

Application Bulletin

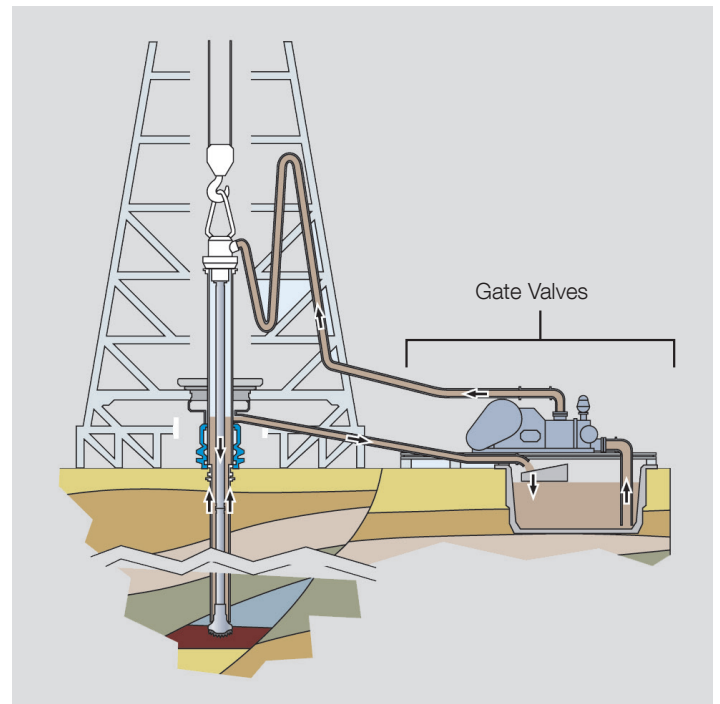
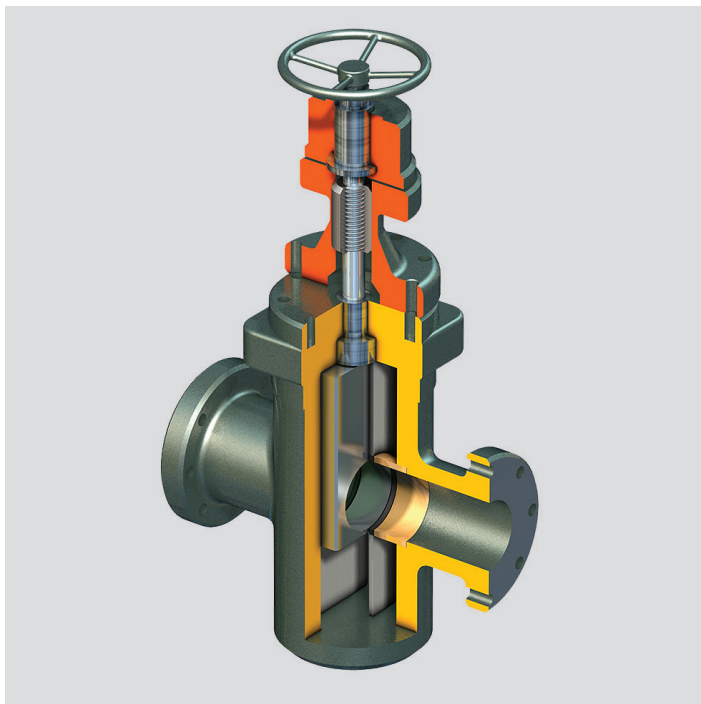
Oil & Gas Transport – Gate Valves

Gate valves are extensively used in the oil and gas industry for flow diversion and safety applications. The high flatness ensures a tight, leakproof fit between the gate and seat for high pressure applications. Gate valves are subject to galling, abrasion and erosion in service that can result leakage or faulty actuation.

The Oerlikon Metco Solution

Protect gates and seats from galling, corrosion and wear with Oerlikon Metco HVOF materials and application equipment.

- Ensure smooth valve actuation, even after long periods of inactivity
- Ensure valve safety and integrity
- Maintain precision gate-seat fit, preventing unintentional valve leakage



Recommended Oerlikon Metco Products

WOKA 3652	High galling, wear and corrosion protection on gates applied using HVOF-LF
WOKA 7203	High galling, wear and corrosion protection on seats applied using HVOF-GF
WOKA 7202	High galling, wear and corrosion protection on seats applied using HVOF-LF
HVOF Systems	HVOF gas and liquid fuel thermal spray application systems

More Information

DSM-0221
DSM-0240
DSM-0240
HVOF Solutions

Information is subject to change without prior notice.