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DSOIFDWIR Q#
GDWD #/KHHW

COMPANY NAME				Date		
Address		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						
PHYSICAL PROPERTIES	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		
	PARTICLE SIZE	Average Grain Size		☐ Mesh	☐ Micron	
		Max. Grain Size		☐ Mesh	☐ Micron	
		Min. Grain Size		☐ Mesh	☐ Micron	
	Is material abrasive?		If corrosive, what contact materials are acceptable?			
	FIRE and EXPLOSION	Flash Point		Auto Ignition Temperature		Flammable Limits (% Volume in Air)
Fire and Explosion Hazards						
Hazardous Combustion Products		Extinguishing Media				
PROCESSING CONDITION	Feeding Condition			Outlet (Exit) Condition		
	Temperature		°F	°C	°F	
	Water Content	%	☐ Wet Basis	% ☐ Wet Basis		
		%	☐ Dry Basis	% ☐ Dry Basis		
	Non-Water Vapor			Recovery of Evaporating Liquid		
	Boiling Point		°F	°C	☐ Necessary	
	Latent Heat of Evaporation		BTU/lb.	Kcal/kg	☐ Unnecessary	
MOISTURE ANALYSIS METHOD						
PROCESSING CAPACITY		Lbs.	KgHr.	☐ Wet Basis	☐ Dry Basis	
HEAT MEDIA	Steam Vapor		°F	°C @	PSI	Kg/cm ²
	Hot Water		%	°C		
	Gas	☐ Direct ☐ Indirect	☐ Natural	PSi		
	Propane @		PSI	Oil		
	Cold Water		°F	°C @	PSI	Kg/cm ²
	Other Source		°F	°C @	PSI	Kg/cm ²
DESIGN AMBIENT		°F	°C @	% R.H. Summer		
AIR CONDITION		°F	°C @	% R.H. Winter		
CONSTRUCTION MATERIAL						
ELECTRICAL SERVICE						
SCOPE OF SUPPLY						
COMMENTS						