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GAUGES SUITABLE FOR AMMONIA APPLICATIONS

PIP #: ASH-PI-52

Applicable to:
Pressure Gauges

Ammonia is a common refrigerant used in many commercial installations. It is also used as a fertilizer in the form of a gas or water solution. When using a gauge to measure pressure in an ammonia application, it is critical that the wetted parts of the gauge are compatible with the process.

Proper selection of wetted parts is especially important since ammonia is poisonous! OSHA/NIOSH lists 500ppm as immediately dangerous to life and health. The only acceptable wetted parts material for gauges used in ammonia applications are stainless steel or steel.

A gauge with bronze/brass wetted parts is not suitable for ammonia applications since ammonia may cause the bronze/brass wetted parts to stress-crack and cause a gauge failure.

Ashcroft offers a variety of gauges suitable for ammonia applications. When ordering a gauge for ammonia service, the wetted parts of choice are 316 SS.

All specifications are subject to change without notice.
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ashcroft.com
info@ ashcroft.com
1.800.328.8258