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All valves shall be a Model KGO-CST O-Port Gate Valves as manufactured by DeZURIK, Inc. or approved equal.

Valve shall be the bonnetless o-port gate style.

Gate shall be o-port design with machined and finished gate faces and edges.

Body shall be a one piece casting of type 316 stainless steel. Valve body shall be rated to 150 psi CWP. Valve inside port diameter shall be equal to ASME B36.10 standard pipe inside diameter for both metal and resilient seated valves. Valve body shall have purges in the chest and lower valve body.

Packing system shall consist of multiple layers of packing. The selected packing system shall be for \_\_\_\_\_ service. The packing gland shall match the valve body material. The fasteners shall be stainless steel.

Seat shall be \_\_\_\_\_ (resilient) (metal) seated. Resilient seated valves shall provide drip-tight shutoff. Resilient seat material shall be \_\_\_\_\_ (specify) suitable for use with \_\_\_\_\_ (specify flowing media and temperature). Metal and resilient seats shall be replaceable.

Face-to-face dimension shall meet MSS SP-81 for knife gate valves.

Cold Working Pressure valve rating shall meet or exceed MSS SP-81. Valves shall be 150 psi (1035 kPa).

Flange drilling shall be in accordance with ASME B16.5 Class 150.

Actuation Valves shall have \_\_\_\_\_ (handwheel) (cylinder) (electric motor) actuators. Actuator yoke shall be 304 cast stainless steel. Cylinder actuators shall be sized to operate with \_\_\_\_\_ psi (kPa) cylinder pressure at a maximum shutoff pressure of 150 psi (1035 kPa).

All valves shall have a 2-Year Manufacturer's Warranty.