

Please read the instructions printed at the end of this form. **One** of these sheets, suitably completed, should be attached to the assessed work of **each** candidate.

Specification Code	1496	Unit Code	4878		Year	2	0	0	
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Centre Name	Centre Number				
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Candidate Name	Candidate Number				
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Evidence: A product design specification and a design solution for a manufactured product, working from a customer design brief.

Criteria			Teacher Comment	Location	Mark
a1 Produce a design specification from a given design brief. <div style="text-align: right;">0 1 2 3</div>	a2 Produce a detailed design specification using customer feedback and associated information. <div style="text-align: right;">4 5 6</div>	a3 Justify the final design specification by explaining how customer feedback and associated information were used. <div style="text-align: right;">7 8 9</div>			
b1 Use their design specification to produce ideas for a design solution. <div style="text-align: right;">0 1 2 3</div>	b2 Explain the use of their design specification in developing ideas for their final design solution. <div style="text-align: right;">4 5</div>	b3 Fully justify their choice of a final design solution from a range of ideas. <div style="text-align: right;">6 7</div>			
c1 Identify health and safety issues that arise in making their product. <div style="text-align: right;">0 1 2 3 4</div>	c2 Identify the quality control procedures that would be used in each stage of making their product <div style="text-align: right;">5 6 7</div>	c3 Evaluate quality control, quality assurance and total quality management applied to making their product. <div style="text-align: right;">8 9</div>			
d1 Use diagrams, sketches and other appropriate methods to present their design solution to the customer. <div style="text-align: right;">0 1 2 3 4 5</div>	d2 Use diagrams, sketches and other appropriate methods, including modelling, to explain their design solution to the customer. <div style="text-align: right;">6 7 8</div>	d3 Use diagrams, sketches, working drawings and other appropriate methods, including modelling, to justify their design solution to the customer. <div style="text-align: right;">9 10</div>			
e1 Identify the manufacturing processes that would be used to produce their product in quantity. <div style="text-align: right;">0 1 2 3 4 5 6 7</div>	e2 Identify the stages and associated quality assurances that will be used to manufacture their product. <div style="text-align: right;">8 9 10 11</div>	e3 Evaluate and justify the stages and associated quality assurances they will use in the manufacture of their product, with particular reference to 'real world' manufacturing. 12 13 14 15			
Total/50					

Guidance on Completion of this Form

- 1 **One** sheet should be used for each candidate.
- 2 Please ensure that the appropriate boxes at the top of the form are completed.
- 3 Circle the mark awarded for each strand of the marking criteria in the appropriate box and also enter the circled mark in the final column.
- 4 Add the marks for the strands together to give a total out of 50. Enter this total in the relevant box.