

MOGAS SC-3PC and FlexStream® solutions deliver seal-tight isolation and precision control in oxygen-handling applications.

Severe Service: Handle with Care

Reactions within the gasification unit's gasifier require high temperatures, high pressures and an oxygen-starved atmosphere. Due to the volatile nature of pure oxygen, valves used to regulate the amount of oxygen sent to the gasifier must perform reliably.

Valve Characteristics

- Rapid open and close travel time (approximately 1-5 seconds)
- Always reliable shutoff and sealing capability
- Contaminant-free surfaces
- Spark-free environment
- High-value exotic alloys

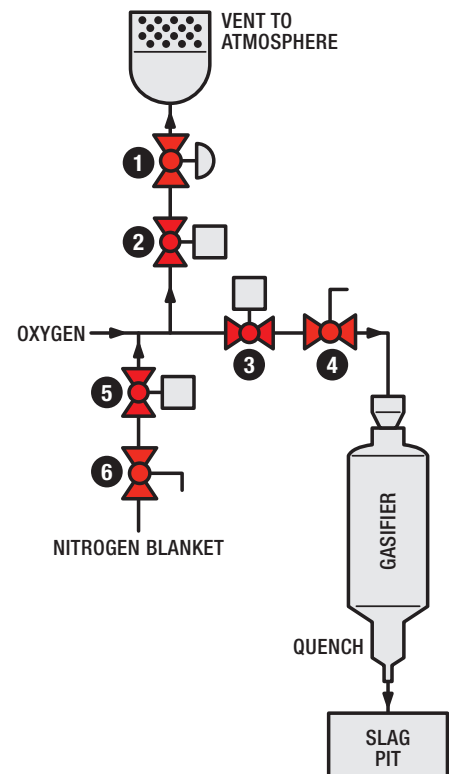
Inline Repairable Valve with Fewer Leak Points

The MOGAS SC-3PC three-piece valve consists of two end connects and a removable body assembly that contains all major valve components. Whether seat testing, oxygen cleaning or pressurization to code, the SC-3PC removable body assembly makes it possible to test major valve components without compromising existing end-piece welding. The SC-3PC design minimizes the number of potential leak points, making the valve ideal for use in applications where tight, reliable sealing is critical.

FlexStream Rotary Control Technology

The MOGAS FlexStream family of rotary control valve technologies delivers reliable pressure control in high-pressure differential applications. With its compact design, FlexStream technology delivers unique and reliable emergency depressurization at a lower cost (per Cv) than traditional control valves.

Oxygen Handling



Oxygen service valves require special alloys, quick open / close capability and cleanliness.

Valve Specification

Valve Number	Valve Description
1	Oxygen Depressurizing Isolation
2	Oxygen Depressurizing Valve
3	Oxygen EBV
4	Oxygen Root Valve
5	Nitrogen Isolation
6	Nitrogen Root Valve