**DATA SHEET**

# PULVERIZING, & BLENDING& SCREENING& DRYING

NAME & ADDRES \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Contact Person \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Tel No. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Email \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Application \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_

**CRUSHING /GRINDING/PULVERIZING/ SIZE REDUCTION**

1) Indeed size to feed Crusher in mm/microns or inches …………………………………………….

2) Grinding capacity……………kgs/hr or…………………… TPH .IE 50KGS/HR OR 100KGS/HR TPH etc

3) Fineness of grinded powder required in …………..mesh/ micron.ie passing 100micron, 200 micron etc

4) Moisture in material that is to be grinded……………………..%.

5) MOC of equipment is it MS OR SS304 or any other SS grade required?

(SS304 is stainless steel non magnetic steel will not rust and MS is mildsteel carbon steel magnetic which will rust very fast).

6) Do you want stand alone Gravity Crusher bottom discharge OR with a PCS Pneumatic conveying System i.e. blower system to convey grinded powder to another point.

7) Feeding manual ………………..or Automatic Feeder required ……………..

**SCREENING /GRADING /VIBRATORY/ ROTARY**

1) Screening specify mesh required:

2) Powderpassing specified mesh specify %--------------- not passing mesh specify…………..

3) Is powder abrasive,………….. Non abrasive, …………..

4) Is it Single One Screen ……………. Multiple screens to be fitted specify……………..

5) Capacity…………..kgs/hr or…………….TPH.

6) MOC of equipment M.S OR SS.304 or any other?

7) VIBRATORY Screener or Non Vibratory ROTARY Sifter screener preferred.

8) Feeding manual ………………..or Automatic Feeder required ……………..

**MIXING/ BLENDING**

1) Batch type……………. or Continuous………………..

2) Batch……………..kgs or ………………Tons

3) Mixing time 5 to 15 minutes specify preference ………………………

4) Powder bulk density specify ………………………… (gm/cm3)

5) Discharge of mixed Powder Manual valve or Pneumatic valve.

6) Ribbontype Single Mixing OR Paddle TWIN Mixing Design preferred.

7) Feeding hopper specify size Volume in liters…………… OR kgs……………………..

8) Feedingby Conveyor or manually specify?

9) MOC of equipment MS …………OR S.S 304…………………. Or any other

10) Moisture or liquid additive to be added if any percentage %

11) Do you want a spray dozing system …YES ……………NO……..

**DRYING**

1) Product to be dried name …………………………..

2) Moisture content on Dry/Wet basis; Initial\_\_\_\_\_\_\_\_\_\_\_% Final\_\_\_\_\_\_\_\_%

3) Throughput rate \_\_\_\_\_\_\_kgs/hr

4) Temperature at which product should be heated ………………..degree C OR F

5) Product is sticky/pasty/free flowing granular/crystalline/cake/friable/

6) Does material pick up moisture ……………………..

7) Does material contain in bound moisture …………….

8) Temperature at which material gets damaged (Melting point)…………………

9) Heating media direct or indirect fired …………………………….

10) Heating media Electric/steam/Thermic fluid /Oil/LPG ……………..

11) Steam pressure available ……………………

12) Maximum air temperature ……………………..

13) Is cooling required after drying ……………………………

14) MOC of equipment SS304 …………OR MS……………

15) Drier design Indirect Fluidized or Direct contact paddle.

# Contact

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