



ITAC FPS – FALL PROTECTION TRAINING COURSE OUTLINE

Course Title: **QUALIFIED PERSON TRAINING**

Location: Owner Site

Duration: 16 hours (2 Days)

Prerequisite: Completion of ITAC FPS Competent Person Training

Description: This course is intended for those whose job responsibilities require them to actively participate in the analysis and design of personal fall arrest systems and components. This is an interactive session with overhead/computer presentation, hands on application, trailer demonstration, and written knowledge test to facilitate the course objectives.

Content: Upon completion of the course, students will be able to recognize and mitigate fall hazards through a prescribed hierarchy of fall hazard controls. They will be appointed to Qualified Person status via a basic understanding of the following:

- ITAC FPS Competent Person Course content
- Regulatory definitions of the Qualified Person
- The Physics of a Fall
- Engineering Design Theory as it applies to the analysis and design of fall arrest systems – components, anchorages, horizontal lifelines, vertical lines, rigid rail systems
- Engineering “Rules of Thumb” for engineering application for anchorage/anchorage connectors and other various fall arrest system components
- Structural Analysis and Design of:
 - Certified Anchorage Points for the attachment of fall arrest systems
 - Vertical Lifelines and associated anchorages
 - Horizontal Lifelines and associated anchorages
 - Rigid Rail Systems and associated anchorages
- Proper Fall arrest system component selection
- Fall Protection System Testing
- Quantitative/Qualitative Risk Assessment

ITAC FPS will provide all fall protection equipment required for instruction; however, students are encouraged to bring their own personal fall arrest equipment to the course for use and demonstration.

A spiral bound course manual will be issued to each student.

Upon successful completion of the course, students will receive a laminated wallet-sized training card with applicable expiration date for retraining/recertification.