

# SuperChems Hands-on Training

January 11-13, 2012  
Houston, Texas

## AGENDA

### Wednesday, January 11, 2012

07:30 a.m. – 08:00 a.m.	Continental Breakfast
08:00 a.m. – 08:30 a.m.	<b>Introduction and SuperChems Overview</b>
08:30 a.m. – 09:30 a.m.	<b>SuperChems User Interface and Structure</b>
09:30 a.m. – 10:00 a.m.	<b><i>Tutorial 1: Relief Sizing for Steam</i></b>
10:00 a.m. – 10:15 a.m.	Break
10:15 a.m. – 10:45 a.m.	<b><i>Exercise 1: Repeat Tutorial 1</i></b>
10:45 a.m. – 11:15 a.m.	<b><i>Tutorial 2: Relief Piping System Design</i></b>
11:15 a.m. – 12:00 p.m.	<b><i>Exercise 2: Repeat Tutorial 2</i></b>
12:00 p.m. – 01:15 p.m.	Lunch
01:15 p.m. – 02:45 p.m.	<b><i>Exercise 3: Relief Sizing for External Fire – CCPS/API</i></b>
02:45 p.m. – 03:00 p.m.	Break
03:00 p.m. – 04:30 p.m.	<b><i>Exercise 4: Relief Sizing for External Fire – Dynamic</i></b>
04:30 p.m. – 05:00 p.m.	<b>Review, Question and Answer</b>
05:00 p.m.	Adjourn

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### Thursday, January 12, 2012

07:30 a.m. – 08:00 a.m.	Continental Breakfast
08:00 a.m. – 09:00 a.m.	<b>Exercise 5: Relief Piping System Design/Evaluation</b>
09:00 a.m. – 10:15 a.m.	<b>Summary of Common Models and Utilities</b>
10:15 a.m. – 10:30 a.m.	Break
10:30 a.m. – 12:00 p.m.	<b>VLE/Physical and Thermodynamic Property Utilities</b>
12:00 p.m. – 01:15 p.m.	Lunch
01:15 p.m. – 03:15 p.m.	<b>Exercise 6: Vent Sizing for Reactive Systems</b>
03:15 p.m. – 03:30 p.m.	Break
03:30 p.m. – 04:30 p.m.	<b>Output and Reporting Options</b>
04:30 p.m. – 05:00 p.m.	<b>Review, Question and Answer</b>
05:00 p.m.	Adjourn

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### Friday, January 13, 2012

07:30 a.m. – 08:00 a.m.	Continental Breakfast
08:00 a.m. – 09:15 a.m.	<b>Exercise 7: Toxic Dispersion Modeling</b>
09:15 a.m. – 10:30 a.m.	<b>Exercise 8: Flammable Dispersion Modeling</b>
10:30 a.m. – 10:45 a.m.	Break
10:15 a.m. – 12:00 p.m.	<b>Exercise 9: Header Evaluation</b>
12:00 p.m. – 01:15 p.m.	Lunch/Adjourn