

COURSE AGENDA

	Day 1	Day 2	Day 3	Day 4	Day 5
Morning	<p>Course Intro & Case Study Introduction</p> <p>Developing a Process Safety Culture</p> <p>Understanding Process Hazards</p> <p>Toxicity, Corrosivity, Reactive Hazards</p> <p>Process Hazard Case Study & Presentations</p>	<p>Active and Passive Mitigation Methods for Multiple Hazards</p> <p>Relief, Vent & Flare</p> <p>How to Evaluate Calculations</p> <p>Mechanical Integrity</p> <p>Elements of a Good MI Program</p> <p>MI Case Study & Presentations</p>	<p>MI – Inspection & Testing, Quality Assurance</p> <p>MI Risk Management Tools</p> <p>RBMI, Remaining Life, Fit for Service</p> <p>Utilizing Technology to Manage MI – Maximo, SAP</p> <p>MI Case Study & Presentations</p>	<p>Layers of Protection Analysis (LOPA)</p> <p>Establishing Risk Tolerance</p> <p>Conditional Modifiers,</p> <p>Performing LOPA Calculations</p> <p>LOPA Case Study & Presentations</p>	<p>Best Methods of Auditing</p> <p>International Process Safety: COMAH & Seveso</p> <p>Understanding Conduct of Operation & License to Operate</p> <p>Wrap Up, Course Closing, Evaluations & Resources</p>
Afternoon	<p>How to Read & Understand P&ID's</p> <p>Design Basis – What does it really mean?</p> <p>Advanced Selection of RAGAGEP</p> <p>Application Justification</p> <p>Design Basis and RAGAGEP</p> <p>Case Study & Presentations</p>	<p>Mechanical Integrity</p> <p>Understanding the June 2015 RAGAGEP Letter</p> <p>MI – Codes & Standards</p> <p>Managing Special Devices, SIL Level, Relief, Vent, Flare</p>	<p>Auditing MI Programs</p> <p>Process Hazard Analysis – Estimating Risk, Qualitative Analysis</p> <p>Facility Siting for PSM</p> <p>Process Hazard Analysis Case Study & Presentations</p>	<p>Managing the Risk: Operating Instructions, Safe Work Practices</p> <p>Managing the Risk: Contractor Management, Incident Investigation, EAP</p> <p>Managing the Risk: Management of Change</p> <p>Managing the Risk Case Study & Presentations</p>	