

SYLLABUS FOR EXAMINATION

Syllabus of First Class Boiler Attendant Examination:

- (a) Working and management of steam boiler, super-heater and economiser.
- (b) Use and purpose of various valves, cocks, mountings, fittings and safety devices.
- (c) Description and function of BFP, feed injector, feed regulator, feed water filters and softeners, feed heaters, air heaters, clarifiers, accumulators, F.D.Fans, I.D.Fans .
Draft system and draft control devices.
- (d) Combustion system, Overall efficiency of boiler.
- (e) Description and principles of stokers, pulverisers, gas, Oil and pulverized fuel systems.
- (f) Cleaning method of boiler, PH value of water.
- (g) Detect defects in boiler and remedial measures.
- (h) Start up of boiler, economiser.
- (i) Putting out of economiser.
- (j) Instrumentation of boiler
- (k) Cause and effect of corrosion of boiler.
- (l) Use of water softener
- (m) Principles on which feed pump and injector works.
- (n) Prevention of smoke
- (o) Purpose of super-heater, economiser, feed heater, Forced and induced draft appliances and stokers.