

Wind Energy Competent Rescuer Training



Course description:

Wind turbine installation and maintenance are not easy tasks. A turbine is a high-risk environment with a number of danger areas where workers are exposed to fall risk and potentially require a rescue.

This course is specifically designed for individuals who work at height on wind turbines and is a pass/fail program that incorporates extensive classroom and hands-on training. The course has both written and practical examinations that are based on the requirements of OSHA Regulations and the ANSI Z359.2 standard.

The course involves a high degree of hands-on scenarios and will require workers to actively participate in rescue operations.

Students attending this course will expand their knowledge and ability on how to utilize pre-engineered rescue equipment and rescue techniques for safe and efficient rescues. Upon successful completion of this course, the student will receive a certificate acknowledging they have met or exceeded OSHA and ANSI requirements as a Competent Rescuer.

Duration:

2 days (up to 16 hours)

Recommended attendance:

This course provides training for individuals that work on wind turbines and want to be a Competent Rescuer. It is also for individuals—including managers and immediate supervisors of authorized rescuers—who work at height during the construction and maintenance of wind turbines.

Learn more:

To learn more about our training and consultative services, call **800-328-6146** or visit **3M.com/FallProtection**

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Topics discussed:

- Fall hazard elimination and controls methods
- Applicable fall protection and rescue regulation
- Assessment of fall hazards to determine rescue methods.
- The responsibilities of Competent and Authorized Rescuers
- Detailed inspection and recording of rescue equipment components and systems
- Rescue system assessments and determining when a system is unsafe
- Development of written fall protection rescue plan and procedures

Hands-on learning:

- (from a fixed ladder, nacelle and hub evacuation simulations)
- Self-rescue techniques
 - Assisted self-rescue techniques
 - Mechanically aided rescue techniques
 - Rescue pick-offs of a suspended worker
 - Victim packaging
 - Equipment inspection, care and maintenance

Learning objectives:

Upon completion of the course, the attendee will be able to:

- Anticipate the need for a planned rescue and develop the necessary rescue procedures before authorized persons start their workplace activities
- Obtain a working knowledge of current fall protection and planned rescue regulations, standards, equipment and systems
- Prepare, update, review and approve planned rescue procedures
- Identify the resources necessary and available and be able to conduct a safe, prompt and effective rescue from heights on a wind turbine
- Know the hazards associated with rescue from heights and the required procedures necessary to mitigate the hazards within the area of the rescue
- Verify that the rescue equipment markings, condition and instructions are appropriate
- Verify that response procedures and rescue performances are evaluated at least annually