

VALVES

- 2-WAY VALVE STRAIGHT TYPE, GENERAL
- 2-WAY, ANGLE TYPE, GENERAL
- 3-WAY VALVE, GENERAL
- 4-WAY VALVE, GENERAL
- VALVE WITH INTEGRAL BYPASS VALVE
- 3-WAY VALVE, L-BORE
- 3-WAY VALVE, T-BORE
- 4-WAY VALVE, L-BORE
- 4-WAY VALVE, T-BORE
- 4-WAY VALVE, DOUBLE L-BORE
- VALVE, GLOBE TYPE
- VALVE, BALL VALVE
- VALVE, PLUG TYPE
- VALVE, GATE TYPE
- VALVE, NEEDLE TYPE
- VALVE, PISTON OR PLUNGER TYPE
- VALVE, DIAPHRAGM
- VALVE, HOSE TYPE
- VALVE, BUTTERFLY TYPE
- VALVE, NON-RETURN TYPE
- DAMPER, MULTI LEAF, LOUVRE TYPE
- DAMPER, GENERAL
- ROTARY VANE FEEDER
- DAMPER, MANUALLY OPERATED BY TURNING
- DAMPER, CYLINDER OPERATED
- DAMPER, ELECTRICAL OPERATED
- DIVERTER GATE, CYLINDER OPERATED
- DIVERTER GATE, ELECTRICALLY OPERATED
- BREATHER VALVE

FITTING TYPE

- FLANGED
- THREADED
- WELDED

VALVE POSITION

- INDICATION OF VALVE NORMALLY CLOSED
- INDICATION OF VALVE NORMALLY OPENED

ACTUATORS FOR ON/OFF & CONTROL VALVES

- MANUAL ACTUATOR
- VALVE LOCKING DEVICE
- WEIGHT ACTUATOR
- FLUID LEVEL ACTUATOR
- SPRING ACTUATOR
- DIAPHRAGM ACTUATOR, SINGLE ACTING
- DIAPHRAGM ACTUATOR, DOUBLE ACTING
- ELECTROMAGNETIC ACTUATOR
- ELECTRICAL MOTOR ACTUATOR
- CYLINDER ACTUATOR, LINEAR OR ROTATING
- FAIL OPEN
- FAIL CLOSE
- FAIL STAY
- QUICK OPENING
- QUICK CLOSING
- HYDRAULIC CYLINDER
- KEY

CONTROL/SAFETY ON/OFF VALVES

- RUPTURE DISC
- CONTROL VALVE
- SELF-OPERATING BACK-PRESSURE CONTROL VALVE
- SELF-OPERATING PRESSURE REDUCING CONTROL VALVE
- SAFETY VALVE, SPRING LOADED, ANGLE TYPE
- BREATHER VALVE WITH SAFETY FUNCTION

INSPECTION

- SIGHT GLASS
- SIGHT GLASS, ILLUMINATED
- SIGHT GLASS WITH WIPER
- NOTE 1 MH = MANHOLE / HATCH
IH = INSPECTION HOLE / HATCH
- ORIFICE PLATE BETWEEN FLANGES
- CAMERA

INLINE EQUIPMENT & ACCESSORIES SYMBOLS

- AIR INLET OR OUTLET GRILL
- VENT
- SILENCER
- DRAIN, FUNNEL
- SCREEN, STRAINER, GENERAL
- DRAIN PAN
- CARTRIDGE FILTER, BAG FILTER GENERAL
- REDUCER
- FILTER
- LOCAL TANK/SILO VENT
- SCREEN, STRAINER, WITH PIT FOR DRAINING
- BUG SCREEN
- ION EXCHANGE
- HOSE REEL
- STEAM TRAP
- FLAME ARRESTER
- AIR RELEASE VALVE
- STEAM TRAP REFERENCE
- FLEXIBLE HOSE
- FLEXIBLE HOSE, SCREWED
- FLEXIBLE HOSE, QUICK RELEASE
- FLEXIBLE HOSE, FLANGED
- THREADED END
- END CAP THREADED
- COMPENSATOR
- SWING BLIND CLOSED
- SWING BLIND OPEN
- FLANGE PAIR
- END CAP
- BLIND FLANGE
- QUICK RELEASE
- QUICK RELEASE AUTOMATIC CLOSING
- INJECTION LANCE

NOTES

NOTE 1: ON P&ID IH MEANS INSPECTION HOLE AND MH MEANS MANHOLE

GENERAL NOTES

-THE SYMBOLS IN THIS P&ID LEGEND FOLLOW THE STANDARDS
BS ISO 14084-2:2015 AND BS ISO 15519-2:2015

2	GENERAL UPDATE BASED ON PID LEGEND 7_IP	10/04/24	WLA	RPI	RPI
1	GENERAL UPDATE	10/06/11	MDM	BR	BR
0	FIRST ISSUE	24/12/06	MDM	HDM	BR
REV.	DESCRIPTION OF MODIFICATION				
	SYMBOL	TOLERANCES TO BE COMPLIED WITH, EXCEPT WHEN INDICATED DIFFERENTLY		DATE	DRAWN CHECK APPR.
		GENERAL		WELDED CONSTRUCTION	
		According ISO 2768-1		According ISO 13920	
		Accuracy grade : m		Accuracy grade : B	
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KSEBCS					
ENGINEERING STANDARD					
PIPEING & INSTRUMENTATION DIAGRAM					
LEGEND					
VALVES & ACCESSORIES SYMBOLS					
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