Actuation Valve
Specification sheet

Actuation_Valve_SPEC_R0 8/2/2016

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GENERAL

1 Item Number:
2 Tag Number:
3 Vessel, Line, or Equipment No.
4 Number Required:
5 Service Description:
6 Area:
7 P&ID No.
8 TVS P/N

SERVICE CONDITIONS

8 Fluid and State:

9 Different Cases:	MIN	NORMAL	MAX
10 Oper. Temper. Units °F:			
11 Oper. Press Units, psig:			
12 Max Shut-off diff. pr& units psig:			
13 Operating Flow Qty. & Units			

14 Back Pressure ☐ variable constant
15 Set Pressure ☐ PSI
16 Molecular Weight: Spec. Grav ☐ Density ☐ lb./ft^3
17 Viscosity @flowing Temp & Units: cP
18 Pipe Size & Material: Sched. ☐ Thickn. ☐
19 Installation: Buried ☐ Above ☐ Other:
20 Run of Pipe: Horizontal ☐ Vertical ☐ Other:

VALVE

21 New ☐ Type:
22 Manufacturer & Model No.:
23 Body: Lugged ☐ Wafer ☐ Other ☐
24 Process Conn. Size/ type: Press Rating:
25 Seat Leakage Class:
26 Running Torque & Units:
27 Breaking Torque & Units.
28 Frequency of Operation / Duty Cycle:
29 Valve Characteristics:
30 Other:

MATERIALS, VALVE & TRIM

31 Body:
32 Disc:
33 Stem: Packing:
34 Seat Ring: Stellited: Yes ☐ No ☐
35 Seat: Stellited: Yes ☐ No ☐
36 Seals:
37 Other:

ACTUATOR (GENERAL)

38 **Type:** Pneumatic: ☐
39 Spring Return: ☐
40
41 Manufacturer & Model No. Scotch Yoke
42 Orientation (Piping and valve Stem):
43 Connections : Actuator/ Body: If special design
44 Actuator/ Valve Stem: is required
45 Torque @ min/max supply: TVS
46 Thrust @ min/max supply: TVS
47 Valve Opening Time: Closing Time:
48 Failure On: Loss of Control Signal:
49 Loss of Pneumatic: ☐ Signal:
50
51

MATERIALS, ACTUATOR

53
54
55 Protective Coating: Yes ☐ No ☐
56 Painting Specs.:
57 Others:

PNEUMATIC ACTUATOR N/A ☐

58 Supply Medium:
59 Supply Pressure min/norm/max: / / psig
60 Control Signal: Pneumatic: ☐
61
62
63
64
65 Connections: Supply:
66 Others:

Future Use TVS N/A ☒

67
68
69
70
71
72
73

LIMIT SWITCHES / INDICATOR N/A ☐

74 No. of Switches: Actuation pts.: open/cl
75 Tag Number: Type:
76 Manufacturer & Model No. :
77 Working voltage range: Contact Configuration:
78 Contact rating: Contact Material:
79 Electrical Conn Size.: Type:
80 Enclos. Protection: Type:
81 Material housing: Protective Coating:

n/a ☐ SOLENOID ☐ PRESSURE SWITCH ☐ PILOT ☐

82 Tag Number: Type:
83 Manufacturer & Model No.:
84 Voltage: AC ☐ DC ☐ Other:
85 Size Body/Parts: Material Body:
86 Electrical Conn Size.: Type:
87 Enclos. Protection: Type:
88 Material housing: Protective Coating:
89 Manual Reset : Valve ☐ Remote ☐ Both ☐

MISCELLANEOUS

90 Accumulator Unit: Yes ☐ No ☐
91 Regulator: Yes ☐ No ☐
92 Position Transmitter: Yes ☐ No ☐
93 Field Test Port: Yes ☐ No ☐
94 Speed Regulator: Yes ☐ No ☐
95 Filter: (0,1,2) Yes ☐ No ☐
96 Pilot: (Single / Dual) Single ☐ Dual ☐
97 Custom Tag Type:
98 Other:

	Revision	Date	By	Checked	Lead Appv.	Project Manager	Client Appv.	Revision Description