**FILTRATION APPLICATION GENERAL QUESTIONNAIRE**

Please Complete the Following Form filling in as much information as possible.

|  |
| --- |
| **Company Information:**Please Fill Out Completely |
| **Name:** |  |
| **Company:** |  |
| **Address:** |  |
| **City:** |  | **State/Providence:** |  |
| **Country:** |  | **Zip Code:** |  |
| **Phone:** |  | **Email:** |  |

|  |
| --- |
| **Operating Conditions:** |
| **Feed Characteristics:** |
| Process Slurry: |  |
| Flow Rate (GPM): |  | Feed Pressure (PSI): |  |
| Slurry Specific Gravity: |  | pH: |  |
| Liquid Phase SG: |  | Viscosity (cps): |  |
| Solids Phase SG: |  | Temperature (°F): |  |
| Batch Size (Gallons): |  | Solids Amount (% Wt): |  |
| Type/Name (s) of Solids: |  |
| Average Particle Size: |  | Particle Density/SG: |  |
| Nature of Solids: |  |
| **Process:** |
| Process Type: |  | Batch |  | Continuous |
| Cycle Time (Hours): |  | Cycles per Day: |  |
| Precoat/Body Feed: |  |
| Chemical Treatment: |  |
| **Process Goals:** |
| Req’d Retention (µm): |  | Filtrate Solids Conc.: |  |
| Cake Dryness: |  | Cake Density: |  |

**Objective:** Please provide a brief description of the process and filtration requirements:

|  |
| --- |
|  |

|  |
| --- |
| **Equipment Design Details:** |
| **Materials of Construction for Wetted Parts (Metallic):** |
|  | Carbon Steel |  | 304 Stainless Steel |  | 316 Stainless Steel |
|  | Other, Specify: |
| **Materials of Construction for Wetted Parts (Non- Metallic):** |
|  | Polypropylene |  | Nylon |  | Teflon |
|  | Other, Specify: |
| **Materials of Construction for Non-Wetted Parts (Metallic):** |
|  | Carbon Steel |  | 304 Stainless Steel |  | 316 Stainless Steel |
|  | Other, Specify: |
| **Materials of Construction for Gaskets:** |
|  | Neoprene |  | Buna-N |  | EPDM |  | Viton |
|  | Other, Specify: |  |
| Design Pressure (PSI): |  | At Design Temp. (°F): |  |
| ASME Code Stamp: |  | Yes |  | No |

|  |
| --- |
| **Electrical Requirements:** |
|  | NEMA 4 |  | NEMA 4X |  | NEMA 7 |
|  | Other, Specify: |  |
| Class: |  | Division: |  | Group: |  |
| Motors: |  | TEFC |  | Explosion Proof |
|  |  |

|  |
| --- |
| **Auxiliary Equipment Required:** |
|  | Precoat System |  | Admix/Bodyfeed |  | Automation |  | Feed Pump |
|  | Other, Specify: |

|  |
| --- |
| **Existing Unit Information (If Applicable):** |
| Manufacturer: |  | Model No: |  |
| Serial No: |  | Order No: |  |

|  |
| --- |
| **Additional Information /Notes:** |
|  |