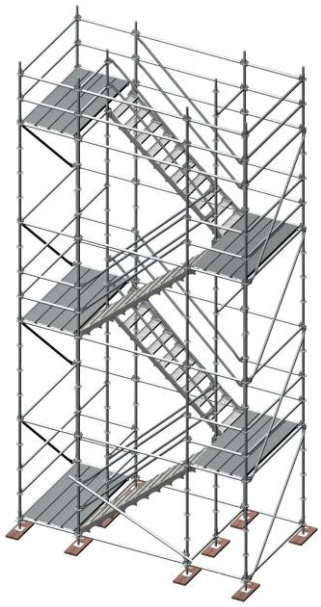
Scaffolding Erector Training
SA2704TS

Program Length:
Three days (24 hours)

Who Should Attend:
Personnel required to erect end frames and total system scaffolding systems. Safety professionals and managers wishing to understand the basic of scaffold installation and design.

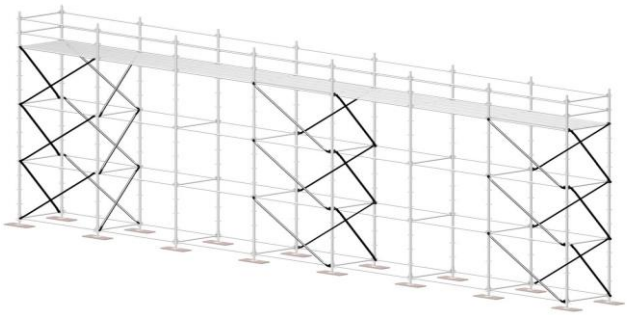
General:
The course is designed to section 9 of the CSA 797-09 Code of Practice for Access Scaffolding. Teaches the fundamentals of Total System Scaffolding (TSS) and End Frame (EF) through the erection and dismantling of scaffolding components. The course educates participants in the essential principles of basic design, assembly, and dismantling methods for safe scaffolding technique.



Our instructors have many years of scaffold training and building experience. They have worked at diverse locations across North America such as oil rigs, refineries, construction projects and power generating stations. The course is designed for employers to have a competent person trained to build and dismantle scaffolding to a CSA standard in multiple job site environments.

The course empowers participants to build scaffolding for specific imposed loads. It stresses the rules of the tie-in theory, and free-standing principles of scaffolding. Training includes practical skills of proper erection and dismantling techniques using TSS/EF scaffolds in a variety of locations. Participants are given a scenario to make a basic scaffold design. Prior to assembly, participants conduct a site hazard assessment. Instructors observe the participants throughout the entire process – from build to project completion and teardown. Participants build scaffolds using well-established principles, ensuring loading, outriggers, sidewall brackets and bracing requirements are adhered to throughout the erection phase. They also learn the techniques and principles needed to alter original designs to solve specific worksite problems, should they occur. All participants are required to use sound Fall Arrest Principles using double tethered lanyards during the erection and dismantling of the scaffolding

Learning Style:
The course begins with a 6-hour classroom session on scaffolding regulations and manufacturer specifications, supplemented with video and PowerPoint presentations. Participants are required to perform basic math during the class for platform loading. A calculator or device with simple calculator functions such as a smartphone or laptop will be useful. The rest of the course is hands-on, and participants build a variety of scaffolds.



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Discussion Topics:

Course teaching points are, but not limited to, the following:

- Provincial/State scaffolding regulations
- Safe use of Fall Arrest System
- CSA scaffolding requirements
- Manufacturer specifications for scaffolding
- Scaffold theory
- Application of TSS scaffold
- Limitations and advantages of TSS
- Basic design principles
- Tie-In theory and principles for scaffolding
- Scaffold loading
- Bracing fundamentals
- Outriggers
- Sidewall brackets
- 3 to 1 principle

Class Size:

Maximum 16 participants per training program, with a minimum of 8 for on-site training course.

Outcomes:

Trainees receive a USB stick which includes manufacturers' specifications of scaffolding data sheets and information on building procedures.

A wallet USB card which includes the information above and PDF certification as a scaffold erector.

Contact Information:

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