



Department Approved Course Requirements

Course Title:	16-Hour Suspended Scaffold User
Course Required for:	<input checked="" type="checkbox"/> 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: <ul style="list-style-type: none">• 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.



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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 wind & 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

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Hands-On Demonstration

Hands-On Demonstration & Practice

Provide Copy to Trainee & Discuss

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Discussion with Questions & Answers

Classroom

On Scaffold