

Parameters should be identified which will be used to design the system. If ranges are given, worst case conditions will be calculated.



FINISHING - PAINT/POWDER QUESTIONNAIRE

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INDICATE ACTION REQUIRED:

Firm Quotation Budget Quotation
 Laboratory Test Process Evaluation

STATUS OF THIS PROJECT:

Feasibility Study Definite Requirement This Year
 Requirement in Next Years Other _____

Company name: _____ Date _____

Address _____ City _____ State _____

Name: _____ Title: _____

Telephone: Office _____ Mobile _____ Fax: _____

Email: _____ Website: _____

➤ Process: _____
 Pre-Heat Post-Heat Powder Cure Liquid Dry/Cure
 Flat 3-Dimension Belt Conveyor Overhead Conveyor Spindle Conveyor

➤ Product to be heated _____ Spacing _____

➤ Temperature Limitations _____ Cure Temp (PMT) _____

➤ Weight of base product and thickness per unit or per lineal foot _____

➤ Special characteristics _____

➤ Coating to be applied and type _____ % Solids _____

➤ Solvents: Water _____ Other-Specify _____

➤ Evaporation Rate _____ Flash Point _____

➤ Method of Application _____

➤ Application weight and thickness: _____ Thickness wet _____ Thickness dry _____

➤ Moisture content: Entering _____ % Exiting _____ % Reduce to _____ %

➤ Product width/size: Nominal _____ Max _____ Min _____ Design _____

Length _____ Width _____ Depth _____ Design _____

➤ Present production speed _____ Design production speed _____

➤ Existing process equipment: Type _____

Manufacturer _____

KW rated _____ Consumption/hr _____

BTU/hr rated _____ Consumption/hr _____

➤ Other Information _____

➤ Energy Cost: Electricity: \$ _____ per KwH, Demand: \$ _____ per KW
Natural Gas: \$ _____ per Therm or \$ _____ /MCF
Propane: \$ _____ gallon (71,000 BTU per gallon)

➤ Temperature rise of product: Entry _____ deg F, Exit _____ deg F, Increase _____ deg F

➤ Available space: Direction of flow: _____ Height _____ Width _____

➤ Plant Voltage (s) _____ Service Capacity (amps) _____

➤ Insurance Carrier - Is approval required for installation? _____

➤ Limiting factors such as critical product temperature, process parameters, etc:

➤ Other design considerations:

➤ Please sketch location for proposed equipment:

➤ Briefly describe why there is a need for a change in equipment:

Note: In order to exactly determine your Casso-Solar Technologies Heater System, please include samples of your product for testing in our laboratory, with MSDS information, if applicable. A finished sample should also be included as a standard to compare the test samples. Please also include your test for a satisfactory product.