

MECHANICAL ENGINEERING

1. What are super critical boilers and mention its temperature range?
2. Explain various defects in casting?
3. Pelton wheel is suitable for which type of head?
4. How the valve of I.C. engines is operated?
5. How the Hydraulic Turbines are classified?
6. Explain Rankine Cycle with practical application?
7. What are Friction Losses in open & closed channel?
8. Which are the major losses in thermal power plant?
9. Define zeroth law? Why it is known as zeroth law?
10. Differentiate between steam power plant and gas power plant on the basis of efficiency?