



THE POWER OF **CONNECTED**

HONEYWELL THERMAL SOLUTIONS

Glass Furnace Questionnaire

Customer _____ Customer Job Name _____

Customer Contact _____ Tel _____ E-Mail _____

New Furnace Existing Furnace **Melter Dimensions** Length _____ meters

Width _____ meters

Output (Maximum): _____ tons/day Glass Depth _____ meters

Burner Type: Underport Side of port Throughport

Product: Container **Glass Type:** Soda lime **Glass Color:** Clear
 Tableware Lead Amber
 Flatglass Borosilicate Green
 Float Other _____ Other _____
 Tubing
 TV
 Bulbs
 Other _____

Regenerative Furnace Type: End Fired Cross Fired

Regenerator: Packed Volume: _____ (units)

Type of Packing: _____

Air Preheat: _____ (units)

Fuel: Main Standby
 Natural gas Natural gas
 Heavy Oil Heavy Oil
 Light Oil Light Oil
 Other _____ Other _____
 Pressure: _____ (units) Pressure: _____ (units)

Fuel Consumption: _____ at pull _____ t/d, at cullet _____ % _____ (units)

Electric boost: _____ kW

Fuel Distribution (Specify in Known):

Port	Fuel %	Number of Burners	Port Width	Port Area
1				
2				
3				
4				
5				
6				
7				
8				

Atomizing Pressure: Air _____ (units)
Steam _____ (units)
Gas _____ (units)
Oxygen _____ (units)

Actuation Air Pressure: _____ (units)

Electric Supply: 1 Ph _____ Volts _____ Hz
3 Ph _____ Volts _____ Hz
Control _____ Volts _____ Hz

Emissions (at stack): NOx: _____ (units)
CO: _____ (units)
Particulates: _____ (units)
Other: _____ (units)

Oxygen level at which emissions are to be calculated _____ %

Scope of Supply:

Burners: _____
Fuel Controls: _____
Air Controls: _____
Furnace Instrumentation System: _____

Furnace Design (Please provide drawings or a sketch of the Furnace Port(s) if possible)

Comments:

Honeywell Process Solutions
Honeywell Thermal Solutions (HTS)
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ThermalSolutions.honeywell.com

