



### ***Wind Turbine Safety Awareness and Needs Assessment (4 hours)***

This course is designed to provide awareness of work safety at height, individual worker escape, evacuation and co-worker rescue procedures and to work closely with the client to develop initial procedures to be utilized for safe work at height, escape, evacuation and rescue. This course is also a valuable learning experience directed at response agencies (Fire Departments and EMS providers). No prerequisites required.

Due to the information only nature of this course, presentations are limited to classroom only, no hands-on skills are presented.

- Course introductions and objectives
- Company policies/protocols, facility site safety and needs assessment
- Pre-planning, mutual aid, scene safety, EMS protocols
- Basic fall protection concepts
- Communication (radios, cell phones, etc.)
- Victim assessment and suspension trauma
- Wind turbine awareness
- Equipment awareness
- Harness awareness
- Rope awareness
- Knots: termination and inline
- Sewn terminations
- Technora rope advantages
- Vertical lifeline systems
- Lanyard climbing
- Anchorages
- Belay (back-up) devices
- Automatic descent control devices
- Petzl I'D and rope compatibility
- Spec Pak awareness
- Fall recovery awareness (self and co-worker) interior and exterior including rescue ladder use
- Pre-built mechanical advantage systems
- Ladder rescue awareness (weighted semi-conscious and unconscious)
- Nacelle rescue awareness (interior and/or exterior lowering)
- Hub rescue awareness
- Tag line awareness
- Course completion, feedback
- Recommendation of yearly (minimum) training including updates and new technology