

## Piping and Vessel Isolation Syllabus

Course Title:	Piping and Vessel Isolation
Regulatory & Technical Reference:	OSHA standard 29CFR 1910.147 – The control of Hazardous Energy (lockout/tagout). ASME flange data.
Target Groups:	Workers requiring a basic knowledge of proper isolation techniques of piping and vessels.
Prerequisites:	None
Objective:	This training covers the proper isolation of process equipment and piping during: <ul style="list-style-type: none"><li>• Repair, service and maintenance in which unexpected release of hydrocarbons could occur.</li><li>• Situations where there is the potential for release of pressure that could cause injury to personnel.</li></ul>
Course Design:	Lecture and discussion covering regulatory requirements, industry best practices, pressure safety, PPE, job planning, double block and bleed concept, isolation equipment (blinds), and isolation procedures.
Completion Requirements:	Student must pass written closed book examination with a score of 70% or better.
Course Length:	1.5 hours
Class Size:	1-20