

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



TEL: (800) 988-4455
FAX: (845) 362-1856
E-MAIL: sales@cassosolar.com
WEBSITE: www.cassosolar.com
P.O. Box 163
230 U.S. Route 202
Pomona, NY 10970

SYSTEM QUESTIONNAIRE FINISHING

CSC FINISHING QUESTIONNAIRE Q_9

Status of the Project:

Immediate, Ready to Place Order Will Place Order 1-2 Months Immediate, Ready to Place Order
 Feasibility, Process Evaluation/Development

Indicate Actions Required: Budget Price Laboratory Test Firm Price

Company _____ Date _____
Address _____ Tel # _____
_____ Fax # _____
Customer Name & Title _____ E-Mail _____
Form Completed By & Title _____

■ Process Description: _____

■ System Requirement: *(Please Check Equipment and/or Service to be Purchased from Casso Solar)*

Oven Wash System Conveyor Integrated System Installation
 Application Booth/Equipment Installation Supervision, Start-up, Training
Energy Preference: Electric Gas Either (Casso Solar to Recommend)
Facility Energy Available: Voltage _____ V, _____ Phase, _____ Hz Gas: Propane Natural
Describe Need: _____

■ Product Characteristics:

Product Description: _____ Flat 3-D

Material(s): _____

Temperature Limitation(s): Max Temp _____ Min Temp _____ Deg C Deg F

Dimension(s) *(Process Oriented)*:

Vertical: Max _____ Min _____

Across Machine Direction: Max _____ Min _____

In Machine Direction: Max _____ Min _____

Thickness _____ Uniform Non-Uniform

Weight (lb./ft., Lineal Feet of Conveyance): _____

■ Process and Coating Characteristics:

Conveyor Type:

Overhead Spindle/Chain-on-edge Belt Other

Spacing: _____ Machine Direction _____ Parts (Between / Centers)

_____ Racking (Between / Centers / #)

Temperature at Entry to Heater System: _____ Temperature at Exit of Heater System: _____

Coating Type/Name/Brand: _____

Coating Characteristics of Coating(s) Utilized: Water-Based Solvent-Based

Coating Thickness (millimeters): _____ Dry _____ Wet

Cure Tests:

Solvent Wipe (Solvent _____, # of Passes _____) Pencil Hardness

Mandrel Bending Cross Hatch Adhesion Other _____

Finish Quality Definition/Special Characteristics: _____

Production Throughput (Qty. per Hour): _____ Line Speed _____

Please Attach a Sketch of Part Racking/Dimension Information (Worst Case), Across Machine and Vertically.

Limitations / Special Requirements/ Considerations: _____

NOTE: IN ORDER TO EXACTLY DETERMINE YOUR CASSO SOLAR FINISHING SYSTEM, PLEASE INCLUDE SAMPLES OF YOUR PRODUCT FOR TESTING IN OUR LABORATORY. A FINISHED SAMPLE SHOULD ALSO BE INCLUDED FOR A TEST STANDARD.

CONTINUED

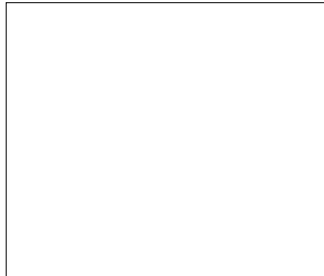
TEMPERATURE AT ENTRY TO HEATER SYSTEM ____°F ____°C

TEMPERATURE AT EXIT OF HEATER SYSTEM ____°F ____°C

RACKING/HOOKS/FIXTURING (PART SILHOUETTE/AGGREGATE) SPACE AVAILABLE



OVEN END VIEW



LAYOUT

*SKETCH WORST CASE PART RACKING/DIMENSION INFORMATION, ACROSS MACHINE AND VERTICALLY

■ **PRODUCTION GOALS**

PRODUCTION THROUGHPUT (QTY. PER HOUR): ____ LINE SPEED (IF RANGE, SPECIFY OVEN DESIGN GOAL: _____

DRY/CURE TEST LIST: COATING MANUFACTURER STANDARD(S): _____

CUSTOMER REQUIRED: _____

FINISH QUALITY DEFINITION/SPECIAL CHARACTERISTICS: _____

ENERGY PREFERENCE (IF ANY): ____ ELECTRIC ____ GAS ____ EITHER (CASSO TO RECOMMEND)

TYPE OF CONTROL PREFERENCES: _____

CONTROL MANUFACTURER PREFERENCES: _____

COATING CHARACTERISTICS OF COATING(S) UTILIZED: COATING TYPE/MANUFACTURER:

POWDER: _____ WATER-BASED: _____ SOLVENT-BASED: _____

TYPE OF SOLVENT: _____

RELEASE RATE: _____ TEMPERATURE LIMITATIONS - COATING(S): _____

SPECIAL NEEDS TO DEVELOP COATING CHARACTERISTICS: ____ MOVING AIR ____ MINIMUM PMT

HOLD TIME ____ RAISE TO HIGHER FINAL TEMPERATURE BEFORE OVEN EXIT TO LOCK IN CHARACTERISTICS (IE GLOSS TEXTURE)

■ **PROCESS TEST CHARACTERISTICS**

CLEAN PARTS; PRETREATED PARTS SUPPLIED: _____ SOLVENT WIPE WITH: _____

FLASH SPECIFICATION (LIQUID)

DRY/CURE SPEC: POWDER - MELT TEMPERATURES: ____°F GEL TEMPERATURES: ____°F

COATING THICKNESS MILS: ____ DRY ____ WET

POST DRY OVERNIGHT STACKING: _____ APPLICATION METHOD: _____

CURE TESTS: _____ SOLVENT WIPE _____ (SOLVENT/# PASSES) _____ PENCIL

HARDNESS _____ MANDREL BENDING _____ CROSS HATCH ADHESION _____

(OTHER)

■ **SYSTEM REQUIREMENT**

EQUIPMENT TO BE PURCHASED FROM CASSO-SOLAR:

____ OVEN ____ WASH SYSTEM ____ CONVEYOR ____ INTEGRATED SYSTEM ____ INSTALLATION

____ APPLICATION BOOTH/EQUIPMENT ____ INSTALLATION SUPERVISION, START-UP

TRAINING

LOCAL INSTALLER RECOMMENDATION - COMPANY: _____

CONTACT: _____ TEL: _____

EQUIPMENT MANUFACTURER PREFERENCE (ANY/ALL OF ABOVE): _____

REASON FOR PROCESS ANALYSIS BY CASSO-SOLAR: _____

CRITICAL FACTOR(S) IN DETERMINING TO MAKE AN IMPROVEMENT/NEW PURCHASE: _____