Assignment 8

The due date for submitting this assignment is 22/06/2018.

1. The diagram below shows the cross-section of a mechanical component. Using the dimensions given, calculate the cross-sectional area of the component.

2. A metal casting has a weight of 150 kg. Determine the cost of producing the casting if the cost is $0.05 per kg.

3. A casting process is to be used to produce a component. The casting defects rate is 2%. Determine the number of castings required to produce 1000 defect-free castings.

4. A metal casting has a weight of 150 kg. Determine the cost of producing the casting if the cost is $0.05 per kg.

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