

LESER Live Online Training

Training on Safety Valve Sizing

Day 1

Time	Topic
09:00 - 10:30	T09 - The Company - The Company - Your entry into the world of LESER T01 - Function of safety valves in the plant - Practical introduction to the parts on the safety valve - Repetition of the technical basics
10:30 - 10:45	Coffee break
10:45 - 12:00	T07 - Sizing, selection and configuration based on overpressure scenarios - Basics of safety valve sizing - General procedure for sizing safety valves - Calculation formulas with required process and medium data - Introduction to the sizing program VALVESTAR - Simple case scenario for sizing, selection and configuration - Extension of the case scenario: - Inlet pressure loss in the supply line - Different types of back pressure in the outlet line
12:00 - 12:45	Lunch break
12:45 - 14:00	T07 - Sizing, selection and configuration based on overpressure scenarios - Factors influencing the coefficient of discharge - Noise emissions - Reaction forces - Practical case scenarios based on P&ID schemes - Comparison of the sizing formulas of the standards
14:00 - 14:15	Coffee break
14:15 - 16:15	T08 - Sizing based on special applications - Sizing of high viscous media - Sizing of the fire case - Sizing of the two-phase-flow - Sizing at the request of the participant
16:15 - 16:45	Clarification of open questions
17:00	End of training