



MCS GUIDANCE DOCUMENT



Biomass Energy Calculation



The MCS biomass calculator provides a method for carrying out the design calculations required by MIS 3004.

Its use is optional and Installers may choose to use their own calculations as long as these comply with the requirements of MIS 3004. Please note that the calculator is compatible with Microsoft Excel and if you are using alternative software we cannot ensure compatibility. If you are experiencing compatibility issues then you may wish to open the document using the free online version of Excel.

- All yellow cells must be filled. White cells cannot be altered.
- If you have less than 20 rooms to calculate, select "No Room" in row 12 in the relevant column. If no room is selected then please ensure that you enter any inputs as 0.
- Numbers on the Design Calculations page in column G and P in the format [101] refer to page 25-27 of MIS 3004. The corresponding box explains exactly how to make the calculation.
- All yellow cells must be answered with a number. If letters or "0" is entered, an error will be returned and the compliance certificate will say #VALUE! or #DIV/0!
- If no additional heat source is required, do not input "0" into the cell. Rather, select from the drop-down box "No Aux Heat Source".
- The Compliance Certificate (CC) is filled in from the HC Calculations page. Once the information has been filled in, the CC will be automatically be filled in. You can then export the CC page as a PDF to attach it back to the MID for the relevant MCS Certificate.

MCS welcomes all feedback on the calculator. We will then collate any feedback and issue periodic updates. If you do have any feedback on the calculator please submit this to: feedback@mcs-certified.com

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AMENDMENTS ISSUED SINCE PUBLICATION

Document No:	Approval:	Amendment Details:	Date:
1.0		First issue.	
1.1		Updated for the replacement of brand elements including fonts and logos.	04/07/2019

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