FALL PROTECTION & RESCUE INSTRUCTOR DEVELOPMENT
- WIND TURBINE-

"IT'S NOT WHAT YOU KNOW THAT PROTECTS YOU…
IT'S HOW THE INFORMATION IS EFFECTIVELY APPLIED"

2010

COURSE DURATION: 4 Days (40 Hours)

CLASS SIZE: Open Enroll Format Criterion-Student/Instructor Ratio Determined By Class Size

REFERENCE MATERIALS: Materials Addendum Provided Upon Request

DOCUMENTATION: License Agreement, Graduation Certificate, Wallet-Sized Certificate with Picture

All courses are intended to be used as a continuing education opportunity, please refer to ANSI490.1 2009 Criteria for Accepted Practices in Safety, Health, and Environmental Training. Although SYNTECH courses are comprehensive in content, there's only minimum time available to pass on over 120 years of knowledge from the SYNTECH Team. We do not endorse a single course completion to achieve total subject matter competency; it's only with continuing education can competency be maintained and move a safety culture forward.

COURSE DESCRIPTION

This course is designed to educate participants on the theory, principles and practice of conducting site-specific fall protection and rescue training for students in the Wind Industry. Participants learn how to implement a course curriculum for wind turbine access that includes the delivery of interactive classroom instruction and the management of practical hands-on exercises that focus on the appropriate application of fall protection and rescue techniques. Significant emphasis is placed on developing instructor-level skill sets in course development, classroom presentation, student performance evaluation, and the practical management of hands-on training evolutions. Participants will also receive instruction on the administrative management of fall protection & rescue training programs, including the documentation of student progress and performance through written exams and proficiency tests.

COURSE OBJECTIVES

Upon completion of the course, students will have a comprehensive understanding of the following areas in fall protection and rescue instruction:

- Regulatory Standards & Guidelines
- Fall Protection & Rescue Theory
- Range/Application of Systems & Equipment
- Anchorages and Anchorage Selection
- Clearance Requirements
- Full Body Harnesses
- Connectors
- Energy Absorbing Lanyards
- Work Positioning Systems
- Knots
- Job Hazard Analysis
- Pre-Climb Systems
- Fall Restraint Systems
- Equipment Inspection
- Self-Retracting Lifelines
- Vertical Lifelines & Rope Grabs
- Secondary Protection Requirements
- Ladder Climbing Devices
- Structural Ascent
- Descent Control
- Instructor Rope Belay Techniques
- Self-Rescue
- Ladder Climbing System Rescue
- Energy Absorbing Lanyard Rescue
- Qualified use of two industry common rescue Systems
- Site Safety Evaluation
- Procedures for Maintaining Student Safety
- Procedures & Planning for Rescue Practical
- Predetermined Rescue Plans for Skills Practical
- Site-Specific Practical Skills Development
- Teaching/Presentation Workshop
- Program Administration & Documentation

"YOUR SAFETY CULTURE WILL NEVER BE THE SAME"