

Lesson 6. Performance evaluation of boilers

Question Bank

1. List out the advantages of using water as a heating medium in thermal applications
2. The enthalpy of feed water at 35°C and 1 atm pressure is _____ kCal kg⁻¹
3. The capacity of boiler is given in terms of _____
4. The ratio of heat energy available in steam to the energy available in boiler fuel is given as _____
5. List out various parameters to be observed during the performance assessment of boilers.
6. Give the detail procedure for the calculation of thermal efficiency of boilers.