



VALVE OPERATORS

⋈

AIR OPERATOR FOR VALVE

⋈

HANDWHEEL FOR VALVE

⋈

ELECTRIC MOTOR OPERATOR FOR VALVE

⋈

SOLENOID OPERATOR FOR VALVE

⋈

POWER SAFETY ATTACHMENT FOR VALVE

⋈

PRESSURE CONTROL FOR VALVE

⋈

PRESSURE OF SAFETY RELIEF FOR VALVE

⋈

MOTOR OPERATOR FOR VALVE

⋈

EXPLOSIVE VALVE

⋈

HYDRAULIC OPERATOR FOR VALVE

⋈

ELECTRIC/HYDRAULIC OPERATOR FOR VALVE

⋈

FLOAT OPERATOR FOR VALVE

⋈

POST INDICATOR OPERATOR FOR VALVE

⋈

AIR MANIFOLD FOR VALVE

VALVES

⋈

AIR RELEASE CHECK VALVE

⋈

SPRING LOADED CHECK VALVE

⋈

AIR RELEASE VALVE

⋈

WEIGHTED CHECK VALVE

⋈

FLAPPER VALVE

⋈

OPEN FOUR WAY VALVE

⋈

CLOSED FOUR WAY VALVE

⋈

ONE SIDE CLOSED FOUR WAY VALVE

⋈

BOTH SIDES CLOSED FOUR WAY VALVE

⋈

MODULATING AUTO RECIRCULATION VALVE

⋈

VALVE STEM LEAKOFF

⋈

GLAND STEM LEAKOFF

⋈

BELLOWS SEALED STEM FOR ANGLE VALVE

⋈

BELLOWS SEALED STEM FOR A VALVE

⋈

OPEN ANGLE VALVE

⋈

CLOSED ANGLE VALVE

⋈

RELIEF VALVE

⋈

OPEN GLOBE VALVE

⋈

CLOSED GLOBE VALVE

⋈

OPEN BALL VALVE

⋈

CLOSED BALL VALVE

⋈

OPEN DIAPHRAGM VALVE

⋈

CLOSED DIAPHRAGM VALVE

⋈

OPEN PLUG COCK

⋈

CLOSED PLUG COCK

⋈

LOADED NONRETURN VALVE

⋈

CHECK VALVE

⋈

STOP CHECK VALVE

⋈

OPEN GATE VALVE

⋈

CLOSED GATE VALVE

⋈

OPEN NEEDLE VALVE

⋈

CLOSED NEEDLE VALVE

VALVES (CONT.)

⋈

OPEN THREE WAY VALVE

⋈

CLOSED THREE WAY VALVE

⋈

LOWER CLOSED ON THREE WAY VALVE

⋈

ONE SIDE CLOSED ON THREE WAY VALVE

⋈

OPEN BUTTERFLY VALVE

⋈

CLOSED BUTTERFLY VALVE

⋈

2-WAY OPEN SOLENOID VALVE

⋈

2-WAY CLOSED SOLENOID VALVE

⋈

3-WAY OPEN SOLENOID VALVE

⋈

3-WAY VENTED SOLENOID VALVE

⋈

3-WAY VENTED SOLENOID VALVE WITH LEVER

⋈

4-WAY DE-ENERGIZED SOLENOID VALVE

⋈

4-WAY ENERGIZED SOLENOID VALVE

⋈

PRESSURE REGULATOR

⋈

CAPILLARY SIGNAL PATTERN

⋈

AIR SIGNAL PATTERN

⋈

EXAMPLE OF A DOTTED (OUT-OF-FUNCTION) THRU HEAT EXCHANGER. OUT-OF-FUNCTION SYMBOLOGY IS USED TO AID IN IDENTIFYING WHEN THE SAME COMPONENT APPEARS ON A SUPPORTING SYSTEM VOND.

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OIL LUBRICATOR

Depicted LR Systems:

LR Drawing 2-00-2 Rev. 2

Drawing Symbol Legend

FENOC

FirstEnergy Nuclear Operating Company