

**TECHNICAL DESIGN QUESTIONNAIRE****BIOMASS**

## Customer Information:

Company Name:	<input type="text"/>	Account Number:	<input type="text"/>
Contact Name:	<input type="text"/>	Address:	<input type="text"/>
Contact Number:	<input type="text"/>		
Contact Email:	<input type="text"/>		
Enquiry Date:	<input type="text"/>	Postcode:	<input type="text"/>

## RTM Information:

RTM Brand:	<input type="checkbox"/> PTS <input type="checkbox"/> City Plumbing	Branch:	<input type="text"/>
		Branch Contact:	<input type="text"/>
		Branch Tel No:	<input type="text"/>
		Branch Email:	<input type="text"/>

## Project Information:

Project Name:	<input type="text"/>		
Project Status:	<input type="checkbox"/> Order to Place <input type="checkbox"/> Out to Tender <input type="checkbox"/> General Enquiry	Project Address:	<input type="text"/>
		Project Postcode:	<input type="text"/>

## Property Information:

Year of Construction:	<input type="text"/>	Building Type:	<input type="text"/>
		(e.g. Detached House, Office, Care Home etc.)	
No of Bedrooms:	<input type="text"/>	Total Floor Area:	<input type="text"/> m <sup>2</sup>
(If applicable)			
Heat Loss (If Known):	<input type="text"/> watts or	Assumed Heat Loss:	<input type="text"/> w/m <sup>2</sup>
		(New build to Part L1a:2013 (Domestic) assume 40w/m <sup>2</sup> )	
Current Fuel:	<input type="text"/>	Electrical Supply Available:	<input type="text"/>
(If applicable. Oil/LPG/Natural Gas etc)		(Single Phase or Three Phase)	
<b>Insulation Standards</b>			
External Wall build up:	<input type="text"/>	U-Value:	<input type="text"/> w/m <sup>2</sup> k
(e.g. Brick 102mm, 75mm Celotex, 50mm air gap, standard aerated block, 13mm plaster)		(New build default: 0.18w/m <sup>2</sup> k)	
Glazing Type:	<input type="text"/>	U-Value:	<input type="text"/> w/m <sup>2</sup> k
(e.g. Double Glazed, Low-e Glass, PVC Frame)		(New build default: 1.4w/m <sup>2</sup> k)	
Roof Build Up:	<input type="text"/>	U-Value:	<input type="text"/> w/m <sup>2</sup> k
(e.g. 270mm mineral wool loft insulation)		(New build default: 0.13w/m <sup>2</sup> k)	
Floor Build Up:	<input type="text"/>	U-Value:	<input type="text"/> w/m <sup>2</sup> k
(e.g. 150mm concrete slab, 75mm celotex, 65mm Traditional Screed)		(New build default: 0.13w/m <sup>2</sup> k)	

Please Note: CPS will not typically carry out heat loss calculations. All heat loss calculations to be carried out by the MCS installer.

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## **BIOMASS**

### System Information:

<b>Fuel Type:</b> <input style="width: 150px;" type="text"/> (e.g. Pellet/Wood Chip/Log etc.)	<b>Fuel Storage:</b> <input style="width: 150px;" type="text"/> (e.g. Manual Feed/Pre Fab Silo/Self Built Store etc.)
<b>Preferred Manufacturer:</b> <input style="width: 150px;" type="text"/> (Windhager/Grant/Bioflame etc.)	<b>Fuel Delivery:</b> <input style="width: 150px;" type="text"/> (e.g. Vacuum/Screw Auger etc.)
<b>Fuel delivery distance:</b> <input style="width: 50px;" type="text"/> m	
<b>Will the unit be remotely located?</b> <input style="width: 50px;" type="text"/> (Yes/No)	
<b>If yes, distance from plant to building:</b> <input style="width: 50px;" type="text"/> m	
<b>Quote for pre-insulated pipework?</b> <input style="width: 50px;" type="text"/> (Yes/No)	<b>If yes, which manufacturer:</b> <input style="width: 100px;" type="text"/> (Uponor/Maincor/Rehau etc.)
<b>For district heating schemes please include a dimensioned plan of proposed pipe routes.</b>	

### Heating System:

<b>Emitter Type:</b> <div style="display: flex; flex-direction: column; align-items: flex-start;"> <input style="width: 40px;" type="checkbox"/> District Heating                     <input style="width: 40px;" type="checkbox"/> Radiators                     <input style="width: 40px;" type="checkbox"/> UFH                     <div style="border: 1px solid black; width: 100px; height: 20px; margin-top: 5px;"></div> Other (Please Specify)                 </div>	<b>Hydraulic Break:</b> <div style="display: flex; flex-direction: column; align-items: flex-start;"> <input style="width: 40px;" type="checkbox"/> Buffer Cylinder                     <input style="width: 40px;" type="checkbox"/> Low Loss Header                     <input style="width: 40px;" type="checkbox"/> Multi Fuel Store                     <div style="border: 1px solid black; width: 100px; height: 20px; margin-top: 5px;"></div> Other (Please Specify)                 </div>
<b>Will there be any additional integrated heat sources?</b> <input style="width: 150px;" type="text"/> (e.g. Oil Boiler, Stove/AGA etc.)	
<b>Pool Heating</b>	
<b>Is pool heating required?</b> <input style="width: 50px;" type="text"/> (Yes/No)	<b>Where is the pool located?</b> <input style="width: 100px;" type="text"/> (Indoor/Outdoor)
<b>Req. Pool Temperature:</b> <input style="width: 40px;" type="text"/> °C (Default: 32°C Indoor, 28°C Outdoor)	<b>Is pool covered when not in use?</b> <input style="width: 50px;" type="text"/> (Yes/No)
<b>Pool Dimesnions:</b> Length <input style="width: 40px;" type="text"/> Width <input style="width: 40px;" type="text"/> Depth <input style="width: 40px;" type="text"/> m (Use <u>average</u> pool depth)	<b>Pool usage:</b> <input style="width: 100px;" type="text"/> (Default: 365 days for Indoor, May-Sept for Outdoor)

### Hot Water Requirements:

<b>Is domestic hot water required?</b> <input style="width: 50px;" type="text"/> (Yes/No)	<b>No of outlets:</b> <div style="display: flex; flex-direction: column; align-items: flex-start;"> <input style="width: 40px;" type="text"/> x Baths                     <input style="width: 40px;" type="text"/> x Showers                     <input style="width: 40px;" type="text"/> x Wash Hand Basin                     <input style="width: 40px;" type="text"/> x Kitchen / Utility Sinks                     <div style="display: flex; align-items: center; margin-top: 5px;">                         Other <input style="width: 40px;" type="text"/> x <div style="border: 1px solid black; width: 100px; height: 20px; margin-left: 5px;"></div> </div> </div>
<b>Cylinder size required:</b> <input style="width: 50px;" type="text"/> Litres	
<b>Will solar thermal be integrated:</b> <input style="width: 50px;" type="text"/> (Yes/No)	
<b>Is a specific reheat time required?</b> <input style="width: 50px;" type="text"/> Hours (From 10°C cold)	
<b>High flow rate appliance:</b> <input style="width: 50px;" type="text"/> = <input style="width: 50px;" type="text"/> l/s (e.g. Drench shower) (Flow Rate)	

### Additional Notes:

### Internal Use:

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