

Holds a B. Sc. in Mechanical Power Engineering and has about 10 years hands-on experience, including 5 years working in boiler maintenance of Assiut Thermal Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/07/1976
Marital Status : Single

EDUCATION

: B. Sc. in Mechanical Power Engineering, Assiut University, 2001

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: MS Project

TRAINING COURSES AND CERTIFICATIONS

: Operation and maintenance of the steam boilers natural and forced circulation types (2 weeks).
: Skills of taking decision and manage by aims (one week).
: Communication skills & the ways informal roles influence groups and teams (one week).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2006 till now
Employer : Upper Egypt Electricity Production Company (UEEPC)
Project : Assiut Thermal Power Plant (2x312MW)
Job title : Boiler Maintenance Engineer
Job Description : Maintenance of large capacity boiler (1085 ton. steam/hour – 185 bar) and its auxiliaries, forced and natural circulation type:

- Maintenance of fuel oil system (tanks, lines, traps, heaters, filters, pumps, burners and its contents, etc.).
- Maintenance of chemical dosing pumps.

- Maintenance of (boiler water circulating pumps).
- Maintenance of re-boiler system and its equipments.
- Maintenance of many types and sizes of manual & control and motorized valves (globe, gate, butter, ball, needle, shut-off, etc.) and many types of electric and pneumatic actuators and safety valves.
- Maintenance of large capacity heat exchangers (fuel oil heaters, steam air pre-heaters, re-boilers, gas air heaters and cooler for lubricating oil of gear box for gas air heaters).
- Maintenance of forced draft fans and its equipments.
- Maintenance of gas re-circulating fans and its equipments.
- Familiar with fire fighting system.
- Familiar with vibration measurement and alignment.
- Familiar with types of materials and ASME specifications.
- Familiar with preparing spare parts lists for equipments.
- Familiar with WPS & Heat treatment and NDT for metals.
- Overhaul maintenance for large steam boiler (drum inspection and its contents, headers inspection so buck stay and hungers, safety valves test, labing and change, soot blowers inspection and repair, coils inspection for thickness, supporting, washing, furnace inspection, burners inspection and its nozzles and dampers too, gas air heaters inspection for sector plates, seal plate, clearance for axial and redial seal, buskets, ducts and its gear box lubricating, bearing and backing too, fans and its bearing clearance, seals and lubricating, pumps and its lubricating, etc.
- Under the supervision of Ansaldo - Italy replacement and erection of reheat and superheat coils for boiler of 1052 ton. steam / hour – 183 bar, natural circulation) so a complete welding jobs and testing done.
- Under the supervision of Mitsubishi Heavy Industries LTD participating in making of ILA for boiler of 1085 ton. steam / hour - 85 bar.
- Familiar with construction of scaffolding.
- Familiar with checking all martial arrives from suppliers.
- Studying & analysis all prices estimate for all types of procurements attempts for the boiler.
- Participated in major maintenance program in 2010 that replacement flue gas duct, intermediate, cold end baskets and seal plate of the air pre-heater.

Dates : From Jun. 2002 till Mar. 2006
Employer : The Arab Contractors for Utilities, Operation & Services Co. S.A.E.
Project : Water & Waste Water Treatments

Dates : From 2001 till 2002
Employer : New Cooler
Project : Air Conditions