

Process Data Sheet

CONTACT INFORMATION			
Company Name:	Plant Location and Address:		
Company Address:	Altitude:		
Contact Name:	Phone: Fax:	Email:	
PRODUCT			
Product Name:	Product Characteristics:	Process:	
Chemical Formula:	<input type="checkbox"/> Sticky <input type="checkbox"/> Abrasive <input type="checkbox"/> Friable <input type="checkbox"/> Corrosive <input type="checkbox"/> Heat Sensitive <input type="checkbox"/> Other	<input type="checkbox"/> Drying <input type="checkbox"/> Cooling <input type="checkbox"/> Roasting <input type="checkbox"/> Calcining <input type="checkbox"/> Other	
Specific Heat:			
Bulk Density: Wet lbs / ft ³ Dry lbs / ft ³			
Moisture: Initial: % Final: %	Size Distribution / Screen Analysis:	Inherent or Chemical Water Present?	
Moisture % = $\frac{\text{Weight of Water}}{\text{Weight of Solids and Water}} \times 100$	Temperature of Feed Product: °F	Max. Temperature Product can be heated without injury: °F	
	Desired Discharge Temperature: °F	Max Inlet Air Temperature that can be used: °F	
Is Product Currently Being Dried or Cooled? <input type="checkbox"/> Yes <input type="checkbox"/> No In what type of Dryer or Cooler? Process Air Temp?: °F	Materials of Construction in contact with Product: <input type="checkbox"/> Mild Steel <input type="checkbox"/> 304 Stainless Steel <input type="checkbox"/> 316 Stainless Steel <input type="checkbox"/> Alloy	Site Ambient Conditions: Max °F @ % RH Min °F @ % RH	
CAPACITY			
<input type="checkbox"/> Feed or <input type="checkbox"/> Discharge	Rate:		Operating Time:
Type of Feed: <input type="checkbox"/> Uniform <input type="checkbox"/> Subject to Surges	lbs/hr tons/hr	Kg/hr tonnes/hr	hrs/day days/week
HEAT SOURCE			
<input type="checkbox"/> Gas Type of Gas Pressure p.s.i.g Caloric Value B.T.U./cu.f	<input type="checkbox"/> Oil Type of Oil Pressure p.s.i.g Caloric Value B.T.U./gal.	<input type="checkbox"/> Steam (saturated) Pressure p.s.i.g Temperature °F Amount Available	<input type="checkbox"/> Other
PERIPHERAL EQUIPMENT			
<input type="checkbox"/> Fans <input type="checkbox"/> Air Heater <input type="checkbox"/> Controls <input type="checkbox"/> Feed Equipment <input type="checkbox"/> Discharge Equipment	<input type="checkbox"/> Dust Collector (type) What codes must be satisfied? <input type="checkbox"/> Ducts (Please attach sketch of area)	<input type="checkbox"/> Motors: <input type="checkbox"/> A.C. volts hertz <input type="checkbox"/> D.C. volts phase <input type="checkbox"/> Motor Controls: Type: NEMA Enclosure: Operating Voltage	
SCHEDULE			
When is Price Needed?	When is Equipment Needed?	When is Equipment to be Purchased?	
<p style="color: red; margin: 0;">Please Return Completed Form to andy.kay@fmcti.com.</p> <p style="color: red; margin: 0;">Questions? Please Call: 215-822-4608.</p>			