

WAC 296-71-050 Denial, suspension, and revocation. (1) The department may deny, suspend, or revoke a course approval if the course sponsor does not comply with the training standards and accreditation requirements of this chapter.

(2) The department may suspend or revoke the training course approval, if in the department's judgment the sponsor does not maintain the course content and quality as initially approved, or make changes to a course as required by WAC 296-71-030(7). The criteria for suspension or revocation of training course approval includes, but is not limited to, at least one of the following:

- (a) Misrepresentation of the extent of training course approval;
- (b) Failure to submit required information or notification in a timely manner;
- (c) Failure to maintain requisite records;
- (d) Falsification of accreditation records, instructor qualifications, or other accreditation information; or
- (e) Failure to adhere to the training standards and accreditation requirements of this chapter.

(3) The department may deny, suspend, or revoke any certificate issued under this chapter if the certificate was obtained through error or fraud.

(4) The criteria for denying, suspending, or revoking a certificate for workers must include at least one of the following:

- (a) Obtaining certification from a training provider that does not have approval to offer training;
- (b) Obtaining certification through fraudulent representation of training documents;
- (c) Obtaining training documentation through fraudulent means.

(5) Before any course approval or certificate may be denied, suspended, or revoked, the holder thereof must be given written notice of the department's intention to do so, mailed by registered mail, return receipt requested, to the holder's last known address.

(6) A denial, suspension, or revocation order may be appealed in accordance with RCW 49.17.140. Any party aggrieved by an order of the board of industrial insurance appeals may obtain superior court review in the manner provided in RCW 49.17.150.

Appendix A: Training course content - Nonmandatory

Fundamentals of Petroleum Refining	4.0 Hours General Overview	Specific content
Crude oil and its refining into downstream products	Basic high level information about refineries	How crude oil is processed; relevant hazards as described on the safety data sheet for crude oil; fractions and their related hazards (temperatures, pressures, etc.); introduction to key refining processes; classes of refinery processes and refinery configurations; properties of the refinery-produced streams; and the interrelationship between processing units.
Refining Industry Safety Concepts	8.0 Hours WAC Reference	Overview
Exit routes and employee alarm systems	WAC 296-800-310	Details of emergency action plan concepts.

Process safety management for refineries	Chapter 296-67 WAC	Overview of the requirements for process safety management, including: Workplace assessments; stop work authority; job hazard analysis; contractor roles and responsibilities in a refinery facility; and other sections of the rule.
Emergency response	Chapter 296-824 WAC, Emergency response; WAC 296-24-567 Employee emergency plans and fire prevention plans	General overview of emergency operations in a refinery. May include facility-specific information.
Fire brigades	Chapter 296-811 WAC	Understanding how refinery fire brigades work, including rescue operations, confined space entry protocols, fire suppression techniques, use of testing instruments, etc. May include facility-specific information.
Fire prevention and protection	WAC 296-24-567 (general industry); WAC 296-155-250 (construction industry)	Basic overview touching on fire prevention, ignition sources, testing before hot work, etc. May include facility-specific information.
Hazard communication	Chapter 296-901 WAC	Review of chemicals found in refineries and their locations, including general "streams"; personal protective equipment and practices; signs and symptoms of exposure; long-term health effects; and a comprehensive review of relevant safety data sheets.
Personal protective equipment (PPE) for refinery work	WAC 296-800-160 (general industry); WAC 296-155-200 (construction industry)	Fire resistant clothing; head protection; eye protection; foot protection; hearing protection; and contaminated clothing.
Respiratory protection	Chapter 296-842 WAC	The use of respirators in certain refinery locations. May include facility-specific information.
Hearing conservation	Chapter 296-817 WAC	Understanding the areas in a refinery facility where hearing protection is required. May include facility-specific information.
Lockout/tagout	Chapter 296-803 WAC (general industry); WAC 296-155-429 (construction industry)	Energy control protocols in a refinery. May include facility-specific information.
Confined spaces	Chapter 296-809 WAC (general industry) in addition to WAC 296-155-203 (construction industry)	Types of confined spaces in a refinery; entry protocols; atmospheric testing; other related hazards. May include facility-specific information and permit forms.
Heat related illness	WAC 296-62-095	Maintain awareness of outdoor heat in the hot areas of a refinery, which may contribute to heat-related illness.
Refinery safe work practices	General safety in a refinery	Identify walking/working surface hazards; areas of nonentry; understanding general hazards of vessels and other equipment. May include facility-specific information.
Craft-Specific Safety Training Including, but not limited to:	8.0 Hours WAC References	The purpose of this section is to have a discussion about specific interdependencies and relationships of trades, including stacked work; dissimilar trades in direct proximity with each other; dissimilar risks associated with various trades (i.e., radiation, potential falling objects, etc.); job sequencing; and barricading.

Hot work	WAC 296-24-695 Fire prevention and protection (general industry); WAC 296-155-250, fire prevention and protection (construction industry)	Understanding what hot work is and how to perform craft work safely; awareness of ignition sources such as welding, and performing dissimilar work around such areas. Hot work permits are specific to each facility and facility-specific information may be included in training.
Working at heights	Chapter 296-874 WAC, Scaffolds; Chapter 296-880 WAC, Unified safety standards for fall protection	Recognizing where overhead work is occurring; understanding any hazards associated with craft work in such areas.
Electrical	WAC 296-24-957 (general industry); WAC 296-155-426 (construction industry)	Recognizing potential hazards about electrical work in a refinery and how to perform such work around other contract operations.
Pipefitting	Chapter 296-155 WAC: Part D Fire protection and prevention; Part F-1, rigging other than with the use of a crane (winch/tugger, chainfall, etc.); Part G Tools—Hand and power; Part H Welding and cutting; Part L, rigging and signaling with cranes	Basic knowledge of pipe safety: Including eliminating risk of contamination in process lines through fit, purge, weld techniques and pre and post weld buffing and machining. Basic knowledge of testing lines e.g.: Nondestructive pipe testing techniques; safety regarding fuel and pressure pipes including design, construction, location, leak detection and environmental considerations; pressure vessel fabrication certification; welding qualifications; knowledge and application of relevant standards; pipe corrosion; pipe cracks; pipe modifications, e.g., removing; cutting into or destroying existing pipe lines and piping, installing new pipes, maintaining old pipes, etc.
Equipment operating engineers	Chapter 296-155 WAC: Part L, rigging and signaling with cranes; Part F-1, rigging other than with the use of a crane (winch/tugger, chainfall, etc.)	Crane principles, rigging, signaling; forklift principles, etc.
Finishing trades	Chapter 296-155 WAC: Part F, general requirements for storage (Brick/block, handling cement/lime); Part G Tools—Hand and power; Part O Concrete, concrete forms, shoring, and masonry construction	Lead renovator, repair and painting program (RRP) Toxic Substance Control Act (TSCA) Section 402/chapter 365-230 WAC.
Cement masons	Chapter 296-155 WAC: Part F, general requirements for storage (Brick/block, handling cement/lime); Part G Tools—Hand and power; Part O Concrete, concrete forms, shoring, and masonry construction	How cement masons work relates to other work performed in the refinery.

<p>Ironworkers, boilermakers, and steelworkers</p>	<p>Chapter 296-155 WAC: Part D Fire protection and prevention; Part F-1, rigging other than with the use of a crane (winch/tugger, chainfall, etc.); Part G Tools—Hand and power; Part H Welding and cutting; Part L, rigging and signaling with cranes; Part P Steel erection</p>	<p>How boilermakers', ironworkers', and steelworkers' work relates to other work performed in the refinery, including: Measuring, fabricating, cutting, welding and shaping steel parts such as girders, columns and frames; using equipment including shears, welding tools and torches; hoisting steel parts to their appropriate location; ensuring proper alignment and positioning and bolting them into place; assembly and use of equipment, including setting up cable and chain systems for hoisting or moving steel parts; disassembling it after completion of the task; following blueprint and instructions from supervisors to perform all tasks involved in assembly of steel structures; communicate with supervisors and coworkers to ensure smooth teamwork; notifying supervisors immediately of safety or structural concerns; taking apart structures or equipment in accordance with directions and standard operating procedures; repair steel components in older structures; directing crane operators as they move and position steel components; drilling holes and aligning parts with framework in preparation for riveting; use of tools including levels, laser tools and plumb bobs to ensure precise alignment.</p>
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[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, 49.80.060, and chapter 49.80 RCW. WSR 22-19-101, § 296-71-050, filed 9/21/22, effective 10/22/22.]