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| <b>Course Required for:</b>     | <input checked="" type="checkbox"/> Worker Training   |
| <b>Purpose:</b>                 | This course is a Worker Training requirement for an individual to use or operate a Mast Climber in New York City.   |
| <b>Duration:</b>                | 4 Hours of instructional time, excluding breaks and meals   |
| <b>Class Size:</b>              | 1 – 50 Trainees   |
| <b>NYC Requirement:</b>         | To use, operate, or work on a Mast Climber in New York City, an individual must successfully complete 4 hours of User Training.   |
| <b>Delivery Requirements:</b>   | Where the Instruction Delivery Method indicates: <ul style="list-style-type: none"><li>• Classroom Lecture/Discussion w A/V (Audio-Visual): the instruction may be delivered by virtual live classroom; however, self-study modules are not permissible.</li></ul>  |
| <b>Facility Requirements:</b>   | The Training Facility used by the Course Provider must: <ul style="list-style-type: none"><li>• Have sufficient room to accommodate all expected attendees and the equipment needed to perform hands-on exercises where required as part of the course.</li><li>• Make provisions for the presentation of training material in all media types (computer, projector, video/DVD player, etc.).</li><li>• Comply with all applicable laws, rules and regulations relating to occupancy, zoning, egress, fire detection, fire suppression, light, ventilation, cleanliness, sanitary facilities, emergency notification and evacuation procedure.</li></ul>  |
| <b>Instructor Requirements:</b> | To deliver this course the instructor(s) must: <ul style="list-style-type: none"><li>• 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.</li><li>• Be authorized by the Occupational Safety and Health Administration (OSHA) as a trainer(s) for its Construction and Outreach Program.</li><li>• Comply with all applicable Federal, State, and local laws, rules and regulations, and the Department's Industry Code of Conduct.</li></ul> |
| <b>Course Requirements:</b>     | <p>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 licensee. The Instructional Delivery Materials used in this course must contain all current applicable NYC Construction Code references, current rules, policies, and bulletins.</p> <p>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.</p> <p>Refresher or Renewal Courses should focus on the updates since the prior renewal period.</p>   |

**Course Content Requirements**

**Instruction Delivery Method**

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|--|------------------------------------|
| 1. Introduction  | Classroom Lecture/Discussion       |
| 2. Mast Climber Incidents <ul style="list-style-type: none"> <li>• Common causes and prevention</li> <li>• Incident statistics</li> <li>• Case studies w/photos</li> </ul>   | Classroom Lecture/Discussion w A/V |
| 3. OSHA 1926 Overview <ul style="list-style-type: none"> <li>• Subpart L – Supported Scaffolds</li> </ul>  | Classroom Lecture/Discussion w A/V |
| 4. NYC Code Review - All applicable: <ul style="list-style-type: none"> <li>• Codes</li> <li>• Rules</li> <li>• Related department policy statements</li> <li>• Regulatory notices</li> <li>• Bulletins and memos including: <ul style="list-style-type: none"> <li>○ 2022 Building Code, Chapter 33</li> <li>○ Mast Climber Rule 3314-01</li> </ul> </li> </ul>   | Classroom Lecture/Discussion w A/V |
| 5. Use of Mast Climbers <ul style="list-style-type: none"> <li>• General fall protection from mast climbers</li> <li>• Storage of material</li> <li>• Guarding against falling objects</li> <li>• Safe use of tools</li> <li>• Maintaining balance of mast climber during work</li> <li>• Avoiding overloads</li> <li>• Avoiding fire hazards</li> <li>• Avoiding electrical hazards</li> </ul>  | Classroom Lecture/Discussion w A/V |
| 6. Operation of Mast Climbers <ul style="list-style-type: none"> <li>• Overview of startup and shutdown procedures</li> <li>• Basic controls</li> <li>• Load charts</li> <li>• Maintaining stability of the mast climber during operation</li> <li>• Wind shutdown criteria</li> <li>• Emergency descent procedures</li> </ul>   | Classroom Lecture/Discussion w A/V |
| 7. Pre-shift Mast Climber Inspection <ul style="list-style-type: none"> <li>• Inspection of components including <ul style="list-style-type: none"> <li>○ Rollers</li> <li>○ Travel cord basket</li> <li>○ Cables</li> <li>○ Platforms</li> <li>○ Outriggers</li> <li>○ Ties</li> <li>○ Foundation/area resting upon <ul style="list-style-type: none"> <li>• Controls</li> <li>• Limit switches</li> <li>• Emergency stops</li> <li>• Alarms</li> <li>• Fences and railings</li> </ul> </li> </ul> </li> <li>• Inspection to verify stability of materials stored on mast climber</li> <li>• Inspection to verify mast climber in conformance with approved plans</li> <li>• Reporting concerns/damage</li> </ul> | Classroom Lecture/Discussion w A/V |
| 8. Incident Reporting and Protocols  | Classroom Lecture/Discussion w A/V |

**Course Content Requirements**

9. Handouts
  - [NYC Buildings Unsafe Condition \(311\) Notification Procedure](#)
  - [NYC/DOI Buildings Integrity Training Contact Information Sheet](#)
10. Review all Training Topics
11. Written (Multiple Choice) Assessment

**Instruction Delivery Method**

- Provide Copy to Trainee & Discuss
- Discussion with Questions & Answers
- Classroom