Department Approved Course Requirements

Course Title: 16-Hour Suspended Scaffold User

Course Required for: ☑ Worker Training

Purpose: This course is a requirement for an individual to use or work on a Suspended Scaffold in New York City.

Duration: 16 Hours of instructional time, excluding breaks & meals

Class Size: 1 – 50 Trainees

NYC Requirement: To use or work on a Suspended Scaffold in New York City, an individual must successfully complete 16 hours of user training.

Note: In addition to completing this training course, individuals who use a Suspended Scaffold may also need to possess a Certificate of Fitness from a licensed rigger or sign hanger.

Facility Requirements: The Training Facility used by the Course Provider must:

- Have sufficient room to accommodate all expected attendees and the equipment needed to perform hands-on exercises where required as part of the course.
- Make provisions for the presentation of training material in all media types (computer, projector, video/DVD player, etc.); and
- Comply with all applicable laws, rules & regulations relating to occupancy, zoning, egress, fire detection, fire suppression, light, ventilation, cleanliness, sanitary facilities, emergency notification & evacuation procedures.

Training may be held at construction sites, provided the above requirements are met.

Instructor Requirement: To deliver this course the instructor(s) must demonstrate that he or she is credentialed or trained in instructional methods and learning processes. The instructor(s) must also successfully demonstrate his or her ability to solve or resolve problems relating to the subject matter by possession of a recognized degree, certificate, licensure or professional standing, or by extensive knowledge, training, and experience, in the subject matter being taught. To the extent that the course instructor(s) holds, or has held, a trade license issued by the Department, it must be in good standing and not be surrendered to, suspended by or revoked by the Department.

The instructor(s) must also be authorized by the Occupational Safety and Health Administration (“OSHA”) as a trainer(s) for its Construction and Outreach Program.

Curriculum Requirement: All topics listed under Course Content Outline must be covered using the listed Instructional Delivery Method. The time dedicated to each outline topic should be appropriate for the course content and can vary depending on the trade or job performed by the trainee. The Instructional Delivery Materials used in this course must contain all current applicable NYC Construction Code references, current rules, policies & bulletins.
Department Approved Course Requirements

Course Content Outline

1. Introduction to Suspended Scaffolds
   Types
   Major Components

2. Suspended Scaffold Accidents
   Common Causes & Prevention
   Accident Statistics
   Case Studies w/Photos

3. OSHA 1926 Overview - Safety & Health Regulations for Construction
   Subpart E - Personal Protective Equipment & Life-Saving Equipment (PPE)
   Subpart L - Scaffolds
   Subpart M - Fall Protection

4. NYC Construction Codes Overview - cover all applicable codes, rules, related department policy statements, regulatory notices, bulletins & memos including:
   Title 1 Rules of the City of New York - Chapter 9 Rigging Operations & all NYC Building Codes with emphasis on the scaffold sections (3314) in Chapter 33 Safeguards during Construction & Demolition

5. NYC Department of Buildings Overview - cover all applicable Administrative standard operating procedures, policy & procedure notices permits/department notifications, forms, filing & site documents, plans, inspection checklists/logs and weather advisories

6. General Principles of Fall Protection
   Fall Clearance, Total Fall Distance Calculations, Minimizing Fall Forces, Guarding Against Falling Objects

7. Personal Protective Equipment & Fall Arrest Systems
   Selection, Fit Test of Harness, Inspection Procedures
   Donning & Doffing Harness & Equipment, Care of Equipment & Systems

8. Suspended Scaffold Use
   Safe Use of Tools Safety Hazards including Fire Hazards
   Set-Up/Start-Up Procedures
   Attach to structurally sound objects with C-Hook, Outrigger System, Pennant & Parapet Clamp
   Raising and lowering the scaffold
   Shutdown and securing the scaffold

9. Hoist, Platform & Rigging Equipment Practices
10. Maximum Intended Loads & Capacity Reducing Factors
11. Rope, Fall, Knot & Hitch Configurations & Connections
    Various Applications & Connection Techniques using ropes, knots & hitches-night, clove, rolling, timber hitch, bowline, sheep bend, square knot, additional knots, bends & hitches

12. Wire Rope & Termination Techniques
13. Basic Rope, Fall, Hoist, Block & Rigging Set-Ups & Procedures
14. Lifelines, Rope & Cable grabs
    Chaffing Gear for Lifelines & Cables
15. Electric Motors, Controls & Cables
16. Suspended Scaffold Inspections: Equipment & Rigging Hardware
17. Rejection Criteria for Equipment & Rigging Hardware
18. Safety Checklists: Pre-Start, Scaffold Operation & Shut-Down
19. Emergency Situations & Preparedness Procedures
20. NYC Buildings Unsafe Condition (311) Notification Procedure
21. NYC/DOI Buildings Integrity Training Contact Information Sheet
22. Review of all Training Topics
23. Written Assessment
24. Hands-On Performance Assessment

Instruction Delivery Method

Classroom Lecture w A/V Support
Classroom Lecture/Discussion w A/V
Classroom Lecture/Discussion w A/V
Classroom Lecture/Discussion w A/V
Classroom Lecture/Discussion w A/V
Classroom Lecture/Discussion w A/V
Hands-On Demonstration & Practice
Hands-On Demonstration & Practice
Hands-On Demonstration
Hands-On Demonstration
Hands-On Demonstration & Practice
Hands-On Demonstration & Practice
Hands-On Demonstration
Hands-On Demonstration & Practice
Hands-On Demonstration & Practice
Provide Copy to Trainee & Discuss
Discussion with Questions & Answers
On Scaffold