



Engineering & Manufacturing Co., Inc.

VALVES
VALVE APPLICATION QUESTIONS

Date: Prepared by:

Section 1: Customer Information

Customer: Country: State / Province:
Site: Phone: Fax:
Contact: Email:

Section 2: Service Information

Industry: Ambient temperature: Environmental exposure:

Service type / use:
Process Coarse Matrix Cyclone FGD Absorber Bottom Ash Fly Ash Tailings
Other:

Section 3: Transported Media

Media description: % solids: Avg. particle size (d50): Chlorides (ppm):
Type of corrosive: pH: Operating temperature range: Delta "P" and max line pressure:

Section 4: Valve Requirements

Type of valve required: Blade or disc material: Seat material:

Comments:

Section 5: Application Details

Operation: Shutoff required: Flange type: ID:
Manual Automatic On / Off Throttling
Location: Accessibility: Installation constraints (vertical room, weight, etc.):

Comments:

Section 6: Valve Actuation

Speed of operation: Voltage requirement: Air supply to cylinder:

Mode of operation:
Double acting On / Off Proportional control Spring-to-open Spring-to-close

Service supply available:
Electric Pneumatic AC DC Hydraulic None

Accessories:
Limit switches Positioner Solenoid valve Transducers Manual override Shaft extensions
Locking device Jacketing Remote actuation Safety cage

Section 7: Additional Information

Quantity requested: Item(s) being replaced: Face to face: Flange drilling: Reason(s) for replacement:

Expectations: Comments: