



The Scaffold Academy

System Access Fundamentals (SAFE) Erector INFORMATION SHEET

Who is this training intended for?

The **System Access Fundamentals (SAFE) Erector** course is a 5 day training program designed for non-scaffolders who require the **ADDED SKILL** to erect, inspect, modify and dismantle basic industrial “system” scaffolds for their own access and maintenance operations. This course is designed to comply with local provincial/territorial regulations and the national CSA Z797 and S269 Scaffolding Standards.

INTENDED FOR:

- Millwrights
- Welders
- Boilermakers
- Carpenters
- Mechanics
- Electricians
- All Supervisors

What are Industrial System Scaffolds?

System Scaffolds are by far the most common types of access structures on North American industrial worksites. They are utilized for their strength, flexibility and compatibility with tube & coupler components. Popular brands of system scaffolds are: EIW-Total System Scaffold, Safway SafLock, Aluma SureLock, Layher All-Round, AT-PAC Ringlock and Proscoff.

What are the learning outcomes?

Upon successful completion of both the theory and practical instruction, **SAFE Erector** trainees will be able to erect, inspect and modify industrial system access platforms UP TO 6 METERS in height and UP TO 50 PSF (MEDIUM DUTY) for their own operations with features including:

TYPICAL INDUSTRIES

- Mining Operations
- Refineries
- Utilities
- Manufacturing Plants
- Pulp & Paper Mills
- Shipyards

- Independent Scaffolds (3:1 Height to Base Ratio)
- Dependent Scaffolds featuring Basic Ties
- Cantilevered Scaffolds using System Brackets
- Scaffold Access Systems (Ladders, stairs, ramps, direct access, , emergency egress requirements, etc)
- Guardrail Fall Protection Systems
- Falling Object Protection & Prevention Systems
- Daily/Pre-shift Inspection of Same
- Post, Ledger, and Platform **LOAD CALCULATIONS** to establish a Duty Rating in accordance with manufacturer’s instructions
- Perform minor modification procedures with site approval (i.e. temporary removal of guardrail for access, adjusting bracing, etc.)