



Fall Arrest Qualified Person Training Program

FA1501QP



Program Length:

40 hours: 2 days of Advance Fall Arrest training, 3 days of HLL training

Who Should Attend:

Personnel responsible for overseeing the design, installation and inspection of Horizontal Lifeline, as well as those who design active fall arrest systems. The course takes a detailed look at several standards, CSA 259.13 HLL for designing systems, CSA 259.17 competent person and CSA 259.16/ANSI359.16 design standard for HLL.

General:

This training course is an intense fall protection program that encompasses the design of HLL. Participants learn about choosing the correct pieces, building the system, understanding the design and proper methods of inspection. By looking inside the energy absorber calculations, you'll learn to assess clearance based on user weight, and fall distance based on the average arrest force. Strong math background required to conduct HLL design theory, understand the installation requirements of temporary and permanent HLL systems.

Learning Style:

Course includes classroom theory, hands-on practical application and installation of several HLL systems to the specification of the design engineer. Highly interactive program with design theory calculations and calculation for energy-absorbing lanyards.

Discussion Topics:

- CSA/ANSI design requirements for HLL
- Design an HLL through formula calculations
- Install Temp HLL as per the engineer requirements
- Inspection of HLL and methods of reconfirming engineer design
- CSA 259.17 competent person requirements
- Detailed clearance calculation using H_{max} and X_{pea} equations
- HLL clearance calculations
- CSA 259.16 design standards
- Compatible components for HLL design
- Clearance calculation using leading-edge SRL

Class Size:

Maximum of 12 participants, no minimum requirement



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Outcomes:

Participants leave able to determine detailed clearances using an energy-absorbing lanyard and SRL. They will also be able to calculate HLL design to enable them to inspect and certify HLL for yearly inspections. Students are given a jump drive of detailed fall arrest information and picture ID wallet card confirming 40 hours of Qualified Person Training.

Contact Information:

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