

Aspect ID	Description	Tolerance/ Requirement	Max Mark	Mark Awarded
A1	Module 1 Top			
A1.1	Top Front Square to round Manual/Autocad pattern developed overlay including flanges and bend	R <1.5mm on 8 points (2 marks) R <3mm on 8 points (1 marks) R >3mm on 8 Points (0 marks)	2	
A1.2	Top Rear Square to round Manual/Autocad pattern developed overlay including flanges and bend	R <1.5mm on 8 points (2 marks) R <3mm on 8 points (1 marks) R >3mm on 8 points (0 marks)	2	
A2.1	Top Height (to the joint gap) measured in 2 places from surface plate	175mm +/-1mm	1	
A2.2	Assembly Top and Flue Height measured in 2 places from surface plate	375mm +/- 1mm	2	
A2.3	Top Length measured in 2 places	300mm +/- 1mm (Inside)	1	
A2.4	Top Width measured in 2 places	250mm +/- 1mm (Inside)	1	
A2.5	Top Flatness measured from surface plate using feeler gauges	<1mm Yes/No	1	
A2.6	Flue Diameter measured in 2 places at open end	100mm Inside diameter +/- 1mm	1	
A2.7	Top to Flue Joint Stitch welds 6 places	6 x 25mm welds equally spaced +/- 2mm Yes/No	1	
A2.8	Module 1 Item Top to Flue Joint fit up of 4 places < 0.5mm	<0.5mm Yes/No	1	
A3.1	Top/Flue/Lid Forming/folding continuous and smooth	Yes/No	3	
A4.1	Top seam joints fully welded Before re-finishing	Visual inspection as per BS 4872 meeting profile Yes/No	3	
A4.2	Flue seam joint fully welded Before re-finishing	Visual inspection as per BS 4872 meeting profile Yes/No	1	
A4.3	Lid seam joint fully welded Before re-finishing	Visual inspection as per BS 4872 meeting profile Yes/No	1	
A4.4	Lid seam joint fully welded Before re-finishing	Visual inspection as per BS 4872 meeting profile Yes/No	1	
A5.1	Top welds appearance after refinishing	Welds dressed back and returned to a No 4 finish Yes/No	2	
A5.2	Flue weld appearance after refinishing	Welds dressed back and returned to a No 4 finish Yes/No	1	
A5.3	Sheet metalwork free from dents and scratches	Yes/No	1	

A5.4	All exposed edges deburred	Yes/No	1
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