

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

<b>Specification Code</b>	<b>1492</b>	<b>Unit Code</b>	<b>4866</b>	<b>Year</b>	<b>2</b>	<b>0</b>	<b>0</b>
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<b>Centre Name</b>		<b>Centre Number</b>				
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<b>Candidate Name</b>		<b>Candidate Number</b>			
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**Evidence: A product design specification and a design solution for an engineered product from a customer design brief.**

Criteria			Teacher Comment	Location	Mark
<b>a1</b> Produce a design specification from a given design brief. <b>0 1 2 3</b>	<b>a2</b> Produce a detailed design specification using customer feedback and associated information. <b>4 5 6</b>	<b>a3</b> Justify their final design specification by explaining how they used customer feedback and associated information. <b>7 8 9</b>			
<b>b1</b> Demonstrate a basic level of accuracy in drawing, using appropriate drawing standards. <b>0 1 2 3</b>	<b>b2</b> Use drawing techniques and appropriate standards accurately in developing a range of design ideas. <b>4 5</b>	<b>b3</b> Fully justify the use and accuracy of the drawing techniques that they have used to develop their design ideas. <b>6 7</b>			
<b>c1</b> Identify health and safety issues related to their design solution. <b>0 1 2 3 4</b>	<b>c2</b> Identify the quality control procedures that would be used in each stage of making the product in their design solution. <b>5 6 7</b>	<b>c3</b> Evaluate quality control, quality assurance and total quality management applied to making the product in their design solution. <b>8 9</b>			
<b>d1</b> Use diagrams, sketches and other appropriate methods to present their design solution to the customer. <b>0 1 2 3 4 5</b>	<b>d2</b> Use diagrams, sketches and other appropriate methods, including modelling, to explain their design solution to the customer. <b>6 7 8</b>	<b>d3</b> Use diagrams, sketches and other appropriate methods, including modelling, to justify their design solution to the customer. <b>9 10</b>			
<b>e1</b> Identify the engineering processes that would be used to produce their final product. <b>0 1 2 3 4 5 6 7</b>	<b>e2</b> Identify the stages and associated quality assurances that will be used to make their final product. <b>8 9 10 11</b>	<b>e3</b> Evaluate and justify the stages and associated quality assurances they will use to make their final product, with particular reference to 'real world' engineering. <b>12 13 14 15</b>			
<b>Total/50</b>					

## 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.
- 4 Add the marks for the strands together to give a total out of 50. Enter this total in the relevant box.