

102900-MEC-1CGMOS-E-1990
Steam Generator General Manager

Holds a B. Sc. in Mechanical Power Engineering and a Diploma of Thermal Engineering. Has about 34 years of experience in electricity production steam power plants in operating and maintenance of mechanical equipment in steam generators. Specialist in various types of higher capacity steam generators and its auxiliaries & mechanical service and expertise in Site Management, Project Management, Implementation, construction, commissioning and coordinating.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 13/10/1964
Gender : Male
Marital Status : Married
Residence : Assiut

EDUCATION

- : B. Sc. in Mechanical Power Engineering, Assiut University, 1990
- : 2 years Diploma of Thermal Engineering, Assiut University, 2000

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

- : Training on steam power stations in institutes specialized in training, such as the North Cairo Institute and the South Cairo Institute.
- : Job training in ASSIUT thermal power plants for operations and maintenance for 350MW & 650MW steam generator.
- : Training for English language in American Egyptian Center.
- : Training in occupational safety, health and industrial security.
- : Maintenance of steam generators and pressure parts in Egyptian Engineering Syndicate.
- : Corrosion and wear resistance in metals in Egyptian Society of Engineers.
- : Steam Power Plant 300MW operation for 9 weeks in ENEL Italy (1995).

- : Heat recovery system for 750MW combined cycle thermal power plant maintenance for 4 weeks in Belgium (2009).
- : QUALITY control inspection for fabrication SH heating coils & RH heating coils for 650MW steam generator for 1 week in Italy by AC Boiler (2020).
- : Supercritical steam generator for 650MW power plant operations training for 4 weeks in Italy by AC Boiler (2022).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2016 till now
Employer : Upper Egypt Electricity Production Co.
Project : Assiut Thermal Power Plant
Job title : GENERAL MANAGER FOR SUPERCRITICAL STEAM GENERATOR 2200 ton/hr steam capacity
Job Description : Responsible for Boiler contract entirely in terms of reviewing the terms of the contract and following up on implementation, starting with inspecting and receiving shipments of equipment, construction and installation of the equipment, conducting all necessary tests, certificate of conducting the commissioning of the all systems, and issuing the initial acceptance certificate (construction completion certificate) for completing the work, then starting the performance test and the reliability test.

Dates : From 2014 till 2015
Job Description : Responsible for receiving and installation of the equipment of mobile 2x25MW simple cycle gas turbines power station.

Dates : From 2001 till 2014
Employer : Upper Egypt Electricity Production Co.
Project : Assiut Thermal Power Plant 2x350MW
Job title : Maintenance Engineer at steam generators

Dates : From 1994 till 2001
Employer : Upper Egypt Electricity Production Co.
Project : Assiut Thermal Power Plant 2x350MW
Job title : Operation Engineer

Dates : From 1993 till 1994
Project : Transformers Substation 500KV in Assiut
Job title : Operation Engineer

Dates : From 1990 till 1993
Employer : Egyptian Army
Project : Military Service
Job title : Reserve Officer

- Field of experience :**
- Leading and directing a team work and following up on performance and necessary guidance.
 - Reviewing contracts documents for sub critical cycle and supercritical pressures steam power plants.
 - Commissioning Mechanical Engineer for the various stem power plant systems.
 - Following up on the implementation of the construction and installation of various station equipment.
 - Extensive experience in welding high- pressure and high-temperature pipes and choosing the best and appropriate types of welding wires according to international welding codes.
 - Developing various maintenance schedules for station's equipment and systems in accordance with maintenance instructions manual for each equipment and implement those maintenance.
 - Carrying out much overall maintenance for the boiler (2x350MW).
 - Carrying out life assessment for 350MW boilers.
 - Carrying out life rehabilitation by changing all evaporator or furnace tubes for 350MW boilers.
 - Carrying out change of all superheating coils and reheating coils for 350MW boiler.
 - Selection and estimation of spare parts needed to perform.
 - Developing the necessary specifications and conditions for purchasing spare parts.
 - Performance analysis of power plant stations to identify the causes of low efficiency and avoid them.
 - Valves (SAFETY VALVES, Globe – Gate – Ball -Needle – check – Butterfly - control valve) maintenance & lapping for valves – check the spare parts and change (seat, disk, stem) for valves such as (safety – atomizing – drain – vent – shutoff for gas and oil fuel - deluge v/v for fire fitting system valves).
 - Maintenance of pumps (centrifugal - diaphragm pump - submerged pump) such as (oil fuel Pump, air heater wash p/p, service water p/p, blow down submerged p/p, additive p/p) & make Alignment for pumps – check the spare parts and change (shaft, impeller, mechanical seal, bearing....) for pumps.
 - Maintenance of fans (forced draft fan – gas recirculation fan - seal air fan - flame scanner fan -stack fan) – check the spare parts and check and change the bearing & oil rings for forced draft fan and make Alignment for fans & check the coupling and greasing it for fans & wash the forced draft fan.
 - Air preheater: change the cold and hot basket & radial and axial seal plate & upper and lower bearing & free wheel and fan of air motor for air preheater and adjustments all the clearance for the air preheater.
 - Steam coil air heater: how test the steam coil heater and repair pipe which has leakage.
 - Repairing gas spuds & oil gun.
 - Measuring the vibration on rotational machine and analyses the problem.
 - Putting Plans for all activity to achieve the best to minimize the time to finish the work.
 - Dealing with administrative duties.
 - Good contractual knowledge.

- International standards.
- General knowledge of project control, tendering and planning.
- Construction and general safety management.
- Project Management.