Satterlund Supply Actuation Questionnaire

Valve Selection:

Do you require a ball valve or butterfly valve? _____

What is the pipe size of your valve?_____

What type of valve material do you require
(Circle one)
Brass
Carbon Steel
Stainless steel
PVC
CPVC
Other alloys_____

What type of valve connection type do you require? (Circle one)
Threaded
Solder
Socket weld
Flanged
Butt weld
Sanitary connection
Other_____

Is Media Wet or Dry? (Wet or Dry)

_____

Type of Media:
_____

What is the media flowing through the valve? (Circle one)
      Liquid, clean particle free
      Liquid, dirty, slurry, raw water
      Liquid, black liquor, lime slurry
      Liquid, oil, lubricating
      Other:

Max media pressure(psig)**:**
_____

Max media Temperature (F°)**:**
_____

For Butterfly valves only:

What type of seat material do you require?
_____

What type of disc material do you require?
_____

Actuator Selection:

Is the Actuator Pneumatic or Electric?_____

Do you require an all stainless steel actuator? (Yes or no)

_____

What is the ambient air temperature around the actuator?(F°)

_____

How often does the actuator cycle? (Circle one)
Once per day (or more)
Once per week
Once per month
Less than once per month

Fill out if pneumatic (only for air actuators)

Spring return or Double acting?_____
If spring return is it fail to open or closed? _____

What is the available air supply pressure to the actuator? (in psig)_____

Do you require a solenoid valve? (Yes or no)_____

What voltage do you require on the solenoid valve_____

Do you require a limit switch? (Yes or no)_____

Do you require a positioner?(yes or no)_____
Do you require an electro-pneumatic or pneumatic positioner?_____

Fill out if electric (only for electric actuators)

Does the time from full open to full closed matter?(Yes or No) _____
(If yes above please list speed of operation in seconds)_____

Is a NEMA rated enclosure required?(Yes or No) _____

Voltage required (Circle one)
12VDC
24VDC
24VAC
115 VAC (110/120)
220 vac 1 Phase (220/230)
220 vac 3 Phase (220/230)
460 vac 3 Phase (440/460)

Is a limit switch required? (Yes or no)_____

Do you require a battery backup? (Yes or No)_____