

## Relief System Design and Analysis Sample Agenda

### Day 1

Time	Topic
08:00 – 08:30	Registration
08:30 – 08:50	Introductions, course roadmap, and participation ground rules
08:50 – 09:15	Ice-breaker
09:15 – 09:45	Overview of applicable/available codes and standards
09:45 – 10:00	Break
10:00 – 11:00	Detailed instruction on types of pressure relief devices
11:00 – 11:45	Lunch
11:45 – 01:15	Detailed instruction on pressure relief device installation details
01:15 – 01:30	Break
01:30 – 02:30	Presentation and instruction on relief system design/analysis rubric
02:30 – 03:45	Information requirements and collection best practices to facilitate relief system design/analysis
03:45 – 04:00	Day 1 wrap-up and feedback

### Day 2

Time	Topic
08:30 – 09:00	Review of Day 1 material
09:00 – 09:45	Detailed instruction on identifying and validating overpressure contingencies
09:45 – 10:00	Break
10:00 – 11:15	Presentation of relief system design/analysis examples
11:15 – 12:00	Lunch
12:00 – 01:30	Detailed instruction on calculation of required relief rates
01:30 – 01:45	Break
01:45 – 03:45	Relief rate calculation exercise
03:45 – 04:00	Day 2 wrap-up and feedback

### Day 3

Time	Topic
08:30 – 09:00	Review of Day 2 material
09:00 – 10:00	Detailed instruction on relief device sizing and installation calculations/analysis
10:00 – 10:15	Break
10:15 – 11:30	Continued detailed instruction on relief device sizing and installation calculations/analysis
11:30 – 12:15	Lunch
12:15 – 01:45	Pressure relief device sizing exercise
01:45 – 02:00	Break
02:00 – 03:45	Overview of effluent handling systems and calculations
03:45 – 04:00	Day 3 wrap-up and feedback

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## Day 4

Time	Topic
08:30 – 09:00	Review of Day 3 material
09:00 – 10:00	Detailed instruction on effluent handling system analysis
10:00 – 10:15	Break
10:15 – 11:30	Effluent handling system assurance exercise
11:30 – 12:15	Lunch
12:15 – 01:45	Detailed instruction on how to resolve identified relief system concerns
01:45 – 02:30	Q&A for specific questions - hit us with your best shot!
02:30 – 02:45	Break
02:45 – 03:30	Overview of how relief system design/analysis fits in with other PSM elements, such as PSI, PHA, MI, and MOC
03:30 – 04:00	Wrap-up and course evaluation

\*This course is suggested for participants with an engineering background. Participants should be able to solve complex mathematical problems.

\*\*Each participant will receive a CCPS book related to the course objectives.