

## **CHAPTER 11**

### **CONSTRUCTION OSHA AWARENESS TRAINING COURSE**

#### **11.1 PURPOSE**

The purpose of this chapter is to provide an Occupational Safety and Health Awareness Training Course for Florida Department of Transportation (FDOT) Construction Personnel **ONLY**. This course will teach employee(s) the importance of Safety and awareness of common hazards. This Course will also be available for other Department Personnel performing similar work (i.e. Materials, Maintenance, etc.)

#### **11.2 AUTHORITY**

Governor's Executive Order number 2000-292

Section 334.044 (2), 334.048 Florida Statutes (F.S.)

#### **11.3 REFERENCE**

Chapter 13, Topic No. 500-000-015-g Loss Prevention Manual

#### **11.4 BACKGROUND**

The Department OSHA Ten Hour Course that's available in Training Records Evaluation and Scheduling System (Tress) program has a variety of Modules that didn't meet the specific needs for construction personnel. Our Construction Personnel needed a Safety Course that could be provided to meet specific safety issues that affects Construction Personnel on Construction Projects. Department Personnel can continue to take those courses available in tress if they so desire. However, Construction Personnel are required to take the Construction OSHA Awareness Training Course which will also be a TRESS course.

#### **11.5 QUALIFICATION**

Construction Employees, involved in Construction Activities are required to take the approved Construction OSHA Awareness Training Course. Employees will be able to take this course by Computer Base Training (CBT), Instructor Led Training (IL T), or a

combination of CBT and ILT. A FDOT employee who successfully completes the Construction OSHA Awareness Training course will receive a Student completion Card. The Construction OSHA Awareness Training Course can be provided by an authorized FDOT employee (with proper qualifications and prior safety experience or training), CBT or a combination of any of the above listed training methods. The Department recognizes a qualified person who has been through an OSHA approved 30 hours Safety Course for Construction and has a current certification. In order to access the State Construction Safety Training website, each employee must use their Employee Identification Number.

## **11.6 GENERAL REQUIREMENTS**

All safety training must be coordinated through their District Safety Office. The State Construction Training Administrator (SCTA) will notify the District Construction Training Administrator (DCTA) if there are any changes to FDOT policies or procedures relating to safety. Construction employees are required to take a refresher course every five years.

Districts may choose to give CBT, or IL T or a combination of CBT and ILT. They will have the option of selecting which of the modules will be CBT and ILT. Where any ILT is to be used the Department will select, on a per district basis, which module(s) will be presented by ILT and which will be CBT. The SCTA will enter these selections for each district but, the DCTA's will be responsible for entering completed ILT module information for Trainees who have completed the required ILT course into TRESS. The CBT course will be provided on-line through the State Construction Office web-site.

Construction Safety training course for Construction personnel should be completed by January 2007.

Each authorized instructor can modify his/her selected module to show the actual safety hazards on a particular Construction Project.

Employee shall be allowed sufficient time during normal duty hours to attend the required CBT or ILT Course.

## **11.7 OSHA MODULES**

Construction/Unit Managers/Office Heads shall ensure that training and education of employees are provided in the following areas as appropriate:

- (A) Recognition and avoidance of unsafe conditions and the regulations applicable to construction and maintenance work and activities. [29 CFR 1926.21(b)(2)]
- (B) Personal Protective Equipment. (when to use, how to maintain) [29 CFR

- 1926.28]
- (C) Hearing Protection (when to use, types, how to maintain) [29 CFR 1926.101]
  - (D) Ground Fault Protection on construction sites [29 CFR 1926.404]
  - (E) Scaffolding Safety (basic installation, approved ladder, railing) [29 CFR 1926.451]
  - (F) Fall Protection (types, use of a harness, inspection of equipment, when to use, the 6 foot rule, engineering requirements) [29CFR 1926.502]
  - (G) Material Hoists, Personnel Hoists and Elevators (inspections, proper use, load capacities, crane inspection) [29 CFR 1926.552]
  - (H) Earth Moving Equipment/Motor Vehicles (back up alarms, working around) [29 CFR 1926.602, 604]
  - (I) Excavation and Trenching (safety, shoring, ingress/egress) [29 CFR 1926.650]
  - (J) Barges (used for marine construction of bridges, etc.) [29 CFR 1926.605]
  - (K) Demolition of structures [29 CFR 1926.859]
  - (L) Cranes (working around safely, swing radius) [29 CFR 1926.550]
  - (M) Concrete and Masonry (hazardous dust, safety requirements) [29 CFR 1926.700]
  - (N) Working safely in work zones (night and day) (special hazards and how to work safety around them)
  - (O) Working in confined spaces (culverts, storm water systems, drainage pipes and other areas not designed for human Occupancy) [29 CFR 1926.21]
  - (P) Hazardous Materials and Material Safety Data Sheets [29 CFR 1926.59 and 1910.12]

## 11.8 Authorization

Any Instructor who teaches the course must be certified as stated in 11.5. Employees that

successfully complete the Construction OSHA Awareness training Course will need to submit the information to their District Construction Training Administrator.

**Note:** DCTA's will track completion of modules and overall course, notify the SCTA when employee(s) completes the Construction OSHA Awareness Training Course, so records can be maintained in TRESS.

## **11.9 New Employees**

All new Construction Employees must have the Construction OSHA Awareness Training Course as it relates to their assigned duties and activities so that they are aware of the safety requirements when working in construction areas. After an employee is hired, this training must be completed within the first year from the employees hire date.

## **11.10 State Construction Office**

The DCTA will keep records of all employee(s) who have successfully completed the Construction OSHA Awareness Training course. This Information on who has completed all or partial modules required will be provided to the SCTA.

# **GENERAL DISCLAIMER**

**Chapter 11** of this Manual **does not** require any qualification or certification associated with the Construction Training Qualification Program. Policies and Procedures set forth in the **Construction Training and Qualification Manual (CTQM)** will have no affect on the **Construction OSHA Awareness Training Course**.