

DOME VALVE REQUIREMENTS SURVEY

Please return by email to webinquiry@macawber.com



1829 Clydesdale Street
Maryville, TN 37801
Phone 865 984 5286
Fax 865 977 4131
www.macawber.com
sales@macawber.com

1. GENERAL INFORMATION

PROJECT

Proposal Type Full Budget Date Required: _____

Company _____

Address Line 1 _____

Address Line 2 _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Email _____ Attn. _____

PROJECT NUMBER

2. PROCESS REQUIREMENTS (for valve function)

internal use only

Application _____

Valve Size mm in _____ Valve Configuration INLINE BULKHEAD

Nominal Operating Pressure _____ Max _____ Min _____ Units _____

Vacuum Duty Yes No _____ Units _____

Nominal Operating Temperature _____ Max _____ Min _____ °C °F

Passing Material _____ Particle Size Max _____ Min _____

Particle Size Distribution _____

Material Flowability Free Flow Good Moderate Poor Does Not Flow

Hygroscopicity Yes No Corrosive Caustic

Explosive Yes No Angle of Repose _____

Abrasiveness Nonabrasive Mild Moderate High Very High

3. APPLICATION DETAILS (for valve function)

Materials of Construction Carbon Steel 304 SS 316 SS

°Valve Function _____
(description and details)

Cycle Time _____
(cycles per hour)

Duty Operation _____
(annual operational duty)

Operational Location (city, state) _____

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5. OPERATING CONTROL OPTIONS

- | CON
<small>(select)</small> | Explosive
<small>(yes/no)</small> | (select all that apply) |
|---------------------------------------|---|---|
| <input type="checkbox"/> | <input type="text"/> | CON 0 - No Controls |
| <input type="checkbox"/> | <input type="text"/> | CON 1 - Operating Pneumatic Controls Only |
| <input type="checkbox"/> | <input type="text"/> | CON 2 - Operating Pneumatic Controls Only for Fail-Safe with Loss of Air/Power |
| <input type="checkbox"/> | <input type="text"/> | CON 3 - Open / Close Position Confirmation |
| <input type="checkbox"/> | <input type="text"/> | CON 4 - Inflatable Seal Pressure Confirmation |
| <input type="checkbox"/> | <input type="text"/> | CON 5 - PLC Pre-wired, Programmed on Allen Bradley |

Other Control Requirements _____
