

Isolation Valves Critical

to Upgrading Tar Sands

CASE STUDY

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Used in the upgrading of tar sands, this 18-inch, ASME 1500 Class isolation valve achieves positive isolation within 61 seconds. Previously used globe valves under the same conditions took hours, even shifts, to close.

MOGAS metal-seated ball valves have improved isolation service in some of the toughest applications within Upgrading.

MOGAS automated ball valves have been installed where previous manual operated, globe valves were used to isolate high pressure letdown control valves. The heavy coking service prevented the globe valves from being able to isolate.

Without the ability to completely isolate the line, the customer was unable to repair the control valves on-line causing the unit to be depressurized and shutdown. In today's environment, the lost production costs are excessive.

Additionally, the build-up required extreme force to seat the valve. Such brute force put operators at risk for strain injuries and took hours, even shifts, to close. In contrast, MOGAS automated ball valves offer a quick multi-second operation (18 -inch, ASME 1500 Class) providing positive isolation at each cycle.

MOGAS Installations

Syncrude
Shell Canada
Husky Oil
Suncor
OPTI Canada