SmogHog® Mist Collection Application Data Sheet

Customer: **Date:**

Location:

Distributor:

Contact:

Email: **Phone:**

1) What type of application? (CNC Machining, Cold Heading/Thread Rolling) What are you manufacturing/processing?

2) What type of metals are being worked? (Steel, stainless, aluminum, magnesium, titanium)

3) What type of lubricant/coolant do you use and is it consistent throughout the facility? MSDS?

4) Is it a water-based or oil-based coolant?

5) If water soluble, what percentage of water to coolant mixture?

6) What is driving your need? (Dirty space, Smoky cloud/haze in the space, Employee complaints, Landlords)

7) What is the flash point of your coolant (on MSDS)?

PH2101-051

Distributor Information

Industrial Gas Filtration and Generation Division
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8) What type of machine tools are you using?

9) Do your machine tools have on-board air pollution control ports?

10) If not, what are the internal dimensions of the cavity within the tool?

11) Will hoods be required?

12) Are you looking to capture mist ambiently or via source capture (ambient is about 70% and source is over 90% efficient)?

13) How many machine tools do you have in the shop that are creating mist?

14) How often is the shop running? 8 hours a day, 24 hours a day? How many days per week?

15) Is it machine tool mist or smoke, both?

16) What temperature would the collector see at the inlet?

17) If Source Capture, would this be a singular (minimal ducting), pseudo-centralized (some ducting) or centralized (maximum ducting) system?

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18) Would you locate the Mist Collector(s) inside or outside the building?

19) If units located inside; ceiling or floor mounted units preferred/required?

20) Who will ultimately be the decision maker on this project?

Additional Notes:

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