

PSPPM™

Process Safety Pressure Protection Manager™ General Admission Training

[siemens-energy.com/psppm](https://www.siemens-energy.com/psppm)



General Information

Length: 2 Days

Audience

This course is primarily intended for personnel who have the responsibility of maintaining and auditing the pressure relief system design basis documentation for OSHA 1910.119 compliance. The intended audience includes auditors, process engineers, technical managers, and project managers who will be using PSPPM.

Prerequisites

None

Profile

This 2-day course is designed to offer focused training, networking, and best practice exchange during an interactive experience with Process Safety Pressure Protection Manager™ (PSPPM™).

This course provides users of PSPPM with the skills and tools necessary to complete a pressure relief and flare analysis in PSPPM. The course covers navigation, data entry, scenario and global scenario identification and required rate calculations, relief devices sizing, disposal system component sizing, and report generation. This course will also discuss features and customization using the tools built into PSPPM.

Objectives

Upon completion of this course, the student shall be able to:

- Independently navigate PSPPM
- Complete data entry in PSPPM
- Complete scenario identification, and add a calculation method to applicable scenarios
- Size relief devices

Topics

1. General Approach to pressure relief system design
2. Navigation, interface conventions
3. Site-level information
4. Unit/Case level information
5. Data population
6. Equipment related calculations
7. Overpressure scenario identification
8. Required rate calculations
9. Relief device sizing
10. Low pressure tanks
11. Reporting
12. Flare/Case information
13. Relief header analysis overview
14. Global scenario analysis summary
15. Network model development
16. Using PSPPM with Visual Flare/Flare System Analyzer
17. Network equipment rating analysis
18. Evergreening

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