

Oil & Gas Topside

It can be lonely out there. Corrosive environments, weight and space constraints, mercurial weather, transport problems and high cost – all of it demands extreme reliability.



SAVINGS

300 miles offshore, every ounce and inch make a difference. Our efficient top-entry valves with integral hub ends saved 100 tons and over \$460k.

CORNERSTONE PRODUCTS FOR OIL & GAS TOPSIDE

Top Entry Ball Valves
Top Entry Swing Check Valves
End Entry Ball Valves
Rotary Control Valves / Chokes

CASE STUDY

Cornerstone Valve encouraged a major oil and gas producer to use top-entry, in-line serviceable valves with integral hub ends. Planning space for internal parts removal and reinstallation saved an entire service level in the major skids, and installing 140+ high pressure valves saved more than 100 tons. In a budget that floats each pound at \$2.30, **total savings exceeded \$460,000.**

Marine Environment

Frequent replacement costs are unacceptable offshore. For protection in salt water and salt air, valve internal sealing surfaces are overlaid with a corrosion resistant alloy – available on any Cornerstone product.

Weight and Space

Hub end connections reduce overall weight. Non-flanged ends give a shorter face-to-face, requiring less space.

Reliability

Valves installed on platforms are tested to API 6A and 6D, with multiple holding times for pressure envelopes and multiple seat tests at full differential pressure on each seat. Cornerstone engineers its valves to exceed these standards.

Serviceability

Our top-entry trunnion mounted design is serviceable in-line: all internal components can be serviced without removing the valve from the line, saving hours of production downtime.



Top Entry 1 Piece,
Model TE-1

**Oil & Gas
Topside**