

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 Tableware Flatglass Float Tubing TV Bulbs Other _____

Glass Type: Soda lime Lead Borosilicate Other _____

Glass Color: Clear Amber Green Other _____

Regenerative Furnace Type: End Fired Cross Fired

Regenerator: Packed Volume: _____ (units)
 Type of Packing: _____
 Air Preheat: _____ (units)

Fuel:

<u>Main</u>		<u>Standby</u>	
Natural gas	<input type="checkbox"/>	Natural gas	<input type="checkbox"/>
Heavy Oil	<input type="checkbox"/>	Heavy Oil	<input type="checkbox"/>
Light Oil	<input type="checkbox"/>	Light Oil	<input type="checkbox"/>
Other	<input type="checkbox"/> _____	Other	<input type="checkbox"/> _____
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				

Glass Furnace Questionnaire

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