



## SAFETY IN HYDROGEN APPLICATIONS



**Boehmer Ball Valves** have been used in 100% hydrogen applications for 20+ years. The first company in the world tested for service in hydrogen and with a signed TÜV test report, Boehmer's forged body and fully welded design deliver superior reliability and tight shut-off.

**Goetze Safety Valves** can be used in hydrogen applications up to 21,756 psi and are installed in hydrogen refueling stations around the world.



Tested and proven for up to 100% hydrogen content, the **VRG Red Ox Regulator** is zero steady state emissions capable. Fully "hydrogen-ready" version with 316SS metallurgy available.



**SchuF Cryogenic Globe Valves** are utilized in liquid and green hydrogen applications. The integral seat and self-aligning disc ensure bubble-tight shut-off and extended seal life while the back-seat sealing design prevents moisture and impurities from leeching into the packing.



We can source or supply custom valve solutions to meet your specific requirements.

Contact: [sales@armourvalve.com](mailto:sales@armourvalve.com)

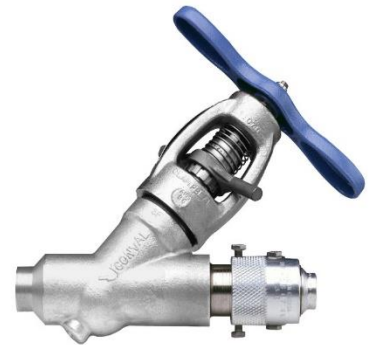


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**Conval Globe Valves** have been installed in Hydrogen applications for 15+ years. Valves meet or exceed all known standards for fugitive emissions, are in-line repairable and designed for ease of service and operation.

**Conval SaVD** – A safe, environmentally friendly venting and draining of hydrogen piping systems. Requires only one installation weld and is easy to maintain in-line.



**OS&B Industrial** HP double and triple offset butterfly valves and ball valves are available for hydrogen and hydrogen peroxide service. Adjustable stem packing affords easy access to the gland bolts without removing the operator.

**Hora Gas Valves** are hydrogen ready! Plug-in arrangement of the inner trim saves maintenance time and costs. Hybrid seat gasket enhances the functional safety of actuators.

