

LESER Training

Training on Maintenance of spring-loaded Safety Valves

Day 1

Time	Room	Topic
09:00 - 09:30	Training room	T09 - The Company LESER - The Company - Your entry into the world of LESER
09:30 - 10:30	Training room	T01 - Function of safety valves in the plant - Basics of overpressure protection with safety devices - Overpressure scenarios, terms, and definitions according to codes and standards
10:30 - 10:45		Coffee break
10:45 - 12:00	LESER Chatroom	T01 - Function of safety valves in the plant - Practical introduction to the parts on the safety valve - Function of spring-loaded safety valve
12:00 - 13:00	Cafeteria	Lunch break
13:00 - 13:45	Training room	T01 - Function of safety valves in the plant - Set pressure and cold differential test pressure - Back pressure - Inlet pressure loss
13:45 - 14:45	LESER Chatroom	T05 - Maintenance and repair of safety valves - Maintenance intervals - Function test in the plant - Information, instructions, and guidance on maintenance - Maintenance process - Workshops and necessary equipment - Troubleshooting and fixing - Web services: Spare part finder, Pressure Change and Certificates
14:45 - 15:00		Coffee break
15:00 - 16:00	LESER Chatroom	T06 - Maintenance of spring-loaded safety valves - Disassembly and cleaning of the parts - Spare parts ordering including spare parts kits - Rework disc and seat - Selection of the correct spring for pressure change
17:30 18:00 19:00		Pick up at the hotel Evening program (Elbphilharmonie or similar) Dinner at Restaurant

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Day 2

Time	Room	Topic
09:00 - 10:30	LESER Chatroom	T06 - Maintenance of spring-loaded safety valves - Assembly with torque consideration - Adjustment of the cold differential test pressure - Various tightness tests according to international standards
10:30 - 10:45		Coffee break
10:45 - 12:00	LESER Chatroom	Training module 03 - The safety valve for all industrial applications - The LESER product range and design features - High Performance - API - Compact Performance - Modulate Action - Critical Service - Clean Service - Additional options to adapt the safety valve to the plant conditions
12:00 - 13:00	Cafeteria	Lunch break
13:00 - 14:30	LESER Chatroom	T06.01 - Maintenance of Clean and Critical Service safety valves - Hygiene requirements - Disassembly and cleaning of the parts - Replacement of all soft sealings and the PTFE bellow
14:30 - 14:45		Coffee break
14:45 - 15:45	LESER Chatroom	T06.01 - Maintenance of Clean and Critical Service safety valves - Assembly with torque consideration - Assembly of additional equipment - Testing of Clean Service safety valve
15:45 - 16:00		Certificate issue and end of training

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Training on Maintenance of pilot-operated Safety Valves

Optional Day 3

Time	Room	Topic
09:00 - 09:30	Training Room	Training module 03 - The safety valve for all industrial applications - The LESER product range and design features - Pilot operated safety valves - Additional options to adapt the safety valve to the plant conditions
09:30 - 10:30	LESER Chatroom	T01 - Function of safety valves in the plant - Function of pilot operated safety valves
10:30 - 10:45		Coffee break
10:45 - 12:00	LESER Chatroom	T06.02 - Maintenance of pilot-operated safety valves - Detailed functional description of the pilot-operated safety valves - Additional equipment
12:00 - 13:00	Cafeteria	Lunch break
13:00 - 14:30	LESER Chatroom	T06.02 - Maintenance of pilot-operated safety valves - Disassembly and cleaning of the parts - Rework disc and seat - Replacement of soft sealings with the LESER spare part kits
15:00 - 15:15		Coffee break
14:45 - 15:45	LESER Chatroom	T06.02 - Maintenance of pilot-operated safety valves - Assembly with torque consideration - Testing of pilot-operated safety valves
15:45 - 16:00		Certificate issue and end of training