

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



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PAPER & CONVERTING QUESTIONNAIRE

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-Drying Pre-Heating Laminating Dry Coating Dry after Size Press
 Bonding Pleating Moisture Control Dry After Forming Prevent Pickoff
 Other _____
- Product to be heated _____
- Weight of base product and thickness per ream (3000 sq ft) _____
- Special characteristics _____
- Coating to be applied and type _____ % Solids _____
- Solvents: Water _____ Other _____
- Evaporation Rate _____
- Method of Application _____
- Application weight and thickness: _____ Pounds per ream (3000 sq ft) wet _____ dry
 _____ 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.