Department-Approved Course Requirements: 8-Hour Supported Scaffold Installer & Remover Refresher

REVISED 2/23

Course Required for: ☒ **Worker Training**

Purpose: This course is a requirement for an individual to maintain his/her designation as a Supported Scaffold Installer & Remover in New York City.

Duration: 8 Hours of instructional time, excluding breaks & meals

Class Size: 1 – 30 Trainees

NYC Requirement: To continue to install or remove Supported Scaffolds in New York City, an individual must successfully complete this 8 Hour Supported Scaffold Installer & Remover Refresher training course four years following the completion of the 32-Hour Supported Scaffold Installer and Remover Course and every 4 years thereafter.

Delivery Requirements: Hybrid training is permissible for courses that contain both Classroom Lecture and Hands-On as the Instruction Delivery Methods.

Where the Instruction Delivery Method indicates:

Hands-On: the instruction must be delivered onsite and in person. The students must physically handle the items. The procedure being instructed must be demonstrated and explained to the students first.

Demonstration: the demonstration may be delivered either by a person or a video. Video Demonstrations may be delivered by virtual live classroom however, self-study modules are not permissible.

Classroom Lecture/ Discussion w A/V: the instruction may be delivered by virtual live classroom; however, self-study modules are not permissible.

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, and
- 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; and
- be authorized by the Occupational Safety and Health Administration (OSHA) as a trainer(s) for its Construction and Outreach Program, and
- comply with all applicable Federal, State, and local laws, rules and regulations, and the Department's Industry Code of Conduct.

Course Requirement: All **topics** listed under **Course Content Requirements** 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.

All statistics referenced should reflect the latest publicly available statistics. The selection of Case Studies should prioritize incidents in NYC since the prior renewal period and contain relevant and illustrative photos where available.

Refresher or Renewal Courses should focus on the updates since the prior renewal period.

Course Content Requirements	Instruction Delivery Method
1. General Overview of Scaffolding	Classroom Lecture/Discussion w A/V
2. Supported Scaffold Accidents • Common Causes & Prevention • Accident Statistics • Case Studies w/Photos	Classroom Lecture/Discussion w A/V
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 • Subpart X – Stairways and Ladders	Classroom Lecture/Discussion w A/V
4. NYC Construction Codes Overview - cover all applicable: • Codes, • Rules, • Related department policy statements, • Regulatory notices, • Bulletins & memos including: o All NYC Building Codes with emphasis on the scaffold sections (3314) in Chapter 33 Safeguards during Construction & Demolition	Classroom Lecture/Discussion w A/V
5. NYC Department of Buildings Overview - navigate the NYCDOB website to cover all applicable • Administrative standard operating procedures, • Policy & procedure notices • Permits/department notifications, • Forms, • DOBNOW Filing & site documents, • Plans, • Inspection checklists/logs and • Wind & weather advisories	Classroom Lecture/Discussion w A/V
6. General Principles of Fall Protection • Fall Clearance, • Total Fall Distance Calculations, • Minimizing Fall Forces, • Guarding Against Falling Objects and Tool Tethering	Classroom Lecture/Discussion w A/V
7. Personal Protective Equipment & Fall Arrest Systems • Selection, • Donning & Doffing Harness & Equipment with Fit Test, • Inspection Procedures • Care of Equipment & Systems	Demonstration Hands On Hands On Demonstration
8. Supported Scaffold Erection/Dismantling Planning	Classroom Lecture/Discussion w A/V
9. Supported Scaffold Use • Safe Use and Tethering of Tools • Safety Hazards & Protection • Hazards o Fire o Electrical o Material Handling & Overloading • Maximum intended load & load handling	Hands On Classroom Lecture/Discussion w A/V Classroom Lecture/Discussion w A/V Classroom Lecture/Discussion w A/V Classroom Lecture/Discussion w A/V Demonstration
10. Rejection Criteria for Equipment & Hardware	Demonstration
11. Safety Checklists: Pre-Start, Erection & Dismantling	Classroom Lecture/Discussion w A/V
12. Emergency Situations & Preparedness Procedures	Classroom Lecture/Discussion w A/V

13. Most Common Sources of Failures • Access & Working Platforms • Foundations • Guys, Ties & Braces	Classroom Lecture/Discussion w A/V
14. Tubular Welded Frame Scaffolds	Classroom Lecture/Discussion w A/V
• Specific Regulations & Standards	Demonstration
• Components & Parts Inspection	Demonstration
• Modified Cut Pipe Frames	Demonstration
• Erection/Dismantling Planning	Classroom Lecture/Discussion w A/V
• Guys, Ties & Braces	Classroom Lecture/Discussion w A/V
• Fall Protection, Accident Prevention & General Safety	Classroom Lecture/Discussion w A/V
• Access & Platforms	Hands-On
• Erection/Dismantling Procedures	Hands-On
• Rolling Scaffold Assembly	Classroom Lecture/Discussion w A/V
• Putlogs	
15. Tube & Clamp Scaffolds	Classroom Lecture/Discussion w A/V
• Specific Regulations & Standards	Demonstration
• Components & Parts Inspection	Classroom Lecture/Discussion w A/V
• Erection/Dismantling Planning	Classroom Lecture/Discussion w A/V
• Guys, Ties & Braces	Classroom Lecture/Discussion w A/V
• Fall Protection, Accident Prevention & General Safety	Classroom Lecture/Discussion w A/V
• Access & Platforms	Hands-On Demonstration & Practice
• Erection/Dismantling Procedures	Classroom Lecture/Discussion w A/V
• Buttresses, Cantilevers & Bridges	
16. System Scaffolds	Classroom Lecture/Discussion w A/V
• Specific Regulations & Standards	Demonstration
• Components & Parts Inspection	Classroom Lecture/Discussion w A/V
• Erection/Dismantling Planning	Classroom Lecture/Discussion w A/V
• Guys, Ties & Braces	Classroom Lecture/Discussion w A/V
• Fall Protection, Accident Prevention & General Safety	Classroom Lecture/Discussion w A/V
• Access & Platforms	Hands-On Demonstration & Practice
• Erection/Dismantling Procedures	Hands-On Demonstration & Practice
• Buttresses, Cantilevers & Bridges	
17. Handouts • NYC Buildings Unsafe Condition (311) Notification Procedure • NYC/DOI Buildings Integrity Training Contact Information Sheet	Provide Copy to Trainee & Discuss
18. Review of all Training Topics	Discussion with Questions & Answers
19. Written Assessment	Classroom
20. Hands-On Performance Assessment	On Scaffold