



## PROCESS RELIABILITY

### Equipment parts with safety function (safety valves)



Safety valves are essential in pipeline construction and other closed systems. To protect your plant against overpressure, our experts calculate and design safety valves according to your specifications.

We take care of the correct pressure limitation of the system or component to be protected and thus ensure the safe discharge of media in the event of malfunctions within the systems.

Our services:

- Calculation of the required size with regard to medium and mass flow/volume flow to be discharged according to regulations AD-2000 - A2, TRD 421, DIN EN ISO 4126-7, DIN EN ISO 4126-9
- Calculation of pressure loss in the supply line
- Counterpressure calculation in the exhaust pipe
- Calculation of reaction force, sound emission
- Selection/proposal of suitable safety technology with regard to opening characteristics (full-stroke SV, normal SV, proportional SV)
- Optimization or modification of the safety valve, e.g. back pressure compensating stainless steel bellows, vibration damper, stroke limitation, etc.
- Consulting regarding suitable derivation
- Procurement and registration with SV number, if applicable
- Quality assurance/goods receipt inspection
- Documentation (certificate of registration, material verification, calculation result)
- TÜV approval

For further information click on the following link: <https://www.leser.com/de-de/dienstleistungen/basiswissen-sicherheitsventile/?selected=Dienstleistungen>

### Your experts

Get in touch with us - we will be happy to advise you.

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