



## Valve Actuation Questionnaire Checklist

Contact Name: \_\_\_\_\_ Company Name: \_\_\_\_\_

Date \_\_\_\_\_ Phone # \_\_\_\_\_ Fax # \_\_\_\_\_ Email \_\_\_\_\_

Project Name: \_\_\_\_\_

### Butterfly Valves

System Media & Pressure \_\_\_\_\_

System Temperature \_\_\_\_\_

Quantity \_\_\_\_\_ Size \_\_\_\_\_

**Type:**

5101     5102     5103     5104

**Seat Material:**

silicone     EPDM     Viton®

**End Connections:**

clamp     butt weld     sched. 5     fem. I-line  
 male I-line     John Perry thd     John Perry plain  
 150 # flg     comp ftg     plain bevel     thd bevel  
 Q-line     fem. NPT male NPT

### Pneumatic Actuation

**Operation:**

double acting     spring return (fail close)  
 spring return (fail open)

**Rotation:**

90°     180°     80     60     other

**System Pressure (PSI):**

**Type:**

rack & pinion     vertical canister  
 horizontal canister

**Material:**

aluminum     nickel plated  
 stainless steel

**Positioner:**

pneumatic (3-15 PSI)     electro-pneumatic (4-20mA)

**Gauges:**

0-30     0-160     0-160     0-160  
 full set

**Feedback:**

mechanical     prox  
 4-20 mA     4-20 mA & mech (2)

**Limit Switches:**

SPDT     SPST     DPDT  
 mechanical     proximity  
 2 position     3 position (no feedback)     3 position (feedback)  
 4-20mA transmitter     4-20mA transmitter & mech (2)

**Visual Indicator:**

flat pointer     dome open/close     dome 3-way L  
 dome 3-way T     dome 4-way L  
 dome 4-way T

**NEMA rating:**  4/4x     7/9

**Solenoid:**

3 way     4 way     single coil     dual coil

**Voltage:**

12VDC     24VDC  
 24VAC     110VAC     220VAC

**NEMA rating:**  4/4x     7/9

### Ball Valves

System Media & Pressure \_\_\_\_\_

System Temperature \_\_\_\_\_

Quantity \_\_\_\_\_ Size \_\_\_\_\_

**Type:**

2 way     3 way T     3 way L     4 way double L  
 4 way T     4 way L flow conf. \_\_\_\_\_

**Construction:**

sanitary     industrial

**Body Material:**

stainless steel     brass

**Seat Design:**

PTFE     UHMW     15% glass  
 25% carbon     50% stainless

**End Connections:**

clamp     butt weld     sched. 5     fem. I-line  
 male I-line     John Perry thd     John Perry plain  
 150 # flg     comp ftg     plain bevel     thd bevel  
 Q-line     fem. NPT male NPT

### Electric Actuation

**Operation:**

2 position     spring return (fail close)  
 spring return (fail open)     modulating controller board

**Board Signal:**

1-5V     2-10V     4-20mA

**Power Supply:**

12VDC     24VDC     24VAC     110VAC  
 220VAC 3 phase     440VAC 3 phase

**NEMA rating:**  4/4x     7/9

**Manual Override:**

Yes     No

**Accessories:**

2 extra switches     heater (standard)  
 potentiometer     current position transmitter  
 torque switches     local control unit  
 battery backup

Please attach any additional specifications or information,  
 \_\_\_\_\_ # of pages.

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