than one year after the date of issuance.

(b) 1. A person may renew his or her dwelling contractor financial responsibility certification.

2. A dwelling contractor financial responsibility certification shall be renewed in accordance with s. ILHR 5.07.

ILHR 5.32 MANUFACTURED HOME AND MOBILE HOME SELLERS. (1) GENERAL. (a)

Pursuant s. 101.92 (2), Stats., no manufacturer of manufactured homes or mobile homes may sell or distribute for sale manufactured homes or mobile homes unless the manufacturer holds a credential issued by the department as a licensed manufactured home/mobile home seller.

(b) A manufactured home/mobile home seller license shall be required for each manufacturing plant which manufactures homes to be sold or distributed for sale in the state.

(2) APPLICATION FOR CREDENTIAL. A person applying for a manufactured home/mobile home seller license shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and a credential fee in accordance with s. ILHR 5.02, Table 5.02.

(3) QUALIFICATIONS FOR CREDENTIAL. The person applying for manufactured home/mobile home seller license shall be the owner of the manufacturing business, a partner in the manufacturing business applying on behalf of the partnership, or the chairman of the board or chief executive officer applying on behalf of the manufacturing corporation.

(4) RENEWAL. (a) A person may renew his or her manufactured home/mobile home seller license.

(b) A manufactured home/mobile home seller license shall be renewed in accordance with s. ILHR 5.07.

ILHR 5.33 SOIL TESTERS. (1) GENERAL. Pursuant to s. 145.045, Stats., no person may conduct soil evaluations relative to the discharge or disposal of liquid domestic wastes into the soil unless the person holds a credential issued by the department as a certified soil tester.

(2) APPLICATION FOR EXAMINATION. A person applying to take a soil tester certification examination shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and examination fee specified in s. ILHR 5.02, Table 5.02.

(3) QUALIFICATIONS FOR EXAMINATION. A person applying to take a soil tester certification examination shall be at least 18 years old.

(4) EXAMINATION. A person seeking to obtain a soil tester certification shall take and pass an examination in accordance with s. ILHR 5.09.

(5) APPLICATION FOR CREDENTIAL. Upon notification of the successful passage of the examination for soil tester certification, a person may obtain the certification by submitting an application and a credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(6) RESPONSIBILITIES. A certified soil tester who, as either an employe of a local governmental unit or under contract to a local governmental unit, is responsible for administering regulations governing privately owned wastewater treatment systems may not provide soil evaluations relative to the design, installation or maintenance of private sewage systems within the boundaries of the local governmental unit.

(7) RENEWAL. (a) 1. A person may renew his or her certification as soil tester.

2. A soil tester certification shall be renewed in accordance with s. ILHR 5.07.

(b) 1. The renewal of a credential as a certified soil tester which has an expiration date after June 30, 1998 shall be contingent upon the soil tester obtaining at least 6 hours of acceptable continuing education within the time period specified in s. ILHR 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a credential as a certified soil tester may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

ILHR 5.34 WELDERS. (1) GENERAL. No person may perform structural welding under ss. ILHR 34.39 and 53.53 unless the person holds a credential issued by the department as a registered welder.

(2) APPLICATION FOR CREDENTIAL. A person applying for a welder registration shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) A credential fee in accordance with s. ILHR 5.02, Table 5.02.

(3) QUALIFICATIONS FOR CREDENTIAL. (a) The person applying for a welder registration shall have taken and passed not more than 60 days before the date the application is received by the department one or more tests in accordance with:

1. American Welding Society standard D 1.1, section 5, part C.

2. American Welding Society standard D 1.1, section 5, part E.

3. American Welding Society standard D 1.1, section 5, part D.

4. American Welding Society standard D 1.3, section 6.

(b) The test under par. (a) shall have been conducted by a person who is a certified weld test conductor in accordance with s. ILHR 5.34 or is under the general supervision of a certified weld test conductor.

(4) RESPONSIBILITIES. A person who does structural welding as a registered welder shall:

(a) Perform only those structural welding procedures for which the person has qualified by test within the last 3 years;

(b) Carry proof as to which welding procedures the person has qualified by test; and

(c) Present upon request to the department or its representative proof of the qualified welding procedures.

(5) RENEWAL. (a) A person may renew his or her registration as a welder.

(b) A welder registration shall be renewed in accordance with s. ILHR 5.07.

(c) The renewal of a welder registration shall be contingent upon the welder having taken and passed not more than 60 days before the date of the renewal application a welding test in accordance with sub. (3).

(d) A welder certification issued by the department prior to the effective date of this chapter, [revisor inserts date], may be renewed as a registration in accordance with this subsection.

ILHR 5.35 WELD TEST CONDUCTORS. (1) GENERAL. No person may conduct welding tests for the purpose of qualifying structural welders under s. ILHR 5.34 unless the person holds a credential issued by the department as a certified weld test conductor-physical or a certified weld test conductor-radiographic.

(2) APPLICATION FOR EXAMINATION. A person applying to take a weld test conductor-physical or weld test conductor-radiographic certification examination shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) EXAMINATION. (a) The person seeking to obtain a weld test conductor-physical or weld test conductor-radiographic certification shall take and pass an examination in accordance with s. ILHR 5.09.

(4) APPLICATION FOR CREDENTIAL. Upon notification of the successful passage of the examination for weld test conductor certification, a person may obtain the certification by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).



(5) RESPONSIBILITIES. A person who conducts welding tests for qualifying structural welders under s. ILHR 5.34 as a certified weld test conductor-physical or weld test conductor-radiographic shall:

(a) Ensure that the welding tests, the testing facilities and testing equipment conform with the appropriate standard or standards of:

1. American Welding Society D 1.1, section 5, part C.
2. American Welding Society D 1.1, section 5, part E.
3. American Welding Society D 1.1, section 5, part D.
4. American Welding Society D 1.3, section 6.

(b) Provide to each structural welder who passes a qualifying welding test, documentation in a format specified by the department, indicating the welding procedures for which qualified; and

(c) 1. Maintain a record of those individuals who passed a structural welding qualifying test including the procedures for which qualified for at least 4 years after the date of the test; and

2. Present upon request to the department or its representative the records under subd. 1.

(6) RENEWAL. (a) A person may renew his or her certification as a weld test conductor-physical or weld test conductor-radiographic.

(b) A weld test conductor-physical or weld test conductor-radiographic certification shall be renewed in accordance with s. ILHR 5.07.

(c) 1. All weld test conductor certifications or licenses issued by the department prior to the effective date of this chapter, [revisor inserts date], shall expire one year from the effective date of this chapter.

2. Failure to renew a weld test conductor certification or license that was issued prior to the effective date of this code shall be considered as a surrender of the certification or license to conduct or supervise qualifying structural welding tests.

#### **Subchapter IV Electrical**

**ILHR 5.40 ELECTRICIANS.** (1) A person who holds a credential issued by the department as a certified electrical contractor, certified electrical contractor-restricted, certified master electrician, certified journeyman electrician or certified beginning electrician may perform electrical construction work in a municipality which requires licensure to perform electrical work pursuant to s. 101.87 (2) to (4), Stats., and in accordance with local ordinances.

Note: This subchapter establishes a statewide certification of electricians in various classes, master, journeyman and beginning, recognizing their knowledge and abilities. When an electrician certification is required and what category of certification is needed are determined by individual municipalities.

(2) No person may advertise as a certified electrical contractor, certified master electrician, certified journeyman electrician or certified beginning electrician unless the person holds the appropriate credential issued under this subchapter.

**ILHR 5.41 ELECTRICAL CONTRACTORS. (1) APPLICATION FOR CREDENTIAL.** (a) A person applying for an electrical contractor certification shall submit all of the following:

1. An application in accordance with s. ILHR 5.01.
2. An application and a credential fee in accordance with s. ILHR 5.02, Table 5.02.

(b) Pursuant to s. 101.87 (1), Stats., a person applying for an electrical contractor certification shall provide all of the following:

1. Their social security number.
2. Their worker's compensation number.
3. Their unemployment insurance account number.
4. Their state tax identification number.
5. Their federal tax identification number.
6. The name and address of each partner or member if they are partnerships or limited liability companies, of the owner if they are individual proprietorships and of the officers if the companies are corporations.

Note: See the appendix for a reprint of s. 101.87 (2) and (4), Stats., relating to municipal requirements for electrical contractors.

(2) **QUALIFICATIONS FOR CREDENTIAL.** The person applying for an electrical contractor certification shall be the owner of the contracting business, a partner in the contracting business applying on behalf of the partnership, or the chairman of the board or chief executive officer applying on behalf of the contracting corporation.

(3) **RESPONSIBILITIES.** Pursuant to s. 101.87, Stats., a person who holds an electrical contractor certification shall be a certified master electrician or employ one or more certified master electricians.

(4) **RENEWAL.** (a) 1. A person may renew his or her certification as an electrical contractor.

2. An electrical contractor certification shall be renewed in accordance with s. ILHR 5.07.

(b) The renewal of an electrical contractor certification shall be contingent upon the applicant providing the information required under sub. (1) (b).

ILHR 5.42 ELECTRICAL CONTRACTORS-RESTRICTED. (1) **GENERAL.** Pursuant to s. 101.87 (3), Stats., a person who holds a certification as an electrical contractor-restricted may continue to perform electrical construction work in one or more municipalities where the person held municipal electrical licenses or certifications.

Note: See appendix for a reprint of s. 101.87 (3), Stats.

(2) **APPLICATION FOR CREDENTIAL.** A person applying for an electrical contractor-restricted certification shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and credential fee in accordance with s. ILHR 5.02, Table 5.02.

(3) **QUALIFICATIONS FOR CREDENTIAL.** Pursuant to s. 101.87 (3), Stats., a person applying for an electrical contractor-restricted certification shall hold or have held a license or certification to do electrical construction work issued by one or more municipalities as of the date the municipalities required state certification under s. 101.87 (3), Stats.

(4) **RENEWAL.** (a) A person may renew his or her certification as an electrical contractor-restricted.

(b) An electrical contractor-restricted certification shall be renewed in accordance with s. ILHR 5.07.

ILHR 5.43 MASTER ELECTRICIANS. (1) **APPLICATION FOR EXAMINATION.** A person applying to take a master electrician certification examination shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01

(b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(2) QUALIFICATIONS FOR EXAMINATION. (a) Except as provided in par. (b), a person applying for a master electrician certification examination shall have at least 1,000 hours per year of experience for at least 7 years in electrical construction work.

(b) Relative to the experience required under par. (a), each semester spent in a school of electrical engineering or other accredited college, university, technical or vocational school in an electrical-related program shall be considered equivalent to 500 hours of experience, with no more than 3,000 hours and 3 years of experience through education being credited toward the required experience.

(3) EXAMINATION. A person seeking to obtain a master electrician certification shall take and pass an examination in accordance with s. ILHR 5.09.

(4) APPLICATION FOR CREDENTIAL. Upon notification of the successful passage of the examination for a master electrician certification, a person may obtain the certification by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(5) RENEWAL. (a) 1. A person may renew his or her certification as a master electrician.

2. A master electrician certification shall be renewed in accordance with s. ILHR 5.07.

(b) 1. The renewal of a certification as a master electrician which has an expiration date after June 30, 1999 shall be contingent upon the master electrician obtaining at least 18 hours of acceptable continuing within the time period specified in s. ILHR 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a credential as a certified master electrician may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

ILHR 5.44 JOURNEYMAN ELECTRICIANS. (1) GENERAL. A person may obtain a credential as a certified journeyman electrician by either one of the following:

(a) Taking and passing the journeyman electrician certification examination.

(b) Completing an electrical apprenticeship.

(2) APPLICATION FOR EXAMINATION. A person applying to take a journeyman electrician certification examination shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) QUALIFICATIONS FOR EXAMINATION. (a) Except as provided in par. (b), a person applying for a journeyman electrician certification examination shall have at least 1,000 hours per year of experience for at least 5 years in electrical construction work.

(b) Relative to the experience required under par. (a), each semester spent in a school of electrical engineering or other accredited college, university, technical or vocational school in an electrical-related program shall be considered equivalent to 500 hours of experience with no more than 2,000 hours and 2 years of experience through education being credited toward the required experience.

(4) EXAMINATION. Except as provided in sub. (1) (b), a person seeking to obtain a journeyman electrician certification shall take and pass an examination in accordance with s. ILHR 5.09.

(5) APPLICATION FOR CREDENTIAL. (a) Upon notification of the successful passage of the examination for a journeyman electrician certification, a person may obtain the certification by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(b) A person may apply for a credential as a certified journeyman electrician by submitting all of the following:

1. An application, application fee and a credential fee in accordance with ss. ILHR 5.01 and 5.02, Table 5.02.

2. Evidence of completing an electrical apprenticeship program and the program has been recognized by the department under ch. 106, Stats., and the federal department of labor.

(6) RENEWAL. (a) 1. A person may renew his or her certification as journeyman electrician.

2. A journeyman electrician certification shall be renewed in accordance with s. ILHR 5.07.

(b) 1. The renewal of a certification as a journeyman electrician which has an expiration date after June 30, 1999 shall be contingent upon the journeyman electrician obtaining at least 18 hours of acceptable continuing education within the time period specified in s. ILHR 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a credential as a certified journeyman electrician may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

3. A person who initially obtained his or her journeyman electrician certification by completing an electrical apprenticeship and whose request to renew his or her certification is denied because of the failure to fulfill the continuing education requirements of subd. 1. shall be required to take and pass the certification examination under sub. (3) in order to reacquire the journeyman electrician certification.

ILHR 5.45 BEGINNING ELECTRICIANS. (1) APPLICATION FOR CREDENTIAL. A person applying for a beginning electrician certification shall submit all of the following:

- (a) An application in accordance with s. ILHR 5.01.
  - (b) An application fee and credential fee in accordance with s. ILHR 5.02, Table 5.02.
- (2) RENEWAL. (a) A person may renew his or her certification as a beginning electrician.
- (b) A beginning electrician certification shall be renewed in accordance with s. ILHR 5.07.

## **Subchapter V Fire Sprinkler**

ILHR 5.50 FIRE SPRINKLER INSTALLERS. (1) (a) Except as provided in par. (b), pursuant to ss. 145.15 (4), 145.165 and 145.175, Stats., no person may install, maintain or repair automatic fire sprinkler systems unless the person holds a credential issued by the department as a licensed automatic fire sprinkler contractor, a licensed journeyman sprinkler fitter, a registered automatic fire sprinkler system apprentice, a registered automatic fire sprinkler contractor-maintenance, or a registered automatic fire sprinkler fitter-maintenance.

(b) Paragraph (a) does not apply to a person repairing, replacing or maintaining electrical supervisory devices for existing automatic fire sprinkler systems.

(2) No person may conduct the annual activities relative to inspection and testing of an existing automatic fire sprinkler system and components as required by s. ILHR 51.23 (6) unless the person holds a credential issued by the department as a licensed automatic fire sprinkler contractor, a licensed journeyman sprinkler fitter, a registered automatic fire sprinkler system apprentice, a registered automatic fire sprinkler contractor-maintenance, a registered automatic fire sprinkler fitter-maintenance or a registered automatic fire sprinkler system tester.

Note: The rules of this subchapter further restrict or limit the type of automatic fire sprinkler installations and activities which certain credential categories may perform or undertake.

ILHR 5.51 SPRINKLER CONTRACTORS. (1) GENERAL. Except as provided in s. ILHR 5.54, a person licensed as an automatic fire sprinkler contractor shall be responsible for each installation of an automatic fire sprinkler system.

(2) APPLICATION FOR EXAMINATION. A person applying to take an automatic fire sprinkler contractor license examination shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) EXAMINATION. A person seeking to obtain an automatic fire sprinkler contractor license shall take and pass an examination in accordance with s. ILHR 5.09.

(4) APPLICATION FOR CREDENTIAL. Upon notification of the successful passage of the examination for an automatic fire sprinkler system contractor license, a person may obtain the license by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(5) RESPONSIBILITIES. A person who installs, inspects, tests or maintains an automatic fire sprinkler system as a licensed automatic fire sprinkler contractor shall utilize the appropriate credentialed persons to install, inspect, test or maintain automatic fire sprinkler systems.

(6) RENEWAL. (a) A person may renew his or her license as an automatic fire sprinkler contractor.

(b) An automatic fire sprinkler contractor license shall be renewed in accordance with s. ILHR 5.07.

ILHR 5.52 JOURNEYMAN SPRINKLER FITTERS. (1) GENERAL. The activities under s. ILHR 5.50 that may be undertaken by a person who holds a credential as a licensed journeyman automatic fire sprinkler fitter shall be performed under the general supervision of a person who holds a credential as a licensed automatic fire sprinkler contractor.

(2) APPLICATION FOR EXAMINATION. A person applying to take a journeyman automatic fire sprinkler fitter license examination shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) QUALIFICATIONS FOR EXAMINATION. A person applying for journeyman automatic fire sprinkler fitter license examination shall have completed an automatic fire sprinkler system apprenticeship recognized under ch. 106, Stats.

(4) EXAMINATION. A person seeking to obtain a journeyman automatic fire sprinkler fitter license shall take and pass an examination in accordance with s. ILHR 5.09.

(5) APPLICATION FOR CREDENTIAL. Upon notification of the successful passage of the examination for a journeyman automatic fire sprinkler system fitter license, a person may obtain the license by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(6) RENEWAL. (a) A person may renew his or her license as a journeyman automatic fire sprinkler fitter.

(b) A journeyman automatic fire sprinkler fitter license shall be renewed in accordance with s. ILHR 5.07.

ILHR 5.53 SPRINKLER SYSTEM APPRENTICES. (1) GENERAL. The activities under s. ILHR 5.50 that may be undertaken by a person who holds a credential as a registered automatic fire sprinkler system apprentice shall be performed under the general supervision of a person who is a licensed automatic fire sprinkler contractor.

(2) APPLICATION FOR CREDENTIAL. A person applying for an automatic fire sprinkler system apprentice registration to install, test or maintain automatic fire sprinkler systems shall submit all of the following



(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and a credential fee in accordance with s. ILHR 5.02, Table 5.02.

(3) **QUALIFICATIONS FOR CREDENTIAL.** A person applying for automatic fire sprinkler apprentice registration to install, test or maintain automatic fire sprinkler systems shall be indentured in an automatic fire sprinkler apprenticeship recognized under ch. 106, Stats.

(4) **RENEWAL.** (a) 1. A person may renew his or her registration as an automatic fire sprinkler system apprentice.

2. An automatic fire sprinkler system apprentice registration shall be renewed in accordance with s. ILHR 5.07.

(b) The renewal of a registration as an automatic fire sprinkler apprentice is contingent upon the person submitting evidence that the person is indentured in an automatic fire sprinkler system apprenticeship under ch. ILHR 106, Stats.

ILHR 5.54 SPRINKLER MAINTENANCE CONTRACTORS. (1) **GENERAL.** Pursuant to s. 145.175, Stats., the activities under s. ILHR 5.50 that may be undertaken by a person who holds a credential as a registered automatic fire sprinkler contractor-maintenance shall be:

(a) Performed only within the facilities or properties of the business establishment where the person is employed; and

(b) Limited to modifying or extending an existing automatic fire sprinkler system by no more than 15 sprinklers per project.

(2) **APPLICATION FOR EXAMINATION.** A person applying to take an automatic fire sprinkler contractor-maintenance registration examination shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) **EXAMINATION.** A person seeking to obtain an automatic fire sprinkler contractor-maintenance registration shall take and pass an examination in accordance with s. ILHR 5.09.

(4) **APPLICATION FOR CREDENTIAL.** Upon notification of the successful passage of the examination for an automatic fire sprinkler contractor-maintenance registration, a person may obtain the registration by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09.

(7) (c).

(5) **RENEWAL.** (a) A person may renew his or her registration as an automatic fire sprinkler contractor-maintenance.

(b) An automatic fire sprinkler contractor-maintenance registration shall be renewed in accordance with s. ILHR 5.07.

ILHR 5.55 SPRINKLER MAINTENANCE FITTERS. (1) GENERAL. Pursuant to s. 145.165, Stats., the activities under s. ILHR 5.50 that may be undertaken by a person registered as an automatic fire sprinkler fitter-maintenance shall be performed:

(a) Only within the facilities or properties of the business establishment where employed; and

(b) Under the general supervision of a person who holds a credential as a registered automatic fire sprinkler contractor-maintenance.

(2) APPLICATION FOR CREDENTIAL. A person applying for an automatic fire sprinkler fitter-maintenance registration shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) A credential fee in accordance with ss. ILHR 5.02.

(3) RENEWAL. (a) A person may renew his or her registration as an automatic fire sprinkler fitter-maintenance.

(b) An automatic fire sprinkler fitter-maintenance registration shall be renewed in accordance with s. ILHR 5.07.

ILHR 5.56 SPRINKLER TESTERS. (1) GENERAL. A person who holds a credential issued by the department as a registered automatic fire sprinkler system tester may conduct the annual activities relative to inspection and testing of an existing automatic fire sprinkler system and components as required by s. ILHR 51.23 (6) and NFPA 25.

(2) APPLICATION FOR EXAMINATION. A person applying to take an automatic fire sprinkler system tester registration examination shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and a credential fee in accordance with s. ILHR 5.02, Table 5.02.

(3) EXAMINATION. A person seeking to obtain an automatic fire sprinkler system tester registration shall take and pass an examination in accordance with s. ILHR 5.09.

(4) APPLICATION FOR CREDENTIAL. Upon notification of the successful passage of the examination for an automatic fire sprinkler system tester registration, a person may obtain the registration by submitting an application and a credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(5) RENEWAL. (a) A person may renew his or her registration as an automatic fire sprinkler system tester.

(b) An automatic fire sprinkler system tester registration shall be renewed in accordance with s. ILHR 5.07.

## Subchapter VI Inspection

ILHR 5.60 BOILER-PRESSURE VESSEL INSPECTORS. (1) GENERAL. No person may inspect, as required under chs. ILHR 41 and 42, a boiler or pressure vessel for the purpose of determining compliance with chs. ILHR 41 and 42 or submit an inspection report to the department documenting compliance or noncompliance with chs. ILHR 41 and 42 unless the person holds a credential issued by the department as a:

(a) Certified boiler-pressure vessel inspector; or

(b) Certified in-service field inspector working under the general supervision of a certified boiler-pressure vessel inspector who has assumed responsibility for the inspection or the report.

(2) APPLICATION FOR CREDENTIAL. A person applying for a boiler-pressure vessel inspector certification or an in-service field inspector certification shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and a credential fee in accordance with s. ILHR 5.02, Table 5.02.

(3) QUALIFICATIONS FOR CREDENTIAL. (a) A person applying for a boiler-pressure vessel inspector certification shall have:

1. Passed the competency examination by the national board of boiler and pressure vessel inspectors; and

2. a. A degree in engineering from an accredited college or university and at least 1,000 hours for one year of experience in the design, construction, operation or inspection of boilers or pressure vessels:

b. An associate degree in mechanical technology from an accredited college or school and at least 1,000 hours per year for at least 2 years of experience in the design, construction, operation or inspection of boilers or pressure vessels; or

c. At least 1,000 hours per year for at least 3 years of experience in the design, construction, operation, or the inspection of boilers or pressure vessels.

(b) A person applying for an in-service field inspector certification shall have:

1. Passed the competency examination by the national board of boiler and pressure vessel inspectors; and

2. a. A degree in engineering from an accredited college or university.

b. An associate degree in mechanical technology from an accredited college or school and at least 1,000 hours in one year of experience in the design, construction, operation or inspection of boilers or pressure vessels; or

c. At least 1,000 hours per year for at least 2 years of experience in the design, construction, operation or inspection of boilers or pressure vessels.

(4) RESPONSIBILITIES. A person who inspects boilers and pressure vessels as a certified boiler-pressure vessel inspector or a certified in-service field inspector shall:

(a) Maintain a record of the inspections made including the date and the findings of the inspections;

(b) Provide a copy of the inspection report to the owner of the property owner or his or her agent; and

(c) Make available to the department upon request or as required under chs. ILHR 41 and 42, his or her inspection records.

(5) RENEWAL. (a) A person may renew his or her certification as a boiler-pressure vessel inspector or an in-service field inspector.

(b) A boiler-pressure vessel inspector certification and an in-service field inspector certification shall be renewed in accordance with s. ILHR 5.07.

ILHR 5.61 COMMERCIAL BUILDING INSPECTORS. (1) GENERAL. A person who holds a credential issued by the department as a certified commercial building inspector may conduct inspections of public buildings and places of employment for the purpose of administering and enforcing chs. ILHR 50 to 64, 66, 69 or 70.

Note: Section ILHR 66.23 requires that inspections of multi-family dwellings for the purpose of administering and enforcing ch. ILHR 66 be conducted by certified inspectors.

(2) APPLICATION FOR EXAMINATION. A person applying to take a commercial building inspector certification examination shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) EXAMINATION. A person seeking to obtain commercial building inspector certification shall take and pass an examination in accordance with s. ILHR 5.09.

(4) APPLICATION FOR CREDENTIAL. Upon notification of the successful passage of the examination for a commercial building inspector certification, a person may obtain the certification by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(5) RESPONSIBILITIES. A person who inspects public buildings and places of employment as a certified commercial building inspector shall:

(a) Maintain a record of the inspections made including the date and the findings of the inspections;

(b) Provide a copy of the inspection report to the owner of the property or his or her agent; and

(c) Make available to the department upon request his or her inspection records.

(6) RENEWAL. (a) 1. A person may renew his or her certification as a commercial building inspector.

2. A commercial building certification shall be renewed in accordance with s. ILHR 5.07.

(b) 1. The transition to a 2-year credential cycle for previously certified inspectors shall be phased in. For the certification period that begins on July 1, 1997 the renewal of applicants whose last names begin with:

a. The letters A to M shall be processed to expire on June 30, 1998; and

b. The letters N to Z shall be processed to expire on June 30, 1999.

2. The credential fee for the renewal of an inspector certification under subd. 1. to expire on June 1, 1998 shall be 50 per cent of the amount specified in Table 5.02.

(c) 1. The renewal of a credential as a certified commercial building inspector which has an expiration date after June 30, 1998 shall be contingent upon the inspector obtaining at least 12 hours of acceptable continuing education within the time period specified in s. ILHR 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a credential as a certified commercial building inspector may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

ILHR 5.62 COMMERCIAL ELECTRICAL INSPECTORS (1) GENERAL Pursuant s. 101.66 (2). Stats., no person may conduct the inspection of electrical installations in public buildings and places of employment for the purpose of administering and enforcing ch. ILHR 16 unless the person holds a credential issued by the department as a certified commercial electrical inspector

Note: Those persons who hold a valid credential as a certified restricted commercial electrical inspector will be issued a credential as a certified commercial electrical inspector upon application for renewal.

(2) APPLICATION FOR EXAMINATION. A person applying to take a commercial electrical inspector certification examination shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) QUALIFICATIONS FOR EXAMINATION. A person applying to take a commercial electrical inspector certification examination shall have:

(a) 1. At least 1,000 hours per year for at least 6 years of experience in electrical construction work, except as provided in subd. 2.

2. Relative to the experience required under subd. 1., each semester spent in a school of electrical engineering or other accredited college, university, technical or vocational school in an electrical-related program shall be considered equivalent to 500 hours of experience with no more than 3,000 hours of education being credited toward the required experience.

(b) At least 1,000 hours per year for at least 3 years of experience in electrical construction work and has a degree in electrical engineering from an accredited college or university; or

(c) At least 1,000 hours per year of for at least 3 years experience in electrical construction work and holds a credential under ch. 443, Stats., as a registered professional engineer, a registered architect or a certified designer of electrical systems.

(4) EXAMINATION. Except as provided sub. (5) (b), a person seeking to obtain a commercial electrical inspector certification shall take and pass an examination accordance with s. ILHR 5.09.

(5) APPLICATION FOR CREDENTIAL. (a) Upon notification of the successful passage of the examination for a commercial electrical inspector certification, a person may obtain the certification by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(b) A person may apply for a credential as a certified commercial electrical inspector by submitting:

1. An application, an application fee and credential fee in accordance with ss. ILHR 5.01 and 5.02; and

2. Evidence that the person holds a certification as a master electrician issued under s. ILHR

(6) RESPONSIBILITIES. A person who inspects electrical construction work as a certified commercial electrical inspector shall:

- (a) Maintain a record of the inspections made including the dates and the findings of the inspections;
- (b) Provide a copy of the inspection report to the property owner or his or her agent; and
- (c) Make available to the department upon request his or her inspection records.

(7) RENEWAL. (a) 1. A person may renew his or her certification as a commercial electrical inspector.

2. A commercial electrical inspector certification shall be renewed in accordance with s. ILHR 5.07.

(b) 1. The transition to a 2-year credential cycle for previously certified inspectors shall be phased in. For the certification period that begins on July 1, 1997 the renewal of applicants whose last names begin with:

- a. The letters A to M shall be processed to expire on June 30, 1998; and
- b. The letters N to Z shall be processed to expire on June 30, 1999.

2. The credential fee for the renewal of an inspector certification under subd. 1. to expire on June 1, 1998 shall be 50 per cent of the amount specified in Table 5.02.

(c) 1. The renewal of a certification as a commercial electrical inspector which has an expiration date after June 30, 1998 shall be contingent upon the commercial electrical inspector obtaining at least 12 hours of acceptable continuing education within the time period specified in s. ILHR 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a credential as a certified commercial electrical inspector may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

ILHR 5.63 DWELLING INSPECTORS. (1) GENERAL. (a) Pursuant s. 101.88 (2), Stats., no person may conduct the inspection of one- and 2-family dwellings for the purpose of administering and enforcing the chs. ILHR 20 to 25 unless the person holds a credential issued by the department as a

- 1. Certified UDC-construction inspector;
- 2. Certified UDC-electrical inspector;



3. Certified UDC-HVAC inspector;
4. Certified UDC-plumbing inspector; or
5. Certified soil erosion inspector.

(b) A person who holds a credential as a:

1. Certified UDC-construction inspector may inspect one- and 2-family dwellings for the purpose of administering and enforcing chs. ILHR 20 to 22.

2. Certified UDC-electric inspector may inspect one- and 2-family dwellings for the purpose of administering and enforcing chs. ILHR 16 and 24.

3. Certified UDC-HVAC inspector may inspect one- and 2-family dwellings for the purpose of administering and enforcing ch. ILHR 23.

4. Certified UDC-plumbing inspector may inspect one- and 2-family dwellings for the purpose of administering and enforcing chs. ILHR 24 and ILHR 82 and 84.

5. Certified soil erosion inspector may inspect one- and 2-family dwellings for the purpose of administering and enforcing s. ILHR 21.125.

(2) APPLICATION FOR EXAMINATION. A person applying to take a UDC-construction inspector certification examination, UDC-electrical inspector certification examination, UDC-HVAC inspector certification examination, or UDC-plumbing inspector certification examination shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) EXAMINATION. A person seeking to obtain an UDC-construction inspector certification, UDC-electrical inspector certification, UDC-HVAC inspector certification, or UDC-plumbing inspector certification shall be take and pass an examination in accordance with s. ILHR 5.09.

(4) APPLICATION FOR CREDENTIAL. (a) Upon notification of the successful passage of the examination for an UDC-construction inspector certification, an UDC-electrical inspector certification, an UDC-HVAC inspector certification, or an UDC-plumbing inspector certification, a person may obtain the certification by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(b) A person applying for a certified soil erosion inspector certification shall

1. Submit an application, an application fee and credential fee in accordance with ss. ILHR 5.01 and 5.02; and

2. Have complete an approved training course on soil erosion control standards.

(5) RESPONSIBILITIES. A person who inspects one- and 2-family dwellings as a certified UDC-construction inspector, certified UDC-electrical inspector, certified UDC-HVAC inspector, certified UDC-plumbing inspector, or certified soil erosion inspector shall:

(a) Maintain a record of the inspections made relative the date and the findings of the inspections;

(b) Provide a copy of the inspection report to the property owner or his or her agent, and

(c) Make available to the department upon request his or her inspection records.

(6) RENEWAL. (a) 1. A person may renew his or her certification as an UDC-construction inspector, UDC-electrical inspector, UDC-HVAC inspector, UDC-plumbing inspector or soil erosion inspector.

2. An inspector certification under this section shall be renewed in accordance with s. ILHR 5.07.

(b) 1. The transition to a 2-year credential cycle for previously certified inspectors shall be phased in. For the certification period that begins on July 1, 1997 the renewal of applicants whose last names begin with:

a. The letters A to M shall be processed to expire on June 30, 1998; and

b. The letters N to Z shall be processed to expire on June 30, 1999.

2. The credential fee for the renewal of an inspector certification under subd. 1. to expire on June 1, 1998 shall be 50 per cent of the amount specified in Table 5.02.

(c) 1. The renewal of a certification as an UDC-construction inspector, UDC-electrical inspector, UDC-HVAC inspector, or UDC-plumbing inspector which has an expiration date after June 30, 1998 shall be contingent upon the inspector obtaining at least 12 hours of acceptable continuing education within the time period specified in s. ILHR 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a credential as a certified UDC-construction inspector, certified UDC-electrical inspector, certified UDC-HVAC inspector, or certified UDC-plumbing inspector may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

ILHR 5.64 ELEVATOR INSPECTORS. (1) GENERAL. A person who holds a credential issued by the department as a certified elevator inspector may administer and enforce the provisions of ch. ILHR 18 as an authorized representative of the department or a municipality.

(2) APPLICATION FOR EXAMINATION. A person applying to take a elevator inspector certification examination shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) EXAMINATION. A person seeking to obtain an elevator inspector certification license shall take and pass an examination in accordance with s. ILHR 5.09.

(4) APPLICATION FOR CREDENTIAL. Upon notification of the successful passage of the examination for an elevator inspector certification, a person may obtain the certification by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(5) RESPONSIBILITIES. A person who inspects elevators as a certified elevator inspector shall

(a) Maintain a record of the inspections made including the dates and the findings of the inspections;

(b) Provide a copy of the inspection record to the elevator owner or his or her agent; and

(c) Make available to the department upon request inspection records.

(6) RENEWAL. (a) A person may renew his or her certification as an elevator inspector.

(b) An elevator inspector certification shall be renewed in accordance with s. ILHR 5.07.

ILHR 5.66 POWTS INSPECTORS. (1) GENERAL. A person who holds a credential issued by the department as a certified POWTS inspector may inspect privately owned wastewater treatment systems, POWTS, for the purpose of administering and enforcing the provisions of chs. ILHR 82 to 87, as an authorized representative of the department or a local governmental unit.

(2) APPLICATION FOR EXAMINATION. A person applying to take a POWTS inspector certification examination shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) EXAMINATION. A person seeking to obtain a POWTS inspector certification shall take and pass an examination in accordance with s. ILHR 5.09.

(4) APPLICATION FOR CREDENTIAL. Upon notification of the successful passage of the examination for a POWTS inspector certification, a person may obtain the certification by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(5) RESPONSIBILITIES. A person who inspects privately owned wastewater treatment systems as a certified POWTS inspector shall:

(a) Maintain a record of the inspections made including the dates and the findings of the inspections;

(b) Provide a copy of the inspection record to the privately owned wastewater treatment system owner or his or her agent; and

(c) Make available to the department upon request inspection records.

(6) RENEWAL. (a) 1. A person may renew his or her certification as a POWTS inspector.

2. A POWTS certification shall be renewed in accordance with s. ILHR 5.07.

(b) 1. The transition to a 2-year credential cycle for previously certified inspectors shall be phased in. For the certification period that begins on July 1, 1997 the renewal of applicants whose last names begin with:

a. The letters A to M shall be processed to expired on June 30, 1998; and

b. The letters N to Z shall be processed to expired on June 30, 1999.

2. The credential fee for the renewal of an inspector certification under subd. 1. to expire on June 1, 1998 shall be 50 per cent of the amount specified in Table 5.02.

(c) 1. The renewal of a certification as a POWTS inspector which has an expiration date after June 30, 1998 shall be contingent upon the inspector obtaining at least 6 hours of acceptable continuing education within the time period specified in s. ILHR 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a credential as a certified POWTS inspector may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

ILHR 5.67 RENTAL WEATHERIZATION INSPECTORS (1) GENERAL. No person may inspect rental units to determine compliance with ch. ILHR 67 unless the person holds a credential issued by the department as a certified rental weatherization inspector.

(2) APPLICATION FOR EXAMINATION. A person applying to take a rental weatherization inspector certification examination shall submit all of the following:

- (a) An application in accordance with s. ILHR 5.01.
- (b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) EXAMINATION. A person seeking to obtain a rental weatherization inspector certification shall take and pass an examination in accordance with s. ILHR 5.09.

(4) APPLICATION FOR CREDENTIAL. Upon notification of the successful passage of the examination for a rental weatherization inspector certification, a person may obtain the certification by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(5) RESPONSIBILITIES. A person who inspects rental units as a certified rental weatherization inspector shall:

- (a) Maintain a record of the inspections made including the dates and the findings of the inspections;
- (b) Provide a copy of the inspection record to the rental property owner or his or her agent; and
- (c) Make available to the department upon request inspection records.

(6) RENEWAL. (a) 1. A person may renew his or her certification as a rental weatherization inspector.

2. A rental weatherization inspector certification shall be renewed in accordance with s. ILHR 5.07.

(b) 1. The transition to a 2-year credential cycle for previously certified inspectors shall be phased in. For the certification period that begins on July 1, 1997 the renewal of applicants whose last names begin with:

- a. The letters A to M shall be processed to expired on June 30, 1998; and
- b. The letters N to Z shall be processed to expired on June 30, 1999.

2. The credential fee for the renewal of an inspector certification under subd. 1. to expire on June 1, 1998 shall be 50 per cent of the amount specified in Table 5.02.

**ILHR 5.68 TANK SYSTEM INSPECTORS (1) GENERAL.** No person may inspect a tank system which has held or will hold flammable or combustible liquids to determine compliance with ch. ILHR 10 unless the person holds a credential issued by the department as a certified tank system inspector

(2) APPLICATION FOR EXAMINATION. A person applying to take a tank system inspector certification examination shall submit all of the following:

- (a) An application in accordance with s. ILHR 5.01.
- (b) An application fee and examination fee in accordance with Table 5.02.

(3) QUALIFICATIONS FOR EXAMINATION. A person applying to take a tank system inspector certification examination shall have completed an approved educational course or training program.

(4) EXAMINATION. The examination for a tank system inspector shall be conducted in accordance with s. ILHR 5.09.

(5) APPLICATION FOR CREDENTIAL. Upon notification of successfully passing the examination for a tank system inspector certification, a person may obtain the certification by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(6) RESPONSIBILITIES. A person who inspects tank systems as a certified tank system inspector shall:

- (a) Maintain a record of the inspections made including the dates and the findings of the inspections;
- (b) Provide a copy of the inspection report to the owner of the tank system owner or his or her agent; and
- (c) Make available to the department upon request his or her tank system inspection records.

(7) RENEWAL. (a) A person may renew his or her certification as a tank system inspector in accordance with s. ILHR 5.07.

(b) 1. The renewal of a credential as a certified tank system inspector which has an expiration date after December 31, 1999 shall be contingent upon the inspector obtaining at least 12 hours of acceptable continuing education within the time period specified in s. ILHR 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a credential as a certified tank system inspector may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

## Subchapter VII Mechanical

ILHR 5.70 HVAC CONTRACTORS. (1) GENERAL. (a) Pursuant to ss. 101.177 (2) and (3) (a) and 101.178 (2), Stats., no person, entity or business may engage or offer to engage in the activity of installing or servicing heating, ventilating or air conditioning equipment, except as provided in par. (b), or installing or servicing refrigeration equipment that would release or may release ozone-depleting refrigerant or sell for reuse used ozone-depleting refrigerant from refrigeration equipment, unless the person, entity or business holds a credential issued by the department as a registered HVAC contractor.

(b) 1. A person, entity or business is not required to hold a credential as a registered HVAC contractor to service existing heating, ventilating or air conditioning equipment or systems within facilities or properties owned by the person or entity.

2. A person, entity or business is not required to hold a credential as a registered HVAC contractor for electrical or plumbing work associated with the installation or servicing of HVAC equipment or systems.

Note: Plumbing work associated with the installation or servicing of HVAC equipment or systems may necessitate a plumbing license under subch. IX. Electrical work associated with the installation or servicing of HVAC equipment or systems may necessitate under local ordinance an electrical certification.

3. A person, entity or business which holds prior to the effective date of this chapter, [revisor inserts date], either a letter issued by the department acknowledging registration of their business to handle ozone-depleting refrigerants or to sale used ozone-depleting refrigerants or a valid credential as a registered HVAC contractor may engage in all of the business activities listed in par. (a) until the expiration of the registration.

4. A person, entity or business which holds prior to the effective date of this chapter, [revisor inserts date], both a letter issued by the department acknowledging registration of the business to handle ozone-depleting refrigerants and a valid credential as a registered HVAC contractor may engage in the all of the business activities listed in par. (a) until the expiration of the registration with the latest expiration date.

Note: See sub. (5) and ILHR 5.07 as to the renewal procedures of a credential.

(2) APPLICATION FOR CREDENTIAL. A person applying for an HVAC contractor registration shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and a credential fee in accordance with s. ILHR 5.02. Table 5.02.

(3) **QUALIFICATIONS FOR CREDENTIAL.** The person applying for an HVAC contractor registration shall be the owner of the contracting business, a partner in the contracting business applying on behalf of a partnership, or the chairman of the board or chief executive officer applying on behalf of the contracting corporation.

(4) **RENEWAL.** (a) 1. A person may renew his or her registration as an HVAC contractor.

2. An HVAC contractor registration shall be renewed in accordance with s. ILHR 5.07.

(b) A person, entity or business upon expiration of their registration to handle ozone-depleting refrigerants may renew the registration as an HVAC contractor in accordance with s. ILHR 5.07.

**ILHR 5.71 HVAC QUALIFIERS.** (1) **GENERAL.** (a) Pursuant to s. 101.178 (3), Stats., an individual may obtain in accordance with this section an HVAC qualifier certification from the department relative to the business of installing or servicing heating, ventilating or air conditioning equipment.

(b) A person or entity who utilizes a person who holds an HVAC qualifier certification under this section shall be deemed to be a certified HVAC business and pursuant to s. 101.178 (3) (c), Stats., may not be required to obtain a local certification, license or other approval in order to engage in the business of installing or servicing heating, ventilating or air conditioning equipment.

(2) **APPLICATION FOR EXAMINATION.** A person applying to take HVAC qualifier certification examination shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) **QUALIFICATIONS FOR EXAMINATION.** A person applying for an HVAC qualifier certification examination shall have completed:

(a) At least 1000 hours per year for at least 4 years of experience in supervising or performing the design, installation, servicing or maintenance of HVAC systems or equipment.

(b) At least 4 years of attendance in a school of mechanical engineering or in an accredited college, university, or technical, vocational or apprenticeship school in an HVAC-related program; or

(c) Any combination of 4 years of experience recognized under par. (a) and education recognized under par. (b).

(4) **EXAMINATION.** A person seeking to obtain an HVAC qualifier certification shall take and pass an examination in accordance with s. ILHR 5.09.



(5) APPLICATION FOR CREDENTIAL. Upon notification of the successful passage of the examination for HVAC qualifier certification, a person may obtain the certification by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(6) RENEWAL. (a) A person may renew his or her HVAC qualifier certification.

(b) An HVAC qualifier certification shall be renewed in accordance with s. ILHR 5.07.

ILHR 5.72 REFRIGERANT HANDLING TECHNICIANS. (1) GENERAL. Pursuant to s. 101.177 (4) (a), Stats., no person may install or service a piece of refrigeration equipment that would release or may release an ozone-depleting refrigerant unless the person holds a credential issued by the department as a certified refrigerant handling technician.

(2) APPLICATION FOR CREDENTIAL. A person applying for a refrigerant handling technician certification shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and a credential fee in accordance with s. ILHR 5.02, Table 5.02.

(3) QUALIFICATIONS FOR CREDENTIAL. A person applying for a refrigerant handling technician certification shall hold a credential issued per 40 CFR part 82.161.

(4) RESPONSIBILITIES. A person who uses ozone-depleting refrigerant transfer, recovery or recycling equipment as a certified refrigerant handling technician shall use approved equipment refrigerant recycling equipment or approved refrigerant reclaiming equipment when servicing a piece of refrigerant equipment that contains ozone-depleting refrigerant.

(5) EXPIRATION SUNSET. All credentials for certified refrigerant handling technicians issued by the department prior to the effective date of this chapter, [revisor inserts date], shall expire on a date specified in writing by the department.

(a) 1 The expiration date specified by the department shall be no earlier than December 31, 1996 and no later than December 31, 1999.

2 The expiration date specified by the department for any certified refrigerant handling technician shall not be less than 3 years from the issuance of the original credential.

(b) 1 The department shall send an expiration notice to each individual certified prior to the effective date of this chapter. [revisor inserts date].

2 The expiration notice shall be sent to the address of each certified refrigerant handling technician on file with the department.

3. Failure to receive a notice of expiration shall not be considered as an excuse for failure to renew a certification.

(c) Failure to renew a certification that was issued prior to the effective date of this chapter, [revisor inserts date], shall be considered as a surrender of the certification to install or service mechanical refrigeration equipment with ozone depleting refrigerants.

(6) RENEWAL. (a) A person may renew his or her certification as a refrigerant handling technician.

(b) A refrigerant handling technician certification shall be renewed in accordance with s. ILHR 5.07.

### **Subchapter VIII Petroleum**

**ILHR 5.80 PECFA CONSULTING FIRMS. (1) GENERAL.** (a) A corporation, partnership, sole proprietor or independent contractor that performs or provides professional level engineering or hydrogeological services related to a claim submitted for reimbursement under the PECFA program, ch. ILHR 47, shall hold a credential issued by the department as a registered PECFA consulting firm.

(b) The services referred to in par. (a) include but are not limited to:

1. Conducting site investigations;
2. Preparing remedial action plans and alternatives;
3. Designing and supervising the installation of remedial systems; and
4. Planning for passive bio-remediation with long term monitoring.

**(2) APPLICATION FOR CREDENTIAL.** An entity applying for a PECFA consulting firm registration shall submit all of the following:

- (a) An application in accordance with s. ILHR 5.01.
- (b) An application fee and credential fee in accordance with s. ILHR 5.02, Table 5.02.

**(3) QUALIFICATIONS FOR CREDENTIAL.** The person applying for a PECFA consulting firm registration shall be the owner of the consulting business, a partner in the consulting business applying on behalf of a partnership, or the chairman of the board or chief executive officer applying on behalf of the consulting corporation.

**(4) RESPONSIBILITIES.** An entity that performs or provides professional level engineering or hydrogeological services related to a claim submitted for reimbursement under the PECFA program, ch. ILHR 47, as a registered PECFA consulting firm shall:

- (a) Make records of PECFA claim services available for inspection and audit as requested by the department for field or financial audits under ch. ILHR 47; and
- (b) Hold errors and omissions professional liability coverage, including pollution impairment liability, of no less than \$1,000,000 per claim, \$1,000,000 annual aggregate and with a deductible of no more than \$100,000 per claim.

**(5) RENEWAL.** (a) 1. An entity may renew their registration as a PECFA consulting firm

2. A PECFA consulting firm registration shall be renewed in accordance with s. ILHR 5.07

(b) The registration of an entity as a PECFA consulting firm that occurred prior to the effective date of these rules shall expire 2 years after the effective date of these rules unless the registration is renewed in accordance with s. ILHR 5.07.

ILHR 5.81 PECFA CONSULTANTS. (1) GENERAL. (a) A person who performs or provides professional level investigation, interpretation, design or technical project management services related to a claim submitted for reimbursement under the PECFA program, ch. ILHR 47, shall hold a credential issued by the department as a registered PECFA consultant.

(b) The services referred to in par. (a) include but are not limited to:

1. Conducting site investigations;
2. Preparing remedial action plans and alternatives; or
3. Interpretation of data for passive or active bio-remediation systems.

(2) APPLICATION FOR CREDENTIAL. A person applying for a PECFA consultant registration shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and credential fee in accordance with s. ILHR 5.02, Table 5.02

(3) RESPONSIBILITIES. A person who performs or provides professional level investigation, interpretation, design or technical project management services related to a claim submitted for reimbursement under the PECFA program, ch. ILHR 47, as a registered PECFA consultant shall either hold or be covered by errors and omissions professional liability coverage, including pollution impairment liability, of no less than \$1,000,000 per claim, \$1,000,000 annual aggregate and with a deductible of no more than \$100,000 per claim.

(4) RENEWAL. (a) 1. A person may renew his or her registration as a PECFA consultant.

2. A PECFA consultant registration shall be renewed in accordance with s. ILHR 5.07.

(b) The registration of a person as a PECFA consultant that occurred prior to the effective date of these rules shall expire 2 years after the effective date of these rules unless the registration is renewed in accordance with s. ILHR 5.07.

ILHR 5.82 TANK SPECIALTY FIRMS. (1) GENERAL. (a) A corporation, partnership, sole proprietor or independent contractor that provides or offers to provide storage tank system installation, removal, testing, lining, cleaning or site assessments shall hold a credential issued by the department as a registered specialty tank firm.

(2) APPLICATION FOR CREDENTIAL. An entity applying for a specialty tank firm registration shall submit all of the following:

- (a) An application in accordance with s. ILHR 5.01.
- (b) An application fee and credential fee in accordance with s. ILHR 5.02, Table 5.02.

(3) QUALIFICATIONS FOR CREDENTIAL. The person applying for a specialty tank firm registration shall be the owner of the business, a partner in the business applying on behalf of a partnership, or the chairman of the board or chief executive officer applying on behalf of the corporation.

(4) RESPONSIBILITIES. An entity that provides storage tank system installation, removal, testing, lining, cleaning or site assessments as a registered specialty tank firm shall utilize the appropriate credentialed persons to install, remove, test, line, or clean storage tanks, or to provide site closure assessments.

(5) RENEWAL. (a) 1. A person may renew his or her registration as a specialty tank firm.

2. A special tank firm registration shall be renewed in accordance with s. ILHR 5.07.

(b) The registration of an entity as a specialty tank firm that occurred prior to the effective date of these rules shall expire 2 years after the effective date of these rules unless the registration is renewed in accordance with s. ILHR 5.07.

ILHR 5.83 SITE ASSESSORS. (1) GENERAL. No person may conduct a site closure assessment required under s. ILHR 10.734 unless the person holds a credential issued by the department as a certified site assessor.

(2) APPLICATION FOR EXAMINATION. A person applying to take site assessor certification examination shall submit all of the following:

- (a) An application in accordance with s. ILHR 5.01.
- (b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) EXAMINATION. A person seeking to obtain a site assessor certification shall take and pass an examination in accordance with s. ILHR 5.09.

(4) APPLICATION FOR CREDENTIAL. Upon notification of successfully passing the examination for a site assessor certification, a person may obtain the certification by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(5) RENEWAL. (a) 1. A person may renew his or her certification as a site assessor.

2. A site assessor certification shall be renewed in accordance with s. ILHR 5.07.

(b) 1. The renewal of a certification as a site assessor which has an expiration date after December 31, 1999 shall be contingent upon the site assessor obtaining at least 12 hours of acceptable continuing education within the time period specified in s. ILHR 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a certification as a site assessor may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

ILHR 5.84 ABOVEGROUND TANK SYSTEM INSTALLERS. (1) GENERAL. No person may install an aboveground tank system which is to hold flammable or combustible liquids unless:

(a) The person holds a credential issued by the department as a certified aboveground tank system installer; or

(b) The person is under the direct supervision of another person who holds a credential issued by the department as a certified aboveground tank installer.

(2) APPLICATION FOR EXAMINATION. A person applying to take an aboveground tank system installer certification examination shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) EXAMINATION. A person seeking to obtain an aboveground tank system installer certification shall take and pass an examination in accordance with s. ILHR 5.09.

(4) APPLICATION FOR CREDENTIAL. Upon notification of successfully passing the examination for an aboveground tank system installer certification, a person may obtain the certification by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(5) RESPONSIBILITIES. A person who installs or supervises the installation of tank systems as a certified aboveground tank system installer shall be present at the job site for at least all of the following activities:

(a) Preinstallation tank system testing.

(b) Inspection and repair of coatings.

(c) Placement of tanks.

(d) Installation and testing of all connections and tank-related piping including vapor recovery, vents and supply pipes.

(e) Installation of monitoring devices.

(f) Installation of pumps and dispensers.

(6) RENEWAL. (a) 1. A person may renew his or her certification as an aboveground tank system installer.

2. An aboveground tank system installer certification shall be renewed in accordance with s. ILHR 5.07.

(b) 1. The renewal of a certification as an aboveground tank system installer which has an expiration date after December 31, 1999 shall be contingent upon the installer obtaining at least 12 hours of acceptable continuing education within the time period specified in s. ILHR 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a certification as an aboveground tank system installer may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

ILHR 5.85 UNDERGROUND TANK SYSTEM INSTALLERS. (1) GENERAL. No person may install an underground tank system which is to hold flammable or combustible liquids unless:

(a) The person holds a credential issued by the department as a certified underground tank system installer; or

(b) The person is under the direct supervision of another person who holds a credential issued by the department as a certified underground tank system installer.

(2) APPLICATION FOR EXAMINATION. A person applying to take an underground tank system installer certification examination shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 2.02.

(3) EXAMINATION. A person seeking to obtain an underground tank system installer certification shall take and pass an examination in accordance with s. ILHR 5.09.

(4) APPLICATION FOR CREDENTIAL. Upon notification of successfully passing the examination for an underground tank system installer certification, a person may obtain the certification by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(5) RESPONSIBILITIES. A person who installs or supervises the installation of tanks as a certified underground tank system installer shall be present at the job site for at least all of the following activities:

- (a) Preinstallation tank system testing.
- (b) Inspection and repair of coatings.
- (c) Placing of bedding material and the setting and bedding of tanks.
- (d) Backfilling operations and compacting of backfill around tanks and piping.
- (e) Installation of corrosion protection systems.
- (f) Installation and testing of all connections and tank-related piping including vapor recovery, vents and supply pipes.
- (g) Installation of leak detection devices and any monitoring wells.
- (h) Testing of tanks and piping both prior to and after backfilling.
- (i) Installation of pumps and dispensers.

(6) RENEWAL. (a) 1. A person may renew his or her certification as an underground tank system installer.

2. An underground tank system installer certification shall be renewed in accordance with s. ILHR 5.07.

(b) 1. The renewal of a certification as an underground tank system installer which has an expiration date after December 31, 1999 shall be contingent upon the installer obtaining at least 12 hours of acceptable continuing education within the time period specified in s. ILHR 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a certification as an underground tank system installer may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

ILHR 5.86 TANK SYSTEM LINERS (1) GENERAL. No person may line a tank system which has held or will hold flammable or combustible liquids unless:

- (a) The person holds a credential issued by the department as a certified tank system liner; or



(b) The person is under the direct supervision of another person who holds a credential issued by the department as a certified tank system liner.

(2) APPLICATION FOR EXAMINATION. A person applying to take a tank system liner certification examination shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and examination fee in accordance with s. ILHR 5.02 Table 5.02.

(3) EXAMINATION. A person seeking to obtain a tank system liner certification shall take and pass an examination in accordance with s. ILHR 5.09.

(4) APPLICATION FOR CREDENTIAL. Upon notification of successfully passing the examination for a tank system liner certification, a person may obtain the certification by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(5) RESPONSIBILITIES. A person who lines or supervises the lining of tanks as a certified tank system liner shall be present at the job site for at least all of the following activities:

(a) Removal of product from the tanks and making the atmosphere of the tanks inert or vapor-free.

(b) Cutting of openings in tanks.

(c) Removal and handling of sludge and other wastes from tanks.

(d) Sand blasting of the tank interior.

(e) Inspection for holes and wall thickness.

(f) Repair of holes.

(g) Coating of tanks.

(h) Testing for holidays.

(i) Testing for coating hardness.

(j) Resealing of tanks.

(6) RENEWAL (a) 1. A person may renew his or her certification as a tank system liner.

2. A tank system liner certification shall be renewed in accordance with s. ILHR 5.07

(b) 1. The renewal of a certification as a tank system liner which has an expiration date after December 31, 1999 shall be contingent upon the tank system liner obtaining at least 12 hours of acceptable continuing education within the time period specified in s. ILHR 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a certification as a tank system liner may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

**ILHR 5.87 TANK SYSTEM REMOVERS AND CLEANERS.** (1) GENERAL. No person may remove or clean a tank system which has held flammable or combustible liquids, except as provided in s. ILHR 10.36 (3) (a) 2. unless:

(a) The person holds a credential issued by the department as a certified tank system remover-cleaner; or

(b) The person is under the direct supervision of another person who the person holds a credential issued by the department as a certified tank system remover-cleaner.

Note: Section ILHR 10.36 (3) (a) 2. indicates that certification need not be obtained for individuals performing removal or cleaning of heating fuel tanks located aboveground or in basements at one- and 2- family dwellings.

(2) APPLICATION FOR EXAMINATION. A person applying to take a tank system remover-cleaner certification examination shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) EXAMINATION. A person seeking to obtain a tank system remover-cleaner certification shall take and pass an examination in accordance with s. ILHR 5.09.

(4) APPLICATION FOR CREDENTIAL. Upon notification of successfully passing the examination for a tank system remover-cleaner certification, a person may obtain the certification by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(5) RESPONSIBILITIES. A person who removes or cleans or supervises the removing or cleaning of tanks as a certified tank system remover-cleaner shall be present at the job site for at least all of the following activities:

(a) Disconnecting and draining of piping

(b) Capping of piping

- (c) Vapor freeing or inerting of tanks.
  - (d) Cleaning of tanks and handling of sludge and other wastes.
  - (e) Removal of tank systems from the ground and loading them for transport or filling the tank systems with an inert material.
  - (f) Visual inspection of the soils around the excavation or tank system location.
- (6) RENEWAL. (a) 1. A person may renew his or her certification as a tank system remover-cleaner.
2. A tank remover-cleaner certification shall be renewed in accordance with s. ILHR 5.07.
- (b) 1. The renewal of a certification as a tank system remover-cleaner which has an expiration date after December 31, 1999 shall be contingent upon the remover-cleaner obtaining at least 12 hours of acceptable continuing education within the time period specified in s. ILHR 5.08 and Table 5.06, except as provided in subd. 2.
2. A person who holds a certification as a tank system remover-cleaner may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

ILHR 5.88 TANK SYSTEM TIGHTNESS TESTERS. (1) GENERAL. No person may conduct the tightness testing of a tank system which has held or will hold flammable or combustible liquids unless the person holds a credential issued by the department as a certified tank system tightness tester.

(2) APPLICATION FOR CREDENTIAL. A person applying for a tank system tightness tester certification shall submit all of the following:

- (a) An application in accordance with s. ILHR 5.01.
- (b) An application fee and credential fee in accordance with s. ILHR 5.02, Table 5.02.

(3) QUALIFICATIONS FOR CREDENTIAL. (a) A person applying for a tank system tightness tester certification shall have completed training in one or more tightness test methods which have been approved under s. ILHR 10.125.

(b) The test methodology training qualifying for certification shall have been provided by the person or entity that obtained the approval under s. ILHR 10.125 for the methodology.

(4) RESPONSIBILITIES. A person who conducts tightness tests for tank systems as a certified tank system tightness tester shall

- (a) Conduct tightness tests in accordance with the material approval under s. ILHR 10.125 and any additional manufacturer's instructions; and
  - (b) Employ only those test methodologies for which training has been obtained.
- (5) RENEWAL. (a) A person may renew his or her certification as a tank system tightness tester.
- (b) A tank tightness tester certification shall be renewed in accordance with s. ILHR 5.07.

## Subchapter IX Plumbing

ILHR 5.90 PLUMBING. (1) (a) Except as provided under s. 145.06 (4) Stats., and pursuant to s. 145.06, Stats., no person may install plumbing unless the person holds a credential issued by the department as a licensed master plumber, licensed master plumber-restricted, licensed journeyman plumber, licensed journeyman plumber-restricted, registered plumbing apprentice, registered plumbing learner-restricted, registered utility contractor or registered pipe layer.

(b) 1. Pursuant to s. 145.14, Stats., the plumbing activities that may be undertaken by a person who holds a credential as a licensed master plumber-restricted service, licensed journeyman plumber-restricted service or a registered plumbing learner-restricted service shall be limited to the installation or modification of all of the following:

- a. Privately owned wastewater treatment systems and components under ch. ILHR 83.
- b. Building sewers and private interceptor main sewers under ch. ILHR 82.
- c. Water services and private water mains under ch. ILHR 82.

2. a. The plumbing activities that may be undertaken by a person who holds a credential as a licensed master plumber-restricted service type 2 or licensed journeyman plumber-restricted service type 2 shall be limited to the installation or modification of underground drain and vent piping and plumbing delineated under subd. 1.

b. The plumbing activities that may be undertaken by a person who holds a credential as a licensed master plumber-restricted service type 3 or licensed journeyman plumber-restricted service type 3 shall be limited to the modification of existing water distribution systems and plumbing delineated under subd. 1.

c. The plumbing activities that may be undertaken by a person who holds a credential as a licensed master plumber-restricted service type 4 or licensed journeyman plumber-restricted service type 4 shall be limited to the installation or modification of drain and vent piping to existing drain stacks and vent stacks for the conversion from a private sewage system to municipal sewers and plumbing delineated under subd. 1.

Note: Prior to the effective date of this chapter, [revisor inserts date], plumber-restricted service licenses were referred to as plumber-restricted-sewer licenses and those licenses formerly referred to as plumber-restricted sewer type 1 are now titled plumber-restricted service. Restricted service plumbing licenses types 2 to 4 are no longer available to new applicants. Individuals who currently hold these types of licenses are permitted to renew the licenses and continue to perform the activities under subd. 2. Individuals who hold a journeyman plumber-restricted service type 2 to 4 may seek to obtain the appropriate type of master plumber-restricted service license in accordance with s. ILHR 5.92

3. Pursuant to s. 145.14., Stats., the plumbing activities that may be undertaken by a person who holds a credential as a licensed master plumber-restricted appliance, licensed journeyman plumber-restricted appliance, or registered plumbing learner-restricted appliance shall be limited to the installation and modification of water heaters, water softeners, water treatment devices and other items in connection with an existing water supply system which do not require direct connection to the drain system.

4. The plumbing activities that may be undertaken by a person who holds a credential as a licensed utility contractor or registered pipe layer shall be limited to the installation or modification of water services, private water mains, sanitary building sewers, storm building sewers and private interceptor main sewers.

(2) Pursuant to s. 145.06 (3m), Stats., no person may perform the required testing of cross connection control devices unless the person holds a credential issued by the department as a cross-connection control tester.

(3) A business engaged in the installation of plumbing that utilizes plumbing learners shall maintain a ratio of at least one journeyman plumber or journeyman plumber-restricted for each plumbing learner. For this purpose, a master plumber or master plumber-restricted may act as a journeyman plumber or journeyman plumber-restricted, respectively.

ILHR 5.91 MASTER PLUMBERS. (1) GENERAL. A person may obtain a credential as a licensed master plumber by either:

- (a) Taking and passing the master plumber license examination; or
- (b) Possessing a master plumber license-retiree.

Note: After the effective date of this chapter, [revisor inserts date], plumber licenses-retiree are no longer available to new applicants.

(2) APPLICATION FOR EXAMINATION. A person applying to take a master plumber license examination shall submit all of the following:

- (a) An application in accordance with s. ILHR 5.01.
- (b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) QUALIFICATIONS FOR EXAMINATION. A person applying for a master plumber license examination shall have one of the following qualifications:

- (a) At least 1,000 hours of experience per year for at least 3 consecutive years as a licensed journeyman plumber.
- (b) Graduated from an accredited engineering university or college with a degree in civil engineering, mechanical engineering or other approved engineering curriculum related to plumbing

(4) EXAMINATION. Except as provide in sub. (1) (b), a person seeking to obtain a master plumber license shall take and pass an examination in accordance with s. ILHR 5.09.

(5) APPLICATION FOR CREDENTIAL. (a) Upon notification of the successful passage of the examination for a master plumber license, a person may obtain the license by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(b) A person may apply for a credential as a licensed master plumber by submitting:

1. An application, application fee and a credential fee in accordance with ss. ILHR 5.01 and 5.02, Table 5.02; and

2. Evidence of possessing a master plumber license-retiree.

(6) RESPONSIBILITIES. A person who as a licensed master plumber is responsible for the installation or modification of plumbing shall utilize the appropriate credentialed persons to install or modify plumbing.

(7) EXCHANGES. (a) A person who holds a master plumber license may, upon application to the department, exchange his or her master plumber license for a journeyman plumber license.

(b) A person who has exchanged his or her master plumber license for a journeyman plumber license, may upon application to the department, exchange his or her journeyman plumber license for a master plumber license provided:

1. The person holds a valid journeyman plumber license;

2. The person submits with the application a copy of his or her former master plumber license;

and

3. The credential fee for a master plumber specified in s. ILHR 5.02, Table 5.02 is submitted.

(8) RENEWAL. (a) 1. A person may renew his or her license as a master plumber.

2. A master plumber license shall be renewed in accordance with s. ILHR 5.07.

(b) 1. The renewal of a credential as a licensed master plumber shall be contingent upon the master plumber obtaining at least 12 hours of acceptable continuing education within the time period specified in s. ILHR 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a credential as a licensed master plumber may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

ILHR 5.92 MASTER PLUMBERS-RESTRICTED. (1) GENERAL. A person may obtain a credential as a licensed master plumber-restricted by either:

- (a) Taking and passing the master plumber-restricted license examination; or
- (b) Possessing a master plumber-restricted license-retiree.

Note: After the effective date of this chapter, [revisor inserts date], plumber-restricted licenses-retiree are no longer available to new applicants.

(2) APPLICATION FOR EXAMINATION. A person applying to take a master plumber-restricted service license examination or master plumber-restricted appliance license examination shall submit all of the following:

- (a) An application in accordance with s. ILHR 5.01.
- (b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) QUALIFICATIONS FOR EXAMINATION. (a) A person applying for a master plumber-restricted service license examination shall have at least 1,000 hours of experience per year for at least 2 consecutive years as a licensed journeyman plumber-restricted service.

(b) A person applying for a master plumber-restricted appliance license examination shall have of at least 1,000 hours of experience per year for at least 2 consecutive years as a licensed journeyman plumber-restricted appliance.

(4) EXAMINATION. Except as provide in sub. (1) (b), a person seeking to obtain a master plumber-restricted service or a master plumber-restricted appliance license shall take and pass an examination in accordance with s. ILHR 5.09.

(5) APPLICATION FOR CREDENTIAL. (a) Upon notification of the successful passage of the examination for a master plumber-restricted service or master plumber-restricted appliance license, a person may obtain the license by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(b) A person may apply for a credential as a licensed master plumber-restricted service or a licensed master plumber-restricted appliance by submitting:

1. An application, application fee and a credential fee in accordance with ss. ILHR 5.01 and 5.02, Table 5.02, and

2. Evidence of possessing the appropriate master plumber-restricted license-retiree.



(6) RESPONSIBILITIES. A person who, as a licensed master plumber-restricted service or licensed master plumber-restricted appliance, is responsible for an installation or modification of plumbing shall utilize the appropriate credentialed persons to install or modify plumbing.

(7) EXCHANGES. (a) A person who holds a master plumber-restricted service license or master plumber-restricted appliance license may, upon application to the department, exchange his or her master plumber license, for the appropriate journeyman plumber-restricted license.

(b) A person who has exchanged his or her master plumber-restricted license for a journeyman plumber-restricted license may, upon application to the department, exchange his or her journeyman plumber-restricted license for the appropriate master plumber license provided:

1. The person holds a valid journeyman plumber-restricted license;
2. The person submits with the application a copy of his or her former master plumber-restricted license; and
3. The credential fee for a master plumber-restricted license specified in s. ILHR 5.02, Table 5.02 is submitted.

(8) RENEWAL. (a) 1. A person may renew his or her license as a master plumber-restricted service or master plumber-restricted appliance.

2. A master plumber-restricted service license and a master plumber-restricted appliance license shall be renewed in accordance with s. ILHR 5.07.

(b) 1. The renewal of a credential as a licensed a master plumber-restricted service or master plumber-restricted appliance shall be contingent upon the plumber obtaining at least 6 hours of acceptable continuing education within the time period specified in s. ILHR 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a credential as a licensed a master plumber-restricted service or master plumber-restricted appliance may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

**ILHR 5.93 JOURNEYMAN PLUMBERS (1) GENERAL.** (a) The plumbing activities that may be undertaken by a person who holds a credential as a licensed journeyman plumber shall be performed under the general supervision of a person who holds a master plumber license, master plumber-restricted license, or utility contractor license.

Note: A journeyman plumber who is working under the general supervision of a licensed master plumber-restricted or licensed utility contractor is limited to type of plumbing installations associated with the specific license of the person providing the supervision.

(b) A person may obtain a credential as a licensed journeyman plumber by either:

1. Taking and passing the journeyman plumber license examination; or
2. Possessing a journeyman plumber license-retiree.

Note: After the effective date of this chapter, [revisor inserts date], plumber licenses-retiree are no longer available to new applicants.

(2) APPLICATION FOR EXAMINATION. A person applying to take a journeyman plumber license examination shall submit all of the following:

- (a) An application in accordance with s. ILHR 5.01.
- (b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) QUALIFICATIONS FOR EXAMINATION. A person applying for a journeyman plumber license examination shall have completed a plumbing apprenticeship program recognized under ch. 106, Stats.

(4) EXAMINATION. Except as provide in sub. (1) (b), a person seeking to obtain a journeyman plumber license shall take and pass an examination in accordance with s. ILHR 5.09.

(5) APPLICATION FOR CREDENTIAL. (a) Upon notification of the successful passage of the examination for a journeyman plumber license, a person may obtain the license by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(b) A person may apply for a credential as a licensed journeyman plumber by submitting:

1. An application, application fee and a credential fee in accordance with ss. ILHR 5.01 and 5.02, Table 5.02; and
2. Evidence of possessing a journeyman plumber license-retiree.

(6) RENEWAL. (a) 1. A person may renew his or her license as a journeyman plumber.

2. A journeyman license shall be renewed in accordance with s. ILHR 5.07.

(b) 1. The renewal of a license as a journeyman plumber shall be contingent upon the journeyman plumber obtaining at least 12 hours of acceptable continuing education within the time period specified in s. ILHR 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a license as a journeyman plumber may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

ILHR 5.94 JOURNEYMAN PLUMBERS-RESTRICTED. (1) GENERAL. (a) 1. The plumbing activities as delineated under s. ILHR 5.90 (1) (b) that may be undertaken by a person who holds a credential as a licensed journeyman plumber-restricted service shall be performed under the general supervision of a person who is a licensed master plumber or a licensed master plumber-restricted service

2. The plumbing activities as delineated under s. ILHR 5.09 (1) (c) that may be undertaken by a person who holds a credential as a licensed journeyman plumber-restricted appliance shall be performed under the general supervision of a person who is a licensed master plumber or a licensed master plumber-restricted appliance.

(b) A person may obtain a credential as a licensed journeyman plumber-restricted by either:

1. Taking and passing the journeyman plumber-restricted license examination; or
2. Possessing a journeyman plumber-restricted license-retiree.

Note: After the effective date of this chapter, [revisor inserts date], plumber-restricted licenses-retiree are no longer available to new applicants.

(2) APPLICATION FOR EXAMINATION. A person applying to take a journeyman plumber-restricted service license examination or journeyman plumber-restricted appliance license examination shall submit all of the following:

- (a) An application in accordance with s. ILHR 5.01.
- (b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) QUALIFICATIONS FOR EXAMINATION. (a) A person applying for journeyman plumber-restricted service license examination shall have:

1. At least 1,000 hours of experience as a registered learner-restricted service; and
2. Completed at least the following educational course work:
  - a. Plumbing code, chs. ILHR 82 to 87 - 40 hours of credit;
  - b. Blueprint or blueline reading - 20 hours of credit;
  - c. Transit or builder's level - 10 hours of credit.

- d. Construction related mathematics - 20 hours of credit; and
- e. First aid and safety - 10 hours of credit.

(b) A person applying for journeyman plumber-restricted appliance license examination shall have:

- 1. At least 1,000 hours of experience as a registered learner-restricted appliance; and
- 2. Completed at least the following educational course work:
  - a. Plumbing code, chs. ILHR 82 to 87 - 40 hours of credit;
  - b. Blueprint or blueline reading - 20 hours of credit;
  - c. Plumbing related mathematics - 10 hours of credit; and
  - d. Appliance and equipment servicing - 30 hours of credit.

(4) EXAMINATION. Except as provide in sub. (1) (b), a person seeking to obtain a journeyman plumber-restricted service license or a journeyman plumber-restricted appliance license shall take and pass an examination in accordance with s. ILHR 5.09.

(5) APPLICATION FOR CREDENTIAL. (a) Upon notification of the successful passage of the examination for a journeyman plumber-restricted license, a person may obtain the license by submitting an application and the credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(b) A person may apply for a credential as a licensed journeyman plumber-restricted service or a licensed journeyman plumber-restricted appliance by submitting:

- 1. An application, application fee and a credential fee in accordance with ss. ILHR 5.01 and 5.02. Table 5.02; and
- 2. Evidence of possessing the appropriate journeyman plumber-restricted license-retiree.

(6) RENEWAL. (a) 1. A person may renew his or her license as a journeyman plumber-restricted service or a journeyman plumber-restricted appliance.

2. A journeyman plumber-restricted service license and a journeyman plumber-restricted appliance license shall be renewed in accordance with s. ILHR 5.07.

(b) 1. The renewal of a license as a journeyman plumber-restricted service or a journeyman plumber-restricted appliance shall be contingent upon the journeyman plumber obtaining at least 6 hours of acceptable continuing education within the time period specified in s. ILHR 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a license as a journeyman plumber-restricted service or a journeyman plumber-restricted appliance may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

ILHR 5.95 PLUMBING APPRENTICES. (1) GENERAL. A person who holds a credential as a registered plumbing apprentice may install or modify plumbing under the general supervision of a person who is a licensed master plumber.

(2) APPLICATION FOR CREDENTIAL. A person applying for a plumbing apprentice registration to install plumbing shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and a credential fee in accordance with s. ILHR 5.02, Table 5.02.

(3) QUALIFICATIONS. A person applying for plumbing apprentice registration to install plumbing shall be indentured in a plumbing apprenticeship recognized under ch. 106.

(4) RESPONSIBILITIES. A person who installs or modifies plumbing as a registered plumbing apprentice may do so if he or she is indentured under ch. 106, Stats.

(5) RENEWAL. (a) 1. A person may renew his or her registration as a plumbing apprentice.

2. A plumbing apprentice registration to install plumbing shall be renewed in accordance with s. ILHR 5.07.

(b) The renewal of a registration as a plumbing apprentice is contingent upon the person submitting evidence that the person is indentured in a plumbing apprenticeship under ch. 106, Stats.

ILHR 5.96 PLUMBING LEARNERS. (1) GENERAL. (a) The plumbing activities that may be undertaken by a person who holds a credential as a registered learner-restricted service shall be performed under the direct supervision of a person who holds a master plumber license, a master plumber-restricted service license, a journeyman plumber license or a journeyman plumber-restricted service license.

(b) The plumbing activities that may be undertaken by a person who holds a credential as a registered learner-restricted appliance shall be performed under the direct supervision of a person who holds a master plumber license, a master plumber-restricted appliance license, a journeyman plumber license or a journeyman plumber-restricted appliance license.

(2) APPLICATION FOR CREDENTIAL. A person applying for a plumbing learner-restricted service registration or plumbing learner-restricted appliance registration shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and credential fee in accordance with s. ILHR 5.02, Table 5.02.

(3) **QUALIFICATIONS FOR CREDENTIAL.** A person applying for a plumbing learner-restricted service registration or plumbing learner-restricted appliance registration to install or modify plumbing shall be at least 16 years old and shall have completed the 12th grade in school or its equivalent.

**ILHR 5.97 UTILITY CONTRACTORS.** (1) **GENERAL.** A person who holds a credential as a licensed utility contractor may install or modify water services, private water mains, sanitary building sewers, storm building sewers, or private interceptor main sewers.

(2) **APPLICATION FOR EXAMINATION.** A person applying to take an utility contractor license examination shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and examination fee in accordance with s. ILHR 5.02, Table 5.02.

(3) **QUALIFICATIONS FOR EXAMINATION.** The person applying for an utility contractor license examination shall be at least 18 years old.

(4) **EXAMINATION.** A person seeking to obtain an utility contractor license shall take and pass an examination in accordance with s. ILHR 5.09.

(5) **APPLICATION FOR CREDENTIAL.** Upon notification of the successful passage of the examination for a utility contractor license, a person may obtain the license by submitting an application and a credential fee in accordance with ss. ILHR 5.01 and 5.09 (7) (c).

(6) **RESPONSIBILITIES.** A person who, as a licensed utility contractor, installs or modifies water services, private water mains, sanitary building sewers, storm building sewers, or private interceptor main sewers shall utilize the appropriate credentialed persons to install or modify the plumbing.

(7) **RENEWAL.** (a) A person may renew his or her license as a utility contractor.

(b) An utility contractor license shall be renewed in accordance with s. ILHR 5.07.

**ILHR 5.98 PIPE LAYERS.** (1) **GENERAL.** Pursuant to s. 145.07 (11), Stats., a person who holds a credential as a registered pipe layer may install or modify water services, private water mains, sanitary building sewers, storm building sewers, or private interceptor main sewers under the general supervision of a licensed utility contractor, licensed master plumber, or a licensed master plumber-restricted service.

(2) **APPLICATION FOR CREDENTIAL.** A person applying for a pipe layer registration to install plumbing shall submit all of the following:

(a) An application fee and a credential fee in accordance with s. ILHR 5.01.

(b) A credential fee in accordance with s. ILHR 5.02, Table 5.02.

(3) **QUALIFICATIONS FOR CREDENTIAL.** A person applying for a pipe layer registration to install plumbing shall be at least 18 years old.

(4) **RENEWAL.** (a) A person may renew his or her registration as a pipe layer.

(b) A pipe layer registration shall be renewed in accordance with s. ILHR 5.07.

**ILHR 5.99 CROSS CONNECTION CONTROL TESTERS.** (1) **GENERAL.** Pursuant to s. 145.06 (3m), Stats., no person may conduct a performance test of a cross connection control device as required by s. ILHR 82.21 (3) unless the person holds a credential issued by the department as a registered cross connection control tester.

(2) **APPLICATION FOR CREDENTIAL.** A person applying for a cross connection control tester registration shall submit all of the following:

(a) An application in accordance with s. ILHR 5.01.

(b) An application fee and a credential fee in accordance with s. ILHR 5.02, Table 5.02.

(3) **QUALIFICATIONS FOR CREDENTIAL.** A person applying for a cross connection control device tester registration shall have completed at least 32 hours in an approved course or courses in the theory of cross connection control, the operation, testing and maintenance of cross connection control devices, and the national standards for these cross connection control devices. The course or courses shall include instruction in at least:

(a) Reduced pressure principle backflow preventers;

(b) Reduced pressure detector assembly backflow preventers;

(c) Vacuum breakers - anti-siphon, pressure type;

(d) Double check detector assembly backflow preventers; and

(e) Double check backflow prevention assemblies.

(4) **RENEWAL.** (a) A person may renew his or her registration as a cross connection control tester

(b) A cross connection control tester registration shall be renewed in accordance with s. ILHR 5.07

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The first part of the report deals with the general situation of the country and the progress made in the various fields of activity. It is followed by a detailed analysis of the economic situation and the measures taken to improve it.

The second part of the report is devoted to the social and cultural aspects of development. It discusses the state of the education system, the health services, and the cultural activities. It also mentions the progress made in the field of human rights.

The third part of the report deals with the environment and the measures taken to protect it. It mentions the state of the forests, the water resources, and the air quality. It also discusses the measures taken to combat pollution and to promote sustainable development.

The fourth part of the report is devoted to the foreign relations of the country. It discusses the country's participation in international organizations and forums, and its relations with neighboring countries and major powers.

The fifth part of the report deals with the progress made in the field of science and technology. It mentions the state of the research and development activities, and the measures taken to promote the use of science and technology in the various fields of activity.

The sixth part of the report is devoted to the progress made in the field of sports and physical education. It mentions the state of the sports facilities, and the measures taken to promote physical education and sports among the population.

The seventh part of the report deals with the progress made in the field of tourism. It mentions the state of the tourism industry, and the measures taken to promote tourism and to improve the services provided to tourists.



## Chapter ILHR 5 APPENDIX

This appendix contains materials of an advisory nature and provides additional information that is intended to help the reader understand the requirements or processes delineated in this chapter. The paragraph numbers correspond to the sections, subsections, paragraphs, subdivisions and subparagraphs of the chapter, and therefore, may not be consecutively numbered.

A5.003 (28) and (31), journeyman plumber-restricted and master plumber-restricted. Section 145.14, Stats., reads as follows:

145.14 PLUMBERS LICENSE (RESTRICTED). (1) LIMITATIONS. (a) Persons licensed as master plumbers (restricted), journeyman plumbers (restricted) or registered learners shall be classified by the department under sub. (2) and shall be restricted to the type of work for which they have been classified and to the requirements indicated in this section.

(b) Persons licensed as journeyman plumbers (restricted) or registered learners shall work under the supervision of a master plumber or a master plumber (restricted). A master plumber (restricted) may also work as a journeyman plumber (restricted). No journeyman plumber (restricted) or registered learner shall contract for work, advertise or do anything which would lead others to believe him to be qualified as a master plumber (restricted) in his classification.

(c) All persons licensed as master plumbers (restricted), journeyman plumbers (restricted) or registered learners shall be subject to all laws and rules governing plumbers. If qualified, persons may be licensed under any number of classifications under sub. (2). Separate licenses shall be issued under sub. (2) (a) and (b), but licenses issued under sub. (2) (b) may extend to any number of items under that paragraph.

(2) CLASSIFICATIONS. The classifications which the department shall use are a sewer services classification and an "appliances, equipment and devices" classification. Persons so classified may engage in the following types of work:

(a) Sewer services. Persons classified under this paragraph may install septic tanks for private sewage disposal systems, drain fields designed to serve such septic tanks, and the sewer service from the septic tank or sewer extensions from mains to the immediate inside or proposed inside foundation wall of the building.

(b) Appliances, equipment or devices. Under this paragraph persons installing water softeners, water heaters or other items in connection with the water supply or water distribution systems which do not require a direct connection to the waste or drain piping systems are limited to making connection to existing installations. There shall be no drilling, tapping or direct connection made to any waste or drain pipe to serve items installed under this section. The maximum length of water piping permitted to be installed under this section shall be the maximum required to connect the item to the system.

A5.03 Petitions for Variance. Under chapter ILHR 3 the department considers and may grant a petition for variance upon receipt of a fee and completed petition for variance form, provided an equivalency is established in the petition which meets the intent of the rule being petitioned. In granting a petition for variance the department may impose specific conditions to promote the protection of the health, safety and welfare of the public or employes. A violation of any condition imposed by the department under which the variance is granted shall be considered a violation of the chapter. As indicated in ch. ILHR 3, the department will review and make a determination on a petition within 30 business days of receipt of information, documents and fees required to complete the review, except for priority petitions. The department will process priority petitions for variance within 10 business days of receipt of the required information, documents and fees. The fees for priority petitions for variance are double the amounts for petitions processed within the standard processing time of 15 business days.

#### A5.12 Penalties.

Section 101.02 (12), Stats. states that every day during which any person fails to observe and comply with any order of the department or to perform any duty enjoined by ss. 101.01 to 101.25, shall constitute a separate and distinct violation of the order or the statute.

Section 101.02 (13) (a), Stats., states that if any person violates ss. 101.01 to 101.25, or fails or refuses to perform any duty lawfully enjoined, within the time prescribed by the department, for which no penalty has been specifically provided, or fails, neglects or refuses to obey any lawful order given or made by the department, for each such violation, such person shall forfeit and pay into the state treasury a sum not less than \$10 nor more than \$100 for each such offense.

Section 145.12. Stats., states:

(1) Any person who engages in or follows the business or occupation of, or advertises or holds himself or herself out as or acts temporarily or otherwise as a master plumber, as an automatic fire sprinkler contractor or as a business establishment holding an automatic fire sprinkler-maintenance only registration certificate, or who otherwise violates any provisions of this chapter, shall be fined not less than \$100 nor more than \$500 or imprisoned for 30 days or both. Each day such violation continues shall be a separate offense.

(2) Any person violating this chapter or failing to obey a lawful order of the department, or a judgment or decree of a court in connection with this chapter, may be imprisoned for not more than 3 months or fined not more than \$500.

(3) Any master plumber who shall employ an apprentice on plumbing representing him to be a journeyman, or who shall charge for an apprentice a journeyman's wage, shall be punished by a fine of not more than twenty-five dollars, or by imprisonment in the county jail for not more than thirty days. Each day of violation shall be a separate offense.

(4) Any person who violates any order under s. 145.02 (3) (f) or 145.20 (2) (f) or any rule or standard adopted under s. 145.13 shall forfeit not less than \$10 nor more than \$1,000 for each violation. Each violation of an order under s. 145.02 (3) (f) or 145.20 (2) (f) or a rule or standard under s. 145.13 constitutes a separate offense and each day of continued violation is a separate offense.

#### A5.31 Dwelling contractor financial responsibility certification.

Section 101.654 (2), Stats., requires the applicant for a dwelling contractor financial responsibility certification to provide proof of all of the following:

(a) That the applicant has in force one of the following:

1. A bond endorsed by a surety company authorized to do business in this state of not less than \$25,000, conditioned upon the applicant complying with all applicable provisions of the one- and two-family dwelling code and any ordinance enacted under s. 101.65 (1) (a) and as indemnity for any loss sustained by any person because of any violation by the applicant of that dwelling code or ordinance.

2. A policy of general liability insurance issued by an insurer authorized to do business in this state insuring the applicant in the amount of at least \$250,000 per occurrence because of bodily injury or death of others or because of damage to the property of others.

(b) If the applicant is required under s. 102.28 (2) (a) to have in force a policy of worker's compensation insurance or if the applicant is self-insured in accordance with s. 102.28 (2) (b), that the applicant has in force a policy of worker's compensation insurance issued by an insurer authorized to do business in this state or is self-insured in accordance with s. 102.28 (2) (b).

(c) If the applicant is required to make state unemployment compensation contributions under ch. 108 or is required to pay federal unemployment compensation taxes under 26 USC 3301 to 3311, that the applicant is making those contributions or paying those taxes as required.

#### A5.41 Electrical contractor. Section 101.87 (2) and (4) of the statutes reads:

101.87 (2) Any municipality which by ordinance requires the licensure of electrical contractors shall issue a license to any electrical contractor who wishes to perform electrical construction work in the municipality upon the submission by the electrical contractor of evidence that at least one of his or her full-time employees has been certified by the state as a master electrician under sub. (1), and upon the payment of the municipality's licensure fee and the posting of any required bond. The municipality's licensure fee may not exceed the amount required to cover the administrative costs of issuing the license.

101.87 (4) No municipality may, before January 1, 1995, require the licensure of electrical contractors unless that municipality requires that licensure on May 11, 1990.

A5.43 Restricted master electrician. Section 101.87 (3) of the statutes reads:

101.87 (3) If a municipality that requires the licensure of electrical contractors on March 28, 1994, thereafter ceases to require such licensure but requires state certification under sub. (1), a person licensed by the municipality may continue to perform electrical construction work in that municipality upon application to the department for restricted certification limited to that municipality. The department may charge a fee for such certification.

A5.70 (4) HVAC contractor - responsibilities. Section 101.177 (2) of the statutes reads:

101.177 (2) No person, including a state agency, as defined in s. 234.75 (10), may install or service a piece of refrigeration equipment that contains ozone-depleting refrigerant unless the person certifies all of the following to the department:

(a) That the person does not use ozone-depleting refrigerant for cleaning purposes, including to clean the interior or exterior surfaces of refrigeration equipment.

(b) That the person transfers the ozone-depleting refrigerant from refrigeration equipment to storage containers using equipment that is approved by the department whenever the person removes ozone-depleting refrigerant from refrigeration equipment.

(c) The individuals who use the equipment to transfer ozone-depleting refrigerant under par. (b) have the qualifications established under sub. (4) (a) 2.

(d) That the person does not knowingly or negligently release ozone-depleting refrigerant to the environment, except for minimal releases that occur as a result of efforts to recover, reclaim or recycle ozone-depleting refrigerant removed from refrigeration equipment.

(e) That the person inspects and, if necessary, repairs refrigeration equipment that leaks, or is suspected of leading, before putting additional ozone-depleting refrigerant removed from refrigeration equipment.

(g) That, for the purposes of determining whether repairs are necessary under par. (e), the person uses a yearly leak rate identified by the federal environmental protection agency.

SECTION 17. ILHR 7.01 Note is created to read:

ILHR 7.01 Note: The rules pertaining to the licensing of blasters are contained in chapter ILHR 5, section ILHR 5.20.

SECTION 18. ILHR 7.06 is amended to read:

ILHR 7.06 FEES. Fees for ~~the registration of blasters~~, safety inspections and petitions for variance shall be submitted as specified in ch. ILHR 2.

SECTION 19. ILHR 7.11 is repealed.

SECTION 20. ILHR 9.02 (2) Note is created to read:

ILHR 9.02 (2) Note: See chapter ILHR 5, section ILHR 5.21 pertaining to the licensing of fireworks manufacturers.

SECTION 21. ILHR 9.04 is repealed and recreated to read:

ILHR 9.04 LICENSING OF MANUFACTURERS. (1) No person may manufacturer fireworks unless that persons holds a license issued by the department in accordance with ch. ILHR 5.

(2) A fireworks manufacturer license shall be posted at each plant where fireworks are to be manufactured.

SECTION 22. ILHR 10.002 Note 4 is created to read:

Note 4: See chapter ILHR 5 for rules pertaining to the credentials required relative to tank systems.

SECTION 23. ILHR 10.01 (14) is repealed.

SECTION 24. ILHR 10.01 (18) is repealed and recreated to read:

ILHR 10.01 (18) "Certified remover-cleaner means a person certified by the department to remover storage tank systems and to remove accumulated sludges and remaining product from tanks which are to be closed, undergo a change-in-service, or otherwise completely emptied and inerted.

SECTION 25. ILHR 10.01 (46), (53) and (56) are repealed.

SECTION 26. Chapter ILHR 10 subchapter IX is repealed.

SECTION 27. ILHR 11.01 (1h) is repealed and recreated to read:

ILHR 11.01 (1h) "Certified inspector" means an individual who holds a valid credential issued by the department as a certified boiler-pressure vessel inspector.

SECTION 28. ILHR 11.36 (3) is amended to read:

ILHR 11.36 (3) OTHER REQUIREMENTS. An inspection of the pressure vessel has been performed at its new location by ~~an authorized~~ a certified inspector.

SECTION 29. Chapter ILHR 17 (title) is amended to read:

Chapter ILHR 17 ELECTRICAL INSPECTION AND CERTIFICATION

SECTION 30. ILHR 17.04 is amended to read:

ILHR 17.04 FEES. Fees for petitions for variance, and electrical inspections and certifications issued under this chapter shall be submitted as specified in ch. ILHR 2.

SECTION 31. ILHR 17.05 (5) and (6) are amended to read:

ILHR 17.05 (5) "Certified inspection" means an inspection performed by a certified inspector ~~or certified independent inspection agency~~ to ensure compliance with the Electrical Code, Volume 2, ch. ILHR 16.

(6) "Certified inspector" means a certified commercial inspector ~~or a certified restricted commercial electrical inspector.~~

SECTION 32. ILHR 17.05 (27) and (28) are repealed.

SECTION 33. ILHR 17.13 (2) (a) 5 and 6 and (c) are amended to read:

ILHR 17.13 (2) (a) 5. The municipality employs or contracts with certified inspectors or ~~certified~~ independent inspection agencies to perform electrical inspection functions;

6. The municipality provides the department with the names of its certified inspectors or ~~certified~~ independent inspection agencies, and new inspectors or agencies employed or contracted by the municipality; and

(c) Municipal contracts. A municipality may contract with a certified inspector, ~~certified~~ independent inspection agency or the department for those inspection services which the municipality does not perform under par. (a) or (b).

SECTION 34. ILHR 17.14 (1) Note is created to read:

ILHR 17.14 (1) Note: Chapter ILHR 5, section ILHR 5.63 contains requirements pertaining to the certification of commercial electrical inspectors.

SECTION 35. Chapter 17, subchapters III to V are repealed.

SECTION 36. ILHR 18.13 is repealed.

SECTION 37. ILHR 20.06 (1) (a) 3 is amended to read:

ILHR 20.06 (1) (a) 3. Contract with certified UDC inspector or inspectors or independent inspection agency;

SECTION 38. ILHR 20.09 (5) (a) is amended to read:

ILHR 20.09 (5) (a) Plan approval. If the department, or the municipality administering and enforcing the code, determines that the plans, including the plans indicating the erosion control procedures as specified in sub. (4), submitted for a one- or 2-family dwelling substantially conform to the provisions of this code and other legal requirements, an approval shall be issued. The plans shall be stamped "conditionally approved" by a certified inspector ~~or certified independent inspection agency~~. One copy shall be returned to the applicant; one copy shall be retained by the department or the municipality administering and enforcing the code. The conditions of approval shall be indicated by a letter or on the permit. All conditions of the approval shall be met during construction.

SECTION 39. ILHR 20.09 (5) (b) 1 is repealed and recreated to read:

ILHR 20.09 (5) (b) 1. 'Uniform building permit'. a. The Wisconsin uniform building permit shall be issued if the requirements for filing and fees are satisfied and the plans have been conditionally approved.

b. Pursuant to s. 101.65 (1m), Stats., a Wisconsin uniform building permit may not be issued to a person unless the person holds a credential issued by the department as a dwelling contractor financial responsibility registration under s. ILHR 5.31, except as provided under s. 101.654 (1) (b), Stats.

Note: Section 101.654 (1) (b), Stats., exempts an owner of a dwelling who resides or will reside in the dwelling and who applies for a building permit to perform work on the dwelling from obtaining a dwelling contractor financial responsibility registration.

SECTION 40. ILHR 20.10 (intro.) is amended to read:

ILHR 20.10 INSPECTIONS. All inspections, for the purpose of administering and enforcing this code, shall be performed by a certified inspector ~~or certified independent inspection agency.~~

SECTION 41. ILHR 20.14 (2) (a) 1 b and (b) 1 b are amended to read:

ILHR 20.14 (2) (a) 1. b. At least one complete set of building, structural, mechanical and electrical plans, (including elevations, sections and details), specifications and calculations shall be submitted to the department on behalf of a manufacturer ~~by an independent inspection/evaluation agency certified under s. ILHR 26.14.~~ All plans and specifications submitted to the department shall be stamped "conditionally approved" by ~~the independent inspection/evaluation agency~~ a UDC certified inspector or inspectors.

(b) 1. b. At least one complete set of plans and specifications for manufactured dwelling building components shall be submitted to the department on behalf of the manufacturer ~~by an independent inspection/evaluation agency certified as required in s. ILHR 26.14.~~ All plans and specifications submitted to the department shall be stamped "conditionally approved" by ~~the independent inspection/evaluation agency~~ a UDC certified inspector or inspectors.

SECTION 42. ILHR 20.14 (5) is amended to read:

ILHR 20.14 (5) INSPECTIONS. Manufacturers shall contract with the department or an independent inspection agency to conduct in-plant inspections to assure that the building system and components manufactured are in compliance with the plans, specifications and the compliance assurance program approved by the department. All inspections, for the purpose of administering and enforcing this code, shall be performed by a certified UDC inspector or ~~inspectors~~ ~~certified independent inspection agency.~~



SECTION 43. ILHR 20.16 (1) is amended to read:

ILHR 20.16 (1) FILING OF COMPLAINT. Proceedings to suspend or revoke an approval shall be initiated by the department or an independent inspection agency or UDC certified inspector having a contract with the manufacturer whose approval is sought to be suspended or revoked. Initiation shall be by a signed, written complaint filed with the department. Any alleged violation of the code shall be set forth in the complaint with particular reference to time, place and circumstance.

SECTION 44. Chapter ILHR 26 is repealed.

SECTION 45. ILHR 27.20 is repealed.

SECTION 46. ILHR 34.04 (2) (b) and (c) are amended to read:

ILHR 34.04 (2) (b) Descriptive name, model and serial number of the amusement ride; and

(c) Route, including specific sites and dates on which the amusement ride will be operated in the state, If the route is incomplete or modified, the department shall be notified prior to operation on the adjusted route.

SECTION 47. ILHR 34.04 (2) (d) is repealed.

SECTION 48. Appendix A34.39-ILHR 53.53 (6) is repealed and recreated to read:

ILHR 53.53 (6) OPERATOR QUALIFICATIONS. (a) Except as provided in (b), all structural welding work shall be performed by persons registered in accordance with s. ILHR 5.34.

(b) A person who holds a valid credential as a certified welder that was issued by the department prior to the effective date of these rules, [revisor inserts date], may continue to perform structural welding until the expiration of his or her current certification.

SECTION 49. Appendix A34.39-ILHR 53.53 (7) is repealed.

SECTION 50. Appendix A34.39-ILHR 53.53 (8) is repealed and recreated to read:

ILHR 53.53 (8) WELD INDICATION. Each structurally significant member shall have its welding identified by a distinguishing mark stamped on the member by the registered welder or welders involved

SECTION 51. Appendix A34.39-ILHR 53.53 (10) and Note are repealed.

SECTION 52. ILHR 41.04 (4) is repealed.

SECTION 53. ILHR 41.04 (7) is repealed and recreated to read:

ILHR 41.04 (7) "Certified inspector" means a person who holds a valid credential issued by the department under ch. ILHR 5 as a certified boiler-pressure vessel inspector.

SECTION 54. ILHR 41.04 (17), (23) and (25) are repealed.

SECTION 55. ILHR 41.12 to 41.14 is repealed.

SECTION 56. ILHR 41.15 (1) (intro.) and (2) are amended to read:

ILHR 41.15 (1) ALL INSPECTIONS. The ~~authorized~~ certified inspectors of the department upon presenting appropriate credentials to the owner, operator or agent in charge, may:

(2) REPRESENTATION. The certified inspector, before making an inspection, shall contact the employer or employer's representative who shall be given an opportunity to accompany the inspector during the physical inspection of any workplace under sub. (1).

SECTION 57. ILHR 41.16 (1) (a) and (d), (2) (a) and (c) to (e) are amended to read:

ILHR 41.16 (1) (a) Except as provided in par. (b), boilers and pressure vessels shall be inspected by ~~an authorized~~ a certified inspector before they are placed in operation.

(d) Where the inspections specified in par. (a) are performed by ~~an authorized~~ a certified inspector other than a department inspector, the ~~authorized~~ certified inspector shall file an inspection report with the department and shall affix the Wisconsin registration number as required in s. ILHR 41.36. The inspection report shall be filed with department within 30 calendar days after completion of the boiler or pressure vessel installation. If the report is not filed within the 30-day period, the department shall perform the inspection.

(2) (a) Except as provided in par. (b), all power piping systems not covered by ASME code section I and required to be constructed in accordance with the ANSI standard for power piping as listed in Table 41.10, shall receive an initial inspection by ~~an authorized~~ a certified inspector ~~employed by the department or, if installed in a city of the first class, by the city. Documented inspections, including the initial inspection, made by authorized inspectors not employed by the department shall be acceptable to the department.~~

(c) The installer shall notify ~~the department, the city of the first class or the authorized~~ certified inspector ~~employed by an insurance company~~ prior to the start of construction of power piping system so that inspection may be arranged. The department or the city shall be given a minimum of 2 business days notice to arrange for inspection.

(d) A power piping inspection shall be made after the piping material is delivered to the job site and prior to the start of construction of the power piping system. The installer shall complete form SBD-5204 and retain it at the job site prior to the power piping inspection. The ~~authorized~~ certified inspector shall indicate acceptance of the power piping system design by signing form SBD-5204. Power piping systems may not be insulated or placed in service without receiving an inspection.

(e) Prefabricated piping that is part of a power piping system shall be inspected by ~~an authorized~~ a certified inspector at the fabrication shop. The shop fabricator shall provide a copy of the authorized inspector's report to the installer at the job site verifying that the prefabricated piping complies with the ANSI standard for power piping adopted under s. ILHR 41.10.

SECTION 58. ILHR 41.17 (1) (a) and (2) to (5) are amended to read:

ILHR 41.17 (1) (a) Except as provided in s. ILHR 41.18, power boilers and organic fluid heat transfer boilers shall be subjected to either a regular internal or external inspection at least once every 12 months by ~~an authorized~~ a certified inspector.

(2) INSPECTION OF PRESSURE VESSELS. Except as provided in s. ILHR 41.18, low pressure steam boilers and hot water heating boilers shall be subjected to a regular internal or external inspection at least once every 36 months by ~~an authorized~~ a certified inspector.

(3) INSPECTION OF LOW PRESSURE STEAM AND HOT WATER HEATING BOILERS. Except as provided in s. ILHR 41.18, low pressure steam boilers and hot water heating boilers shall be subjected to a regular internal or external inspection at least once every 36 months by ~~an authorized~~ a certified inspector.

(4) INSPECTION OF SAFETY VALVES AND SAFETY RELIEF VALVES. The ~~authorized~~ certified inspectors shall satisfy themselves that safety valves and safety relief valves have been operated at least once every 12 months.

(5) EXTENSION OF PERIOD BETWEEN INSPECTIONS. If operating conditions require, an extension of periods not to exceed 6 months between inspections of boilers, pressure vessels, safety valves and safety relief valves may be approved by the department upon a written request from the owner or user for an extension. ~~The authorized inspection agency shall concur with the owner's or user's request for extension by letter to the department.~~

SECTION 59. ILHR 41.19 (1) and (3) are amended to read:

ILHR 41.19 (1) GENERAL REQUIREMENTS. The owner or user of a boiler or a pressure vessel subject to inspection shall prepare the vessel for internal inspection after due notice from the certified inspector. To prepare a vessel for an internal inspection all manhole plates, all wash-out plugs, and a sufficient number of handhole plates to permit a satisfactory inspection shall be removed. The shell and heads shall be thoroughly cleaned and exposed when so requested. Each steam boiler shall be thoroughly drained of water and all fire side surfaces cleaned before an internal inspection is made.

(3) RIGHT TO REFUSE ENTRY. The ~~authorized~~ certified inspector shall have the right to refuse to enter a boiler or pressure vessel if in the inspector's judgment it is unsafe to do so.

SECTION 60. ILHR 41.20 to 41.22 is repealed.

SECTION 61. ILHR 41.36 (2) is amended to read:

ILHR 41.36 (2) REGISTRATION NUMBER. Boilers and pressure vessels subject to periodic inspections shall be identified by a registration number supplied by the department. The registration number shall be affixed to the vessel by ~~an authorized~~ a certified inspector at a location which can be easily viewed.

SECTION 62. ILHR 41.37 (2) is amended to read:

ILHR 41.37 (2) SAFE CONDITIONS. The certified inspector shall note conditions during internal inspection, external inspection, or hydrostatic pressure test and shall order changes or repairs which will place the boiler or pressure in a safe working condition.

SECTION 63. ILHR 41.39 (1) is amended to read:

ILHR 41.39 (1) AUTHORITY. Only the department may condemn a boiler or pressure vessel. Any boiler or pressure vessel declared by ~~an authorized~~ a certified inspector to be unsafe and beyond repair shall be referred to the department for condemnation proceedings.

SECTION 64. ILHR 41.55 (2) and (4) are amended to read:

ILHR 41.55 (2) STATEMENT OF INSPECTION SERVICE CONTRACT. The owner or user shall file a statement with the department indicating possession of an arrangement with ~~an authorized inspection agency~~ a certified inspector to provide inspection services under section XI of the ASME code. The statement shall include the name and address of the current authorized inspection agency.

(4) FREQUENCY OF INSPECTION. Pressure vessels located within a nuclear containment may be inspected as part of the in-service inspection. The vessels shall be inspected at least once every 36 months. If operating conditions require, longer periods not to exceed 3 months between inspections may be approved by the department upon receipt of a written request for an extension. ~~The authorized inspection agency shall concur with the owner's request for extension by letter to the department.~~

SECTION 65. ILHR 42.01 (1) and (2) are amended to read:

ILHR 42.01 (1) ACCEPTABLE METHODS. Welded repairs or alterations to any boiler or pressure vessel or their fittings, settings, or appurtenances shall be completed in accordance with the requirements of ss. ILHR 42.01 to 42.20. Other methods may be acceptable provided they are approved by the department. In the absence of specific rules, the rules for new construction shall apply. Except as provided in s. ILHR 42.02 (1), no welded repair or alteration may be made without the prior approval of ~~an authorized~~ a certified inspector who shall, if it is considered necessary, inspect the object before granting an approval.

(2) ACCEPTANCE OF REPAIRS AND ALTERATIONS. Repairs or alterations shall be acceptable to the ~~authorized inspection agency~~ certified inspector responsible for the inservice inspection of the boiler or pressure vessel. It shall be the responsibility of the organization making the repair or the alteration to provide for inspection, documentation and certification of the work and to ensure prior acceptance of the procedures for the work by the ~~inspection agency~~ inspector responsible for inservice inspection of the boiler or pressure vessel.

SECTION 66. ILHR 42.02 (1) is amended to read:

ILHR 42.02 (1) AUTHORIZATION. ~~Repairs~~ Except as provided in sub (1)(m), repairs to boilers and pressure vessels shall be performed by an organization in possession of a valid National Board repair "R" certificate of authorization, a valid ASME certificate of authorization containing provisions for welded repairs or a ~~valid weld repair program which has been reviewed and verified by the department or an authorized inspection agency~~ boiler repairer registration from the department. The repair organization shall have a documented quality control program containing a description of the scope of work they intend to perform with supporting welding procedures and qualification reports in accordance with ASME Code Section IX. Welded repairs of a routine nature as specified in the scope of the repair organization's quality control program may be performed without prior approval of the ~~authorized~~ certified inspector.

SECTION 67. ILHR 42.02 (1m) is created to read:

ILHR 42.02 (1m) EXCEPTION. A person or entity that holds a valid authorization issued by the department to perform boiler or pressure vessel repairs may continue to repair boilers or pressure vessel until one year after the effective date of these rules.

SECTION 68. ILHR 42.02 (1) Note 2 is repealed.

SECTION 69. ILHR 42.03 (4) is amended to read:

ILHR 42.03 (4) TEST. A pressure test shall be applied after the alteration has been completed, at a pressure of at least the operating pressure, but not to exceed 150% of the maximum allowable working pressure. In lieu of a pressure test, if approved by the ~~authorized~~ certified inspector, radiographic testing or ultrasonic testing may be utilized.

SECTION 70. ILHR 42.04 (1) and (2) (intro.) are amended to read:

ILHR 42.04 (1) GENERAL. Except as provided in sub. (2), anyone making welded repairs or alterations in accordance with these rules shall furnish the department with a report of every welded repair or alteration. The report shall be signed by the ~~authorized~~ certified inspector who inspected or approved the repair or alteration. The owner of the equipment shall retain a copy of the report for review by an ~~authorized~~ a certified inspector. The report shall contain the information indicated on department form SB-190 or National Board Form R-1. Form SB-190 shall be filed by organizations who do not possess an ASME certificate of authorization or a National Board R certificate.

(2) EXEMPTIONS. The following items require the prior approval of the ~~authorized~~ certified inspector but are exempt only from the reporting requirements of sub. (1):

SECTION 71. ILHR 42.05 is amended to read:

ILHR 42.05 HYDROSTATIC AND NONDESTRUCTIVE TESTS. If, in the opinion of the ~~authorized~~ certified inspector, a hydrostatic test is necessary, the test shall be applied at a pressure of at least the operating pressure, but not to exceed 150% of the maximum allowable working pressure. In lieu of a hydrostatic test, if approved by the ~~authorized~~ certified inspector, radiographic testing, ultrasonic testing, or other applicable nondestructive testing of the repair may be utilized. All tests shall be applied after the repair has been completed.

SECTION 72. ILHR 42.06 is amended to read:

ILHR 42.06 WELDING PROCEDURE SPECIFICATIONS. Anyone undertaking repairs or alterations shall have available at the job site a written welding procedure specification acceptable to the ~~authorized~~ certified inspector that shall be followed in making the necessary repair and also a record of procedure qualification tests. Welding procedure specifications shall have been prepared and qualified in accordance with the requirements of section IX of the ASME code.

SECTION 73. ILHR 42.07 (2) is amended to read:

ILHR 42.07 (2) WELDING TESTS. Preparation of welding procedure specifications and the conducting of tests of procedures and welders shall be the responsibility of the party undertaking repairs or alterations. Before repairs of alterations are started, the certified inspector shall examine the written welding procedure and records of qualification tests to determine if procedures and welders have been properly qualified as required in section IX of the ASME code. Witnessing of the tests by the certified inspector is not mandatory, but the inspector shall have the right to call for and witness the making of test coupons by any welder at any time, and to observe the physical testing of the coupons.

SECTION 74. ILHR 42.08 (4) is amended to read:

ILHR 42.08 (4) CRACKS IN UNSTAYED FURNACES. Cracks of any length in unstayed boiler furnaces may be welded, provided the welds are thermally stress relieved in accordance with s. ILHR 42.16. Welds applied from one side only shall be subject to the approval of the ~~authorized~~ certified inspector. Field repair of cracks at the knuckle or the turn of the flange of the furnace opening are prohibited unless specifically approved by the department.

SECTION 75. ILHR 42.09 (1), (2) and (4) are amended to read:

ILHR 42.09 (1) SHELLS, DRUMS AND HEADERS. Wasted areas in stayed and unstayed shells, drums and headers may be built up by welding provided that in the judgment of the ~~authorized~~ certified inspector the strength of the structure will not be impaired. Where extensive weld build-up is employed, the authorized inspector may require an appropriate method of nondestructive examination for the complete surface of the repair. Wasted areas shall be built up by welding as specified in Figure 42.09-1 or by other equivalent methods.

(2) ACCESS OPENINGS. Wasted area around access openings may be built up by welding provided that in the judgment of the ~~authorized~~ certified inspector the strength of the structure will not be impaired, or they shall be repaired as specified in Figure 42.09-2 or by other equivalent methods. In boilers, the area to be repaired may not be closer than 2 inches from any knuckle.

(4) TUBES. Wasted areas on tubes may be repaired by welding provided that in the judgment of the ~~authorized~~ certified inspector the strength of the tube has not been impaired. Where deemed necessary, competent technical advice shall be obtained from the manufacturer or from another qualified source. This may be necessary when considering such items as size limitations of repaired areas, minimum tube thickness to be repaired, tube environment, location of the tube in the boiler and other similar conditions.

SECTION 76. ILHR 42.10 (2) is amended to read:

ILHR 42.10 (2) SEAL WELDING OF RIVETED JOINTS. Edges of butt straps or of plate laps and nozzles or connections attached by riveting may be restored to original dimensions by welding. Seal welding may not be used except with the special approval of the ~~authorized~~ certified inspector, and in no case where cracks are present in riveted areas. Seal welding shall be done as specified in Figure 42.10-2 or by other equivalent methods.

SECTION 77. ILHR 42.13 (3) is amended to read:

ILHR 42.13 (3) WELDED PARTS REQUIRING INSPECTION. Replacement parts which will be subject to internal or external pressure and that are fabricated by welding and which require shop inspection by an ~~authorized~~ a certified inspector, shall be fabricated by a manufacturer having an ASME certificate of authorization and the appropriate code symbol stamp. The item shall be inspected and stamped with the applicable code symbol and the word "PART". A completed manufacturer's partial data report shall be supplied by the manufacturer.

SECTION 78. ILHR 42.16 (1) Note, (2), (3) (b) 2 c and (5) are amended to read:

ILHR 42.16 (1) Note: Under certain conditions, postweld heat treatment as outlined in sub. (1) may be inadvisable or impractical. In these instances, any other method of postweld heat treatment or special welding method acceptable to the ~~authorized~~ certified inspector may be used. Examples of special welding methods for P1 and P3 materials are described in sub. (3). Where deemed necessary, competent technical advice should be obtained from the manufacturer of the object or from another qualified source.

(2) ALTERNATIVE METHODS. When methods other than postweld heat treatment are used, the ~~authorized~~ certified inspector shall be assured that the requirements of sub. (3) are met.

(3) (b) 2. c. When this method is used, it shall require the approval of the department. The ~~authorized~~ certified inspector shall assure that the method has been qualified in accordance with the guidelines of section IX of the ASME code.

(5) PEENING. In lieu of postweld heat treatment of carbon steels, peening or other methods acceptable to the ~~authorized~~ certified inspector may be used.



SECTION 79. ILHR 42.18 is amended to read:

ILHR 42.18 STAYS. Threaded stays may be replaced by welded-in stays provided that in the judgment of the ~~authorized~~ certified inspector the plate adjacent to the stay bolt has not been materially weakened by wasting away. All requirements of the ASME code governing weld-in stays shall be met, except that stress relieving other than thermal may be used as provided in s. ILHR 42.16.

SECTION 80. ILHR 42.19 is amended to read:

ILHR 42.19 ADDITIONAL ACCEPTABLE REPAIR METHODS. Repairs and repair methods not covered in this chapter may be used if acceptable to the ~~authorized~~ certified inspector. Additional methods illustrated in Figures 42.19-1 and 42.19-2 are acceptable if performed as specified in the figures.

SECTION 81. ILHR 42.25 (4) is amended to read:

ILHR 42.25 (4) PRESSURE TEST. The ~~authorized~~ certified inspector may require a pressure test, as specified in s. ILHR 42.05, after completion of a riveted repair.

SECTION 82. ILHR 42.30 (1) (a) and (d) are amended to read:

ILHR 42.30 (1) (a) Revised calculations verifying the suitability of the vessel for the new service conditions shall be requested from the original manufacturer and shall be made available to its ~~authorized inspection agency~~ certified inspector. Where these calculations cannot be obtained from its source, they shall be prepared by an organization in possession of a valid ASME certificate of authorization, provided the alterations are within the scope of the authorization, and they shall be made available to its ~~authorized inspection agency~~ certified inspector.

(d) The boiler or pressure vessel rerating shall be acceptable to the ~~authorized inspection agency~~ certified inspector performing the periodic inspections of the object under chs. ILHR 41 and 42.

SECTION 83. ILHR 42.31 (1), (3) and (4) are amended to read:

ILHR 42.31 (1) GENERAL REQUIREMENTS. Derating of a boiler or pressure vessel by decreasing the maximum allowable working pressure may be done only after the requirements of subs. (2) to (4) have been met. Derating may be initiated by the owner or the ~~authorized~~ certified inspector.

(3) NAMEPLATE ATTACHMENT. Attachment of the nameplate shall be witnessed by the ~~authorized~~ certified inspector.

(4) RI PORTS. The ~~authorized~~ certified inspector shall report the derating to the department.

SECTION 84. ILHR 42.35 (2) (a) and (b) are amended to read:

ILHR 42.35 (2) (a) ASME V, HV or UV code symbol stamp; or

(b) National Board VR stamp covering the work to be performed; ~~or.~~

SECTION 85. ILHR 42.35 (2) (c) is repealed.

SECTION 86. ILHR 42.35 (3) is amended to read:

ILHR 42.35 (3) AUTHORIZED ADJUSTMENTS. ~~The department may authorize properly~~ Properly trained and qualified employees of boiler or pressure vessel users to may make external adjustments to set pressure and blowdown to safety valves and safety relief valves owned by them provided the adjusted settings and capacities and the date of the adjustments are recorded on a metal tag secured to the seal wire. All external adjustments shall be resealed showing the identification of the organization making the adjustments.

SECTION 87. ILHR 42.45 (1) and (2) are amended to read:

ILHR 42.45 (1) HYDROSTATIC PRESSURE TEST. Every secondhand vessel shall be inspected and given a hydrostatic pressure test at one and one-half times the maximum allowable working pressure at its new point of installation location before it is placed in operation. The test shall be witnessed by ~~an authorized~~ a certified inspector.

(2) ALTERNATE TESTS. When the ~~authorized~~ certified inspector determines that a hydrostatic test at one and one-half times the maximum allowable working pressure is not possible or desirable, the ~~authorized~~ certified inspector may accept alternate means to determine if the vessel is safe for its intended use.

SECTION 88. ILHR 45.02 Note is created to read:

ILHR 45.02 Note: Chapter ILHR 5 contains requirements pertaining to the registration of persons engaged in the business of servicing refrigeration equipment or selling ozone depleting refrigerant and persons installing and servicing refrigeration equipment which may release an ozone-depleting refrigerant.

SECTION 89. ILHR 45.30, 45.31 and 45.34 are repealed.

SECTION 90. Chapter ILHR 48, Part IV, ss. ILHR 48.12 to 48.20 is repealed.

SECTION 91. ILHR 50.18 (2) is amended to read:

ILHR 50.18 (2) IN-PLANT. Manufacturers of multi-family dwellings shall contract with the department of an independent inspection agency to conduct in-plant inspections to assure that the manufactured multi-family dwellings are in compliance with the plans approved by the department. All inspections shall be performed by a certified commercial building inspector ~~or independent inspection agency.~~

SECTION 92. ILHR 50.21 (2) (e), (4), (5) (e) 1 a, (f) 1 and (g), and (6) (a) and (b) are amended to read:

ILHR 50.21 (2) (e) Employ certified commercial building inspectors to perform the plan examination and building inspection functions.

(4) CERTIFICATION OF INSPECTORS. Inspectors employed by agent municipalities and counties to administer and enforce chs. ILHR 50 to 64 under sub. (2) shall be certified by the department in accordance with ch. ILHR ~~26~~ 5 as certified commercial building inspectors.

(5) (e) 1. a. The plans shall be stamped "CONDITIONALLY APPROVED", signed and dated by a certified commercial building inspector.

(f) 1. The plans shall be stamped "NOT APPROVED", signed and dated by a certified commercial building inspector.

(g) A conditional approval of a plan by a municipality of county may not be construed as an assumption of any responsibility on the part of the municipality, the certified commercial building inspector or the department for the design or construction of the building.

(6) (a) All inspections, for the purpose of administration and enforcement of chs. ILHR 50 to 64, shall be performed by a certified commercial building inspector.

(b) A written report of each inspection shall be prepared. The report shall include the name of the certified commercial building inspector.

SECTION 93. ILHR 51.01 (16a) and (71p) are repealed and recreated to read:

ILHR 51.01 (16a) "Certified commercial building inspector" means a person who holds a credential issued by the department under ch. ILHR 5 as a certified commercial building inspector.

(71p) "Independent inspection agency" means any person, firm, association, partnership or corporation, other than a municipal corporation that performs certified inspections under this code.

SECTION 94. ILHR 51.23 (6) (b) Note is repealed.

SECTION 95. ILHR 51.23 (6) (c) is created to read:

ILHR 51.23 (6) (c) The activities relating to the inspection and testing of all existing automatic fire sprinkler systems as required by NFPA 25, including waterflow and alarm tests, shall be conducted at least once a year by a person who holds a credential issued by department as a licensed automatic fire sprinkler contractor, licensed journeyman automatic fire sprinkler fitter, registered automatic fire sprinkler system apprentice, registered automatic fire sprinkler contractor-maintenance, registered fire sprinkler maintenance fitter or registered automatic fire sprinkler system tester.

Note 1: Section 51.23 (6) (c) does not limit or preclude other individuals from conducting the daily, weekly, monthly, quarterly or semi-annual activities relating to inspection and testing of automatic fire sprinkler systems required under NFPA 25.

Note 2: See ss. 145.12 (1), 145.15 (4), 145.165 and 145.175 Stats. and ss. ILHR 5.50 to 5.55 concerning who may install, modify or maintain automatic fire systems.

SECTION 96. ILHR 53.53 (6) is repealed and recreated to read:

ILHR 53.53 (6) OPERATOR QUALIFICATIONS. (a) Except as provided in (b), all structural welding work shall be performed by persons registered by the department.

Note: The rules pertaining to the registration of structural welders are specified in s. ILHR 5.34.

(b) A person who holds a valid credential as a certified welder that was issued by the department prior to the effective date of these rules may continue to perform structural welding until the expiration of his or her current certification.

SECTION 97. ILHR 53.53 (7) is repealed.

SECTION 98. ILHR 53.53 (8) is amended to read:

ILHR 53.53 (8) WELD INDICATION. Each structurally significant member shall have its welding identified by a distinguishing mark stamped on the member by the ~~certified~~ registered welder or welders involved.

SECTION 99. ILHR 53.53 (10) and Note are repealed.

SECTION 100. ILHR 66.23 (1) is amended to read:

ILHR 66.23 (1) CERTIFICATION OF INSPECTORS. All inspectors for the purpose of administering and enforcing this chapter, except for inspections performed by fire inspectors, shall be performed by a certified commercial building inspector or ~~certified inspection agency~~. Certifications shall be in accord with the requirements in ch. ILHR ~~26~~ 5 for certified commercial building inspectors.

SECTION 101. ILHR 66.24 (4), (5) (e) 1 b, (f) 2 and (g) and (6) (c) are amended to read:

ILHR 66.24 (4) CERTIFICATION OF INSPECTORS. Inspectors employed by municipalities to administer and enforce this chapter under sub. (2) shall be certified by the department in accordance with ch. ILHR ~~26~~ 5 as certified commercial building inspectors.

(5) (e) 1. b. The plans shall be stamped "CONDITIONALLY APPROVED", signed, and dated by a certified commercial building inspector.

(f) 2. The plans shall be stamped "NOT APPROVED", signed, and dated by a certified commercial building inspector.

(g) Liability. A conditional approval of a plan by municipality may not be construed as an assumption of any responsibility on the part of the municipality, the certified commercial building inspector, or the department for the design or construction of the building.

(6) (c) At least one inspection report shall be written for the construction or installation shown on the approved plans. All reports shall include the name of the certified commercial building inspector.

SECTION 102. ILHR 66.255 (5) is amended to read:

ILHR 66.255 (5) IN-PLANT INSPECTIONS. Manufacturers of multifamily dwellings shall contract with the department or an independent inspection agency to conduct in-plant inspections to assure that the manufactured multifamily dwellings are in compliance with the plans approved by the department. All inspections shall be performed by a certified commercial building inspector or ~~independent inspection agency~~.

SECTION 103. ILHR 67.07 (intro.) is amended to read:

ILHR 67.07 REQUEST FOR ENERGY EFFICIENCY INSPECTION. An owner of rental unit may request an energy efficiency inspection from the department or any ~~inspector~~ person certified by the department as a rental weatherization inspector under ch. ILHR 68 5 for the purpose of determining whether the rental unit meets the energy efficiency standards specified in this chapter. If an owner, after reasonable effort, is unable to procure an inspection from an authorized municipality or an independent certified rental ~~unit energy~~ weatherization inspector, a request for an inspection may be made to the department.

SECTION 104. Chapter ILHR 68 is repealed.

SECTION 105. Chapter ILHR 68 Appendix (title) is repealed and recreated to read:

APPENDIX CHAPTER ILHR 67

SECTION 106. Chapter ILHR 74 is repealed.

SECTION 107. Chapter ILHR 81 is repealed.

SECTION 108. ILHR 82.21 (3) (b) 3 is amended to read:

ILHR 82.21 (3) (b) 3. A performance test for a reduced pressure principle backflow preventer, a reduced pressure detector assembly, a double check backflow prevention assembly, a double check detector assembly backflow preventer, and vacuum breaker - anti-siphon, pressure type shall be conducted by an individual registered by the department in accordance with s. ~~ILHR 81.115~~ ILHR 5.99.

(End)

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**EFFECTIVE DATE**

Pursuant to s. 227.22 (2) (intro.), Stats., these rules shall take effect on the first day of the month following publication in the Wisconsin Administrative Register

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**Tommy Thompson**  
Governor



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**William J. McCoshen**  
Secretary

## State of Wisconsin Department of Commerce

July 15, 1996

Gary Poulson  
Assistant Revisor of Statutes  
Suite 800  
131 West Wilson Street  
Madison, Wisconsin 53703-3233

Douglas LaFollette  
Secretary of State  
10th Floor  
30 West Mifflin Street  
Madison, Wisconsin 53703

Dear Messrs. Poulson and LaFollette:

### TRANSMITTAL OF RULE ADOPTION

CLEARINGHOUSE RULE NO.: 95-228

RULE NO.: Chapter ILHR 5

RELATING TO: Credentials


Pursuant to section 227.20, Stats., agencies are required to file a certified copy of every rule adopted by the agency with the offices of the Secretary of State and the Revisor of Statutes.

At this time, the following material is being submitted to you:

1. Order of Adoption.
2. Rules Certificate Form.
3. Rules in Final Draft Form.

Pursuant to section 227.114, Stats., a summary of the final regulatory flexibility analysis is included for permanent rules. A fiscal estimate and fiscal estimate worksheet is included with an emergency rule.

Respectfully submitted,

  
for William J. McCoshen  
Secretary

