

Questions	Judgements for acceptable answers	Key evidence seen or heard	A	M	E
3 Develop a brief		<i>(Assessor to complete for key evidence not included in the submitted student material)</i>			
3a Give me a range of factors which you think are important to consider in order to ensure success?	3a A range of key factors is identified covering the following areas: i) societal, ii) stakeholders, iii) knowledge, iv) resources.		<input type="checkbox"/>		
3b Why are these factors important if you want to successfully solve the issue?	3b The influences (implications) for each of their key factors are identified.		<input type="checkbox"/>		
3c How do these factors influence or depend on each other?	3c The interactions (dependencies) between key factors are explained.			<input type="checkbox"/>	
3d What do you consider is the order of importance of these factors?	3d The key factors are prioritised, either singly or in groups.			<input type="checkbox"/>	
3e What is your initial brief?	3e The initial brief contains i) a conceptual statement describing the issue and proposed solution, ii) at least one specification for each key factor.		<input type="checkbox"/>		
3f What changes did you make to your initial brief after consulting stakeholders?	3f Evidence of ongoing stakeholder consultation and that any necessary changes have been made to the brief.		<input type="checkbox"/>		
3g What other changes did you make in order to reach your final brief, and why?	3g Evidence is given that the brief has been refined where necessary as a result of: i) research into legal and ethical considerations, and/or ii) research into other solutions, and/or iii) concept development, and/or iv) resource availability and/or v) relevant codes of practice.		<input type="checkbox"/>		
3h What is your final brief?	3h The final brief is shown which clearly has specifications against which the final solution can be evaluated. The brief presented provides the opportunity to address the issue. 3h The final brief presented has specifications addressing the implications of the prioritised key factors.		<input type="checkbox"/>	<input type="checkbox"/>	

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<p>4 Development of the solution</p> <p>4a Present your final solution?</p> <p>4b Show or describe the development of your solution.</p>	<p>4a The final solution is seen and it addresses the issue.</p> <p>4b A clear process of development is shown or described. This includes:</p> <ul style="list-style-type: none"> i) ongoing stakeholder consultation. ii) ongoing research and evaluation. iii) modelling of ideas. 	<p>(Assessor to complete for key evidence not included in the submitted student material)</p>	<input type="checkbox"/> <input type="checkbox"/>		
<p>5 Implementation of the solution</p> <p>5a How did you implement the solution?</p> <p>5b How did you show fitness for purpose?</p> <p>5c Justify the viability of your solution.</p>	<p>5a The final solution is located in its intended environment and tested.</p> <p>5b The student demonstrates the solution is fit for purpose in addressing the issue.</p> <p>5b The student demonstration shows the solution is fit for purpose in addressing both the issue and the concerns of the key stakeholders.</p> <p>5c The viability is described/justified by each of:</p> <ul style="list-style-type: none"> i) meeting all the specifications of the brief. ii) addressing the possible social and environmental impacts. iii) meeting the likely demand. iv) addressing the availability of resources for its maintenance. 		<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6 Overall comment (assessor to complete)