

THERMAL ENGINEERING

List of experiments:

1. I.C. Engines valve / Port Timing Diagrams.
2. I.C. Engines Performance test (4 – Stroke Diesel Engine)
3. I.C. Engines Performance test on 2 – stroke petrol engine.
4. Evaluate engine friction by conducting a morse test on a 4 stroke Multi cylinder petrol engine.
5. Evaluate engine friction by conducting retardation test on 4 stroke diesel engine.
6. Heat balance on IC Engines.
7. Determination of A/F Ratio and volumetric efficiency on IC ENGINES.
8. Determination of Economical speed test for fixed load on 4-stroke engine.
9. Performance test on variable compression ratio engine.
10. Dis-assembly / assembly of engines.
11. Performance test on reciprocating air-compressor unit.
12. Study of boilers.