

Assignment 1/ Manufacturing Requirements and Planning

1. What is a jig?
2. What is a fixture?
3. What is the purpose of using jigs and fixtures in manufacturing?
4. How are jigs and fixtures different from each other?
5. What are the common types of jigs used in manufacturing?
6. What are the common types of fixtures used in manufacturing?
7. How do jigs and fixtures improve production efficiency?
8. What are the benefits of using jigs and fixtures?
9. What considerations should be made when designing jigs and fixtures?
10. Can jigs and fixtures be used in industries other than manufacturing?
11. Define the term Tool design.
12. Mention the factors influencing tool design.
13. Mention the factors influencing tool design.
14. What are the elements of jigs and fixtures?
15. What are inspection devices?
16. What are the essential features of jigs?
17. Define locating devices.
18. Define locating devices.
19. Define clamping devices.
20. Define clamping devices.