

Holds a B. Sc. in Mechanical Engineering and has over 11 years hands-on experience working in maintenance and commissioning at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/11/1986
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Engineering, Aswan University, 2010

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD (2D & 3D)
: HAP
: Maximo Asset Management

TRAINING COURSES AND CERTIFICATIONS

: On-shore training in feed water pump & condensate pump at Hyosung Good Spring Inc. (Sep. 2018).
: On-shore actuator valve, model AWT training at Rotork (Jan. 2015).
: On-shore maintenance and operation training at Mitsubishi Heavy Industries (Aug. 2014).
: Engineering Center, Faculty of Engineering, Alexandria University: training on Diesel Engine and Trouble Shooting (May 2013).
: On-shore maintenance training at TERMOKEMIK CORPORATION, Italy (Nov./Dec. 2012).
: American Society for Non-destructive Testing (ASNT): Training on NDT Method: Ultrasonic Testing, Level of Qualification: (II) Two, Product Form: Plate, Forging and Casting (from Feb. till Apr. 2012).

- : Infinity Training & Development, Alexandria, Egypt: training on HVAC system (Design, Installation and Maintenance) (from Dec. 2011 till Jan. 2012).
- : Safety cycle of Ministry Civil Defense (Jan. 2012).
- : ICDL

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2018 till now
- Employer** : Orascom Construction
- Project** : Assiut Combined Cycle ADD-ON (2x750MW) Project
- Job title** : Team Lead Mechanical Commissioning, Start-up & Maintenance Engineer
- Job Description** :
- Responsible for corrective, preventive, predictive, periodic maintenance activities and major inspections in the power plant.
 - Responsible for the entire commissioning of DOOSAN HRSG, tasks included but not limited to hand over from construction \ hydro test \ chemical cleaning \ steam blow \ restoration (piping and HRSG equipment) \ valve calibration mechanical and instrumentation, perform required tests for different equipment as per GE commissioning book instructions, Following up with team the performance of HRSG equipment.
 - Supervise the installation, maintenance, repair and testing of mechanical stationary and rotary equipment in the plant.
 - Entering data for maintenance activates with MAXIMO software for pumps, valves, compressor and turbine.
 - Assist the Project Manager in contacts with Client representatives for the handover of the plant.
 - Commissioning and maintenance of Air-Cooled Condenser (ACC).
 - Responsible for power station warranty.

- Dates** : From Feb. 2011 till Apr. 2018
- Employer** : West Delta Electricity Production Co. (WDEPC)
- Project** : New Abu Qir Thermal Power Plant (2x650MW), Alexandria
- Job Description** :
- From 2015 till 2018 (Maintenance Engineer):
 - Mar. 2017: Replacing Main feed water Pumps:
 - ❖ Dismantling two feed water pumps manufactured by Sulzer and installing two new pumps manufactured by KSB.
 - ❖ Installing new minimum flow valve and rerouting for the pump's lines and minimum flow line according to pipe isometric drawing, and checking pipe stresses.
 - ❖ Review all WPS, PWHT, NDT and all documents.
 - ❖ Receive all material supplied by KSB for cooling water and lubrication oil, and fabricate all pipes according to the drawing.
 - ❖ Flushing for pump suction line and oil lines.
 - ❖ Commissioning pumps and all related equipment.
 - ❖ Coordinate all work done at site.
 - Jan. 2016: Supervision for Minor overhaul of HIP, LP turbines includes control valves and bearings (dismantling, inspection, testing, repairs or replace).

- Jun. 2015: Hydro and function test Inspector for Min Flow Control Valves manufactured by KOSO at Nashik, India.
- Jun. 2015: Hydro, Seat closure and function test Inspector for Manual and Motorized valves manufactured by KSB at Coimbatore, India.
- From 2011 till 2014 (EPC Engineer):
Ensure assigned jobsite operations are in compliance with specifications and drawing, completed on schedule, within budget and to quality standards, review and closing contract documentations, checking and receiving materials and spare parts at site, for following packages:
 - PO-110: Feed water Heaters, Consortium of LG International Corp. and BHI CO, LTD (Supply all LP and HP Heaters).
 - PO-112: Critical Valves and Piping, Seonghwa Industrial Co. Ltd, South Korea (Supply all critical piping, valves, thermowells and supports).
 - CP-118: Mechanical equipment, Critical and non-critical piping installation, Consortium of AVIC and ZTPC (Erection and installation for all piping systems, installation and commissioning for all mechanical equipment).
 - PO-109: Feed water pumps and Minimum flow valves for feed water pumps, SULZER (Supply for Main feed water pumps, circulating water pumps and service water pumps).
 - CP-111: Water and wastewater treatment, TETMOKIMIK Corporation.
 - CP-102: HVAC and Firefighting systems, Orascom Construction Industries Company.
 - CP-123: Administrative Building, Egyptian Contracting Company (ELABD) Installation of five chilled water units with 50 fan coil units.
 - CP-118: Mechanical equipment's, critical and non-critical piping installation HVAC, Firefighting, Consortium of AVIC and ZTPC.

Field of experience : Ensure assigned jobsite commissioning and maintenance with over 11 years' experience are in compliance with specifications and drawing, completed on schedule, within budget and to quality standards, ordering, checking and receiving materials and spare parts, preparation of predictive, preventive, modification and major shutdown maintenance program for turbine, HRSGs, compressors, water treatment, rotary and stationary machines, pumps, MOV, control and manual valve, Firefighting systems and HVAC in the power stations.