

# An Overview of California Health & Safety Code Section 25536.7

Advanced Safety Training for Contractors  
Working in High Hazard Facilities  
(Such As Petroleum Refineries)



# Objectives....

- An Overview of Health & Safety Code Section 25536.7
- As it relates to Process Safety Management
- Current 4-hour Refinery Safety Orientation
- Overview of 20-hour Curriculum

# H&S Code 25536.7

- This code would require an owner or operator of a stationary source ..., that is engaged in activities described in Code 324110 or 325110 of the (NAICS),... and with one or more covered processes ..., when contracting for the performance of construction, alteration, demolition, installation, repair, or maintenance work at the stationary source, shall require that its contractors and any subcontractors use a skilled and trained workforce to perform all onsite work within an apprenticeable occupation in the building and construction trades.

# H&S Code 25536.7

- The Chief of the Division of Apprenticeship Standards of the Department of Industrial Relations may approve a curriculum of in-person classroom and laboratory instruction for approved advanced safety training for workers at high hazard facilities.
- That safety training may be provided by an apprenticeship program approved by the Chief or by instruction provided by the Chancellor of the California Community Colleges.

# H&S Code 25536.7

- The Chief shall approve a curriculum in accordance with this paragraph by January 1, 2016, and shall periodically revise the curriculum to reflect current best practices.
- Upon receipt of certification from the apprenticeship program or community college, the chief shall issue a certificate to a worker who completes the approved curriculum.

# H&S Code 25536.7

- "Approved advanced safety training for workers at high hazard facilities" means a curriculum approved by the chief pursuant to paragraph (2) of subdivision (a).

# H&S Code 25536.7

- The worker has completed within the prior two calendar years at least 20 hours of approved advanced safety training for workers at high hazard facilities. This requirement applies only to work performed on or after January 1, 2018.

# To Summarize:

1. Code requires all contractors prior to working in refineries to have passed a 20-hour advanced safety training course for high hazard facilities.
2. The curriculum must be approved by the Division of Apprenticeship Standards. Must be submitted by January 1, 2016.
3. 20-hour advanced safety training to be completed by January 1, 2018.
4. Contractor training enforced under PSM Standard.





# How Does This Relate to Process Safety Management

# Process Safety Management §5189

- (h)(3) Contractors.
  - (3) Contractors shall assure that each of their employees have received training to safely perform their job and that the contract employees shall comply with all applicable work practices and safety rules of the facility.
  - (4) The contractor's training program shall be performed in accordance with the requirements of subsection (g) (and H&S Code 25536.7.)

## §5189. Process Safety Management of Acutely Hazardous Materials.

- (g)(1,2) Training.
  - (1) Initial training. Each employee presently involved in operating or maintaining a process, and each employee before working in a newly assigned process, shall be trained in an overview of the process and in the operating procedures as specified in subsection (f). **The training shall include emphasis on the specific safety and health hazards, procedures, and safe practices applicable to the employee's job tasks.**
  - (2) Refresher and supplemental training. **At least every three years, and more often if necessary, refresher and supplemental training shall be provided to each maintenance or operating employee and other workers necessary to ensure safe operation of the facility.** The employer in consultation with employees involved in operation or maintenance of a process shall determine the appropriate frequency of refresher training.

# Chapter 296-67 WAC

## Process Safety Management of Highly Hazardous Materials

- WAC 296-67-029 – Contractors
- (3) Contract employer responsibilities.
  - (a) The contract employer shall assure that each contract employee is trained in the work practices necessary to safely perform his/her job.
  - (b) The contract employer shall assure that each contract employee is instructed in the known potential fire, explosion, or toxic release hazards related to his/her job and the process, and the applicable provisions of the emergency action plan.

# Current RSO Training

- Training is 4-hours every other year
- The RSO program provides an awareness level orientation of the following elements:
  - Regulatory Overview
  - Hazard Communication
  - Emergency Action Plans
  - Toxicology
  - Personal Protective Equipment (PPE)
  - Respiratory Protection
  - Hearing Conservation
  - Prevention of Heat Stress
  - Refinery Safe Work Practices
  - Refinery Process Overview

# 20-Hour Advanced Refinery Safety Training for Contractors

- Principles of Petroleum Refining (4 - Hours)
- Refinery Safety Overview (RSO) (8 – Hours)
  - Expanded version of the current 4-hour RSO Training
- Craft Skill Specific Safety Training 8-hours
  - Hard Trades i.e. Hotwork, Pipefitting
  - Soft Trades i.e. Scaffold erection
  - Specialty Trades i.e. Hydroblasting

# Top 5 PSM Violations ...

1. Outdated process safety information
2. Previous Process Hazard Analysis (PHA) issues
3. Vague Standard Operating Procedures (SOPs)
4. Improper Management of Change (MOC) documentation
5. Lack of proper PSM training

In 2015 the PSM Unit issued 26 general citations, 6 willful serious citations, and 18 serious citations for refineries alone.



Thank you!

