

MECH3271:Total Quality Management

Assignment

1. State the principles of TQM. List out the obstacles associated with TQM implementation.
2. Define ‘Quality costs’. Discuss in brief about the analysis techniques for ‘Quality costs’.
3. Explain the basic steps involved in ‘Strategic quality planning,
4. Discuss the importance of ‘Quality’ in manufacturing and service systems.
5. Discuss in detail the relationship between quality and market share.
6. Explain the 4 types of ‘Competitive advantage’ in quality management.
7. What is meant by ‘Quality Management System’? Discuss the key responsibilities and authority for maintaining the integrity of Quality Management Systems.
8. Explain the relationship between total quality management and organizational culture.
9. Describe the methods laid for Customer supplier relationships as related to quality management.
10. What are ‘Check sheets’? Discuss the steps involved for constructing of 'Check sheets'.
11. What are ‘Flow Charts’? Discuss the process of constructing of a ‘Flow chart’ by taking a suitable example.
12. Explain as how ‘Ishikawa Fish bone diagrams’ are applied as quality tools in automobile firms.
13. Give a broad classification of ‘Control charts’.
14. Discuss as how Poka-Yoke programs are implemented in Organizations.
15. Explain the significance of Control charts in Quality management.