

CONTACT & PROJECT INFORMATION

Title / Application Name:

Date:

Tag #:

Company:

Phone:

Email:

Address:

City:

State:

Zip:

Country:

DUST / PARTICULATE DATA

Dust / Particulate Description:

Source Process / Equipment:

Avg Particle Size (microns):

Grain Loading (grains/ACF):

Bulk Density (lbs/ft³):

Abrasive? (Y/N):

Moisture in Dust (Y/N):

Sticky / Hygroscopic? (Y/N):

Explosive / Combustible? (Y/N):

NFPA Class / Kst (if known):

Dust Particle Shape (Angular / Spherical / Fibrous):

SDS / MSDS Available? (Y/N):

AIRFLOW & PROCESS CONDITIONS

Airflow Required — Normal (CFM/ACFM):

Airflow — Max (CFM/ACFM):

Airflow at Standard Conditions (SCFM):

Inlet Temperature — Normal (°F):

Inlet Temperature — Max (°F):

Humidity (% RH):

Altitude (ft ASL):

Static Pressure Drop Available (in. W.C.):

Emission Limit Required (mg/Nm³):

Duct Inlet Size / Shape:

COLLECTOR TYPE PREFERENCES

☐ Pulse-Jet Baghouse

☐ Shaker Baghouse

☐ Reverse-Air Baghouse

☐ Cartridge Collector

☐ Cyclone (Pre-Separator)

☐ HEPA Secondary Stage

☐ Bin Vent Filter

☐ Wet Scrubber

of Filter Bags / Cartridges:

Filter Media (PP / PET / PTFE / Aramid):

Finish (Singed/Glazed/Membrane):

Cleaning Method (Pulse / Shaker / Reverse Air):

Cleaning — Offline or Online?:

DISCHARGE & DUST HANDLING

☐ Rotary Airlock Valve

☐ Screw Conveyor

☐ Drum / Big-Bag

☐ Continuous Liner

☐ Pneumatic Conveying

☐ No Discharge Required

☐ Other

Estimated Dust Load to Hopper (lbs/hr):

Hopper Heat Trace Required? (Y/N):

Level Indicator Required? (Y/N):

ELECTRICAL / CONTROLS / SAFETY

Power Available (V/Ph/Hz):

Compressed Air Available (PSIG/SCFM):

Explosion Vent Required? (Y/N):

Hazardous Area Classification (Y/N / Class/Div):

Sprinkler System Required? (Y/N):

Controls — Basic Starter / PLC / BAS Integration:

Remote Monitoring Required? (Y/N):

NOTES / ADDITIONAL REQUIREMENTS

SYSTEM / INSTALLATION SKETCH

Sketch inlet/outlet piping, vessel orientation, and key dimensions here