

# Airsweep® Systems

## Application Data Sheet

COMPANY NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY / STATE / ZIP or POSTAL CODE \_\_\_\_\_

COUNTRY \_\_\_\_\_

YOUR NAME AND TITLE \_\_\_\_\_

TELEPHONE # \_\_\_\_\_ FAX # \_\_\_\_\_

EMAIL ADDRESS \_\_\_\_\_

### 1. DESCRIPTION OF MATERIAL IN BIN

(A) MATERIAL \_\_\_\_\_

(B) MOISTURE CONTENT \_\_\_\_\_ % MIN. \_\_\_\_\_ % MAX.

(C) RANGE OF PARTICLE SIZE

MINIMUM \_\_\_\_\_ IN. OR \_\_\_\_\_ MESH

MAXIMUM \_\_\_\_\_ IN. OR \_\_\_\_\_ MESH

PER CENT UNDER 60 MESH \_\_\_\_\_ % UNDER 200 MESH \_\_\_\_\_ %

(D) MATERIAL TEMPERATURE (MAX) \_\_\_\_\_ °F / °C

(E) DENSITY \_\_\_\_\_ LBS/FT<sup>3</sup>

(F) SPECIAL CHARACTERISTICS? \_\_\_\_\_

### 2. DESCRIPTION OF BIN (PLEASE SUBMIT A DRAWING)

(A) CAPACITY \_\_\_\_\_ TONS OR \_\_\_\_\_ FT<sup>3</sup> / M<sup>3</sup>

(B) BIN WALL MATERIAL \_\_\_\_\_

(C) BIN WALL THICKNESS \_\_\_\_\_

(D) SIZE OF BIN BEFORE SLOPE (MAJOR DIAMETER or L x W x D) \_\_\_\_\_

(E) SIZE OF DISCHARGE OPENING \_\_\_\_\_

(F) SLOPE OF BIN WALL \_\_\_\_\_ ° FROM HORIZONTAL

(G) TYPE OF GATE \_\_\_\_\_

(H) NUMBER OF BINS OF THIS TYPE \_\_\_\_\_

3. **FLOW OF MATERIAL**

(A) LEVEL OF MATERIAL \_\_\_\_\_ TO \_\_\_\_\_ FT / M ABOVE OPENING

(B) BIN IS FILLED BY \_\_\_\_\_ AND DISCHARGES ONTO \_\_\_\_\_

CONVEYOR ☐ CONVEYOR ☐

FEEDER ☐ FEEDER ☐

BUCKET ☐ TRUCK ☐

(C) REQUIRED FLOW FROM BIN IS

CONTINUOUS ☐

INTERMITTENT ☐

(D) REQUIRED RATE OF FLOW IS \_\_\_\_\_ TPH

4. **SYSTEM CONTROL**

(A) IS STAND-ALONE CONTROL REQUIRED YES ☐ NO ☐

(B) WILL MANUAL OVERRIDE BE NEEDED YES ☐ NO ☐

(C) IS 110 VOLT - 60 HZ AVAILABLE YES ☐ NO ☐

IF NO, SPECIFY AVAILABLE VOLTAGE

(D) PLEASE SPECIFY ANY SPECIAL FEATURE REQUIRED FOR SYSTEM CONTROL

5. **AIR SUPPLY**

(A) AIR SUPPLY AVAILABLE AT BIN

\_\_\_\_\_ PSI / BAR AND \_\_\_\_\_ CFM

(B) PIPE SIZE \_\_\_\_\_ DIA.

COMMENTS:

PLEASE INCLUDE ENGINEERING DRAWING, IF AVAILABLE

MOST CAD / DOC / PDF FILES ACCEPTABLE VIA EMAIL

OTHERWISE PLEASE INCLUDE A SKETCH WITH DIMENSIONS

*To submit the completed form please*

*fax to 866-247-7538*

*or email to:*

[Solutions@ChiVib.com](mailto:Solutions@ChiVib.com)