Legends Equipment

Central Vacuum System Questionnaire

Company Name: _____
Address: _____

E-Mail: _____

Material

Material Name: _____   Combustible Dust: ☐ Yes ☐ No
Temperature: _____   Kst: [_____]   Pmax: [_____]
Moisture Content: _____

Minimum Particle Size / Shape _____
Maximum Particle Size / Shape _____

Is there a potential for larger debris beyond dust   ☐ Yes ☐ No
(Rags, shipping materials, plastic, strapping, gloves, etc)
Additional details: _____

System Requirements

Max # of Simultaneous Operators: _____   Hose Diameter: ☐ 2" (std) ☐ 1-1/2"
                                                                                      Other ☐ _____

Accessory Voltage: ☐ 110V ☐ 24V DC   Hose Length: ☐ 25' (std) ☐ 50'
                                                                                      Other ☐ _____

Tubing & Fittings M.O.C. ☐ Zinc Galvanized (Std) ☐ 304 Stainless Steel ☐ Carbon Steel
                              Other (Specify) ☐ _____

Tubing & Fittings Assembly ☐ Instalok (Std) ☐ Compression Coupling 4 Bolt ☐ Shrink Sleeve
                              Other (Specify) ☐ _____
Gaskets: ☐ Black (Std) ☐ White

Include Labels for Drops: ☐ Yes ☐ No   Standard Label is "House Vacuum Dry Only"

                    Special Label Instructions: ☐ [_____]

Additional Notes: [_____]

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Equipment Details

Filter Location: ☐ Outdoor ☐ Indoors   Vacuum Unit Location: ☐ Outdoor ☐ Indoors

Filter Material of Construction: [_____]

High Level Sensor: ☐ Yes   Brand: [_____]

Secondary After Inline Filter: ☐ Yes   (☐ Polyester @ 5 Micron ☐ HEPA @ 0.3 Micron)

Electrical Area Classification:

Collection Container

☐ 55-Gallon Drum Kit   ☐ No Valve (System shut off to empty drum)   ☐ XP Drum Kit
☐ Rotary Airlock
☐ Manual Valve: ☐ Butterfly Valve   ☐ Knife Gate Valve
☐ Double Dump Valve

Collection Container:
☐ Gaylord Box / Tote
☐ Bulk Bag / Super Sack

Dimensions:
   Length [_____]   Width [_____]   Height [_____]

Additional Notes:
[_____]
[_____]
[_____]

Explosion Protection

Explosion Vent: ☐ Yes ☐ No   Vent Bust Indicator: ☐ Yes ☐ No

☐ Vent ducted to an exterior wall   ☐ Flame free explosion vent cover
Vent duct length: ☐ Dust cover for flame free explosion vent

Explosion suppression in lieu of venting ☐ Yes ☐ No

Is there preferred brand of explosion protection equipment: [_____]

Exhauster discharge: ☐ Exhaust to atmosphere ☐ Exhaust into building
                    (Typically requires explosion isolation of return air)

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Primary Filter

☐ Filter Bags

☐ Grounded

☐ Polipleet Cartridge

☐ Grounded

Top Filter Access
☐ RT/RTC Top Removal – Clean Side (No confined space entry)
☐ Ladder and top hand rail (std)

Side Filter Access
☐ AVR/AVRC Side Removal – Dirty Side
☐ Ladder with service platform to filter access door
☐ Additional side access door

Cartridge Side Filter Access
☐ CSER – Side removal cartridge (No confined space entry)
☐ Ladder with service platform to filter access door

☐ 60 Deg Hopper (std) ☐ 70 Deg Hopper
☐ Broken Bag Detector
☐ Clean Air Access Door
☐ Hopper Access Door ☐ Bolted ☐ Tool Free
☐ Solimar Air Pad Hopper Flow Aid   ☐ Hopper Vibrator ☐ Hopper Impactor

HEPA Filter

☐ Inline HEPA filter (after primary filter before exhauster)   ☐ Show as an option
☐ Magnehelic Differential Pressure Gauge   ☐ Photohelic Differential Pressure Monitor with alarm

Material of construction: ☐ Carbon Steel ☐ 304 Stainless Steel ☐ 316 Stainless Steel

Exhauster

☐ Sound Enclosure   ☐ Show as an option
☐ Bearing temperature monitoring   ☐ Weather Hood
☐ Bearing vibration monitoring   ☐ Special Motor :