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# Dryer / Cooler Application Data Sheet

<b>COMPANY NAME</b>			Date
Address	erere	Phone	Fax
City	State	Zip	Country
Contact	Email		
Installation Site		Project Reference Number	

**PROCESSING PURPOSE**       Drying     Heating     Cooling     Calcination     Sterilizing     Other

**NAME and CHEMICAL COMPOSITION OF MATERIAL TO BE PROCESSED**

<b>PHYSICAL PROPERTIES</b>	Softening Point	Melting Point	Stickiness Point	Other
	Specific Heat	BTU/lb. - °F	Kcal/Kg - °C	
	Specific Gravity of Solid	Specific Gravity of Vapor (Air = 1.0@ 60 °F – 90 °F)		
	Volatile Characteristics		Solubility in Water	
	Chemical Reactivity	PH	Bulk Density	
	<b>PARTICLE SIZE</b>	Average Grain Size	<input type="checkbox"/> Mesh	<input type="checkbox"/> Micron
		Max. Grain Size	<input type="checkbox"/> Mesh	<input type="checkbox"/> Micron
		Min. Grain Size	<input type="checkbox"/> Mesh	<input type="checkbox"/> Micron
	Is material abrasive?	If corrosive, what contact materials are acceptable?		

<b>FIRE and EXPLOSION</b>	Flash Point	Auto Ignition Temperature	Flammable Limits (% Volume in Air)
	Fire and Explosion Hazards		
	Hazardous Combustion Products	Extinguishing Media	

<b>PROCESSING CONDITION</b>	<b>Feeding Condition</b>		<b>Outlet (Exit) Condition</b>	
	Temperature	°F                      °C	°F	°C
	Water Content	% <input type="checkbox"/> Wet Basis	%	<input type="checkbox"/> Wet Basis
		% <input type="checkbox"/> Dry Basis	%	<input type="checkbox"/> Dry Basis
	<b>Non-Water Vapor</b>		<b>Recovery of Evaporating Liquid</b>	
	Boiling Point	°F                      °C	<input type="checkbox"/> Necessary	
	Latent Heat of Evaporation	BTU/lb.                      Kcal/kg	<input type="checkbox"/> Unnecessary	

**MOISTURE ANALYSIS METHOD**

<b>PROCESSING CAPACITY</b>	Lbs.	KgHr.	<input type="checkbox"/> Wet Basis	<input type="checkbox"/> Dry Basis
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<b>HEAT MEDIA</b>	Steam Vapor	°F	°C @	PSI	Kg/cm <sup>2</sup>	
	Hot Water	%	°C			
	Gas	<input type="checkbox"/> Direct <input type="checkbox"/> Indirect		<input type="checkbox"/> Natural	PSI	
	Propane @	PSI		Oil		
	Cold Water	°F	°C @	PSI	Kg/cm <sup>2</sup>	
	Other Source		°F	°C @	PSI	Kg/cm <sup>2</sup>

<b>DESIGN AMBIENT</b>	°F	°C @	% R.H. Summer
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<b>AIR CONDITION</b>	°F	°C @	% R.H. Winter
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**CONSTRUCTION MATERIAL**

**ELECTRICAL SERVICE**

**SCOPE OF SUPPLY**

**COMMENTS**

DS-16963 Rev. 4/04

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