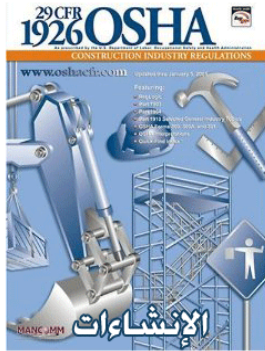




إدارة السلامة والصحة المهنية - الأوشا

Training

يتم تدرس هذا الموضوع في دورات أوشا التالية:



❑ OSHA 510: Occupational Safety and Health Standards for the Construction Industry.

❑ OSHA 511: Occupational Health and Safety Standards for General Industry.

سبتمبر 2011
جزيرة تاروت، السعودية

دورات الاوشا

إذا أردت دورات الاوشا بصيغة بوربوينت، عليك ترجمة
موضوعين للغة العربية من دورات المقدمة في موقع "هندسة
الإطفاء والسلامة".

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Training:

- **A quality safety program always includes training**
 - Employee understanding & involvement
 - Watch for disabilities or language barriers
- **When should training be done?**
 - Before assignment to a new task or job
 - When the process or hazard changes
 - When required to do so by regulation
 - To create or reinforce understanding

Training – more than 100 separate regulations require training under OSHA

A Sampling:

- 1. Emergency Plans: 1910.38 – safe evacuation, train employees so that they can protect themselves, when changed;**
- 2. Fire Prevention: 1910.38 – fire hazards, their part of the plan; when changed;**
- 3. Powered platforms: 1910.66 – use, proficiency, inspection, hazards, (fall protection); before use; certification!**
- 4. Manlifts: 1910.68 – 30 day inspection, limit switches are weekly inspected; competency;**
- 5. Ventilation: 1910.94 (open tanks) – hazards, PPE, first aid/rescue – see also confined space & respirator standard;**

A Sampling: (cont)

- 6. Noise: 1910.95 – use of PPE & effects; annual (audiogram); post standard!**
- 7. Explosives: 1910.109 – notify police and fire authorities, supervision, extinguisher use, driver control;**
- 8. Process Safety Management: 1910.119 – operating procedures, maintenance & inspection, process upset & change, shutdown; prestartup & 3 yr. Update; verify understanding! (also, contractors!)**
- 9. HAZWOPER: 1910.120 – inclusive, levels of training, initial and 8 hr annual refresher;**
- 10. PPE: 1910.132 – when, what (assessment), don, doff, use limitations, maintenance, disposal; prior to use & refresher;**
- 11. Respiratory protection: 1910.134 – as PPE, in fit test atmosphere: proper fit (annual);**

A Sampling: (cont.)

- 12. Confined Space: 1910.146 – active roles in permitting, entry, testing, rescue operations – before assigned based upon the role undertaken (proficiency)**
- 13. Lockout/Tagout: 1910.147 – authorized persons – energy sources, types, dangers, means of isolation and control; affected persons-procedures, dangers of circumventing them; (proficiency);**
- 14. Fire Brigades: 1910.156 – structural vs. incipient – commensurate with duties (minimum annual); for structural, at least quarterly;**
- 15. Portable Fire Extinguishers: 1910.157 – as duties (initial and annual):**
- 16. Powered industrial trucks: 1910.178 – operator certification (proficiency on each piece of equipment) trained by authorized and competent trainer;**

A Sampling: (cont.)

- 17. Overhead and gantry cranes: 1910.179 – designated persons (proficiency); inspection;**
- 18. Slings: 1910.184 – user – inspection and replacement criteria;**
- 19. Welding, Cutting, Brazing: 1910.252 – fire watch – duties, hot work permitting, authorization, users – competency for safe operation; qualified persons;**
- 20. Electric Power Generation: 1910.269 – safe work practices, emergency, rescue, recognition of electric hazards, live parts, voltage determination; annual inspection/verification (proficiency);**
- 21. Chemical Specific: 1910.10 == - all exposed, etc.**
- 22. Haz Comm. 1910.1200 – all exposed, prior to use – PPE, effects, MSDS, safe handling and storage, emergency procedures, detection, labeling;**

The mechanics of training

- **Certification means a signature by the person performing it**
- **Proficiency means demonstration of understanding or ability to perform the task safely (a test)**
- **Authorized means having the authority to do something (usually as the result of training and position)**
- **Training is scheduled to protect the employee NOT when convenient for the company**
- **Document everything: the date, the trainer, the attendees (have them sign in), the tests (if there are any).**

Final thoughts:

- **Make training effective!**
 - Specific
 - Memorable
 - Useful
- **Use peer to peer when you can**
- **Use 'safety rules' sparingly– gotchas! Are not beneficial**