

<b>instrumentation portal.com</b>	INSPECTION & TEST RECORD <b>INSTRUMENT CALIBRATION</b> (CONTROL VALVE)		Project No:			
			Project Name:			
			Document No:			
1	Tag Number:		System:			
2						
3	Manufacturer:		Data Sheet No:			
4						
5	Model Number:		P&ID No:			
6						
7	Range:	Eng Unit:	Layout Drawing No:			
8						
9						
10	<b>ITEMS</b>			<b>OK</b>	<b>N/A</b>	<b>PUNCH ITEM</b>
11						
12	<b>INSPECTION CHECKLIST</b>					
13	Check Instrument tagplate details against data sheet					
14	Check Instrument has no physical damage					
15	Check no water ingress/condensation					
16	<b>CALIBRATION</b>					
17	Operate the valve by stroking 0, 25, 50, 75, 100, 75, 50, 25% of travel					
18	Check valve fail position against instrument data sheet by removing electrical signal					
19						
20	Check valve fail position by isolating instrument air/hydraulics source to valve					
21	Check control valve accessories for condition and correct operation such as positioner, limit switch, air filter regulator, solenoid valve, etc					
22						
23						
24	Valve supply pressure		Bench set pressure			
25						
26	Positioner or I/P transducer supply pressure		Valve travel			
27						
28	Test medium		Electrical Power Supply			
29						
30	Fail Close/Fail Open		Fail position time			
31						
32	Accessories operation		Positioner			
33			Air Filter Regulator			
34			Limit Switch			
35			Solenoid Valve			
36	Others					
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
		Completed By	Witnessed By		Accepted By	
Name						
Sign						
Date						