

Fluid System Components Ammonia

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Ammonia – Basics

- Characteristics of ammonia
- Gas purity
- Ammonia, gaseous
- Ammonia, liquid
- Hazards associated with the use of ammonia

Ammonia Generation, Storage, Transport and Applications

- Ammonia production
- Ammonia storage (gaseous / liquid)
- Storage medium for hydrogen
- Chemical industry - Fertilizer
- Ammonia as a fuel
- Exhaust gas cleaning
- Refrigeration systems
- Rules and regulations

Fluid System Components in Ammonia Plants (gaseous/liquid)

- Material requirements
- Sealing materials
- Cleaning and lubricants
- Requirements for pipes, fittings, threads and flanges
- Dimensioning of pipelines
- Calculation and sizing of valves and pressure regulators
- Permissible flow velocities

Fluid system components

- Check valves – Filters – Pressure transducers – Sensors
Control valves – Coaxial valves – Butterfly valves – Safety valves

Technically Permanently Leak Proof Fluid System Components