

LEWA S2 Seminar - Maintenance and repair of metering pumps

The seminar is intended for personnel which has to install, assemble, commission, operate, maintain and repair LEWA metering pumps and offers the opportunity to be trained and informed exclusively on LEWA systems by LEWA employees



SEMINAR CONTENT

- Structure, evolution and characteristics of dosing pumps
- Technology of pump heads
- Technology of the drive units
- Fluid valves and applications
- Integration of the pump into the overall system
- Damage diagnostics
- Introduction to the operating manual
- Maintenance and repair work
- Engine assembly
- Combination of multiple pumps
- Assembly of diaphragm pump heads
- Change of diaphragm
- Assembly and adjustment of stroke actuators
- Commissioning and test run



OBJEKTIVES

- To know mechanically and hydraulically basics, which applies during operation of metering pumps
- Describe the evolution from plunger pump to diaphragm pump and behaviour in case of failures
- Technology of the drive units
- Know the functioning of diaphragm pump heads and how to assemble it referring to operating manual
- Integration of the pump into the overall system
- List the different types of fluid valves and their applications
- Damage diagnostics
- List four out of five failure impacts and name per impact two possible reasons and two possible correctives
- Introduction to the operating manual
- Be able to fulfil maintenance and repair tasks referring to operating manual
- Exchange of experience

