

Holds a B. Sc. in Mechanical Engineering and has over 7 years hands-on experience working in construction, maintenance, operation and start-up at Power Stations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 13/03/1986
Gender : Male
Marital Status : Single
Residence : Suez

EDUCATION

: B. Sc. in Mechanical Engineering, Higher Technological Institute, 2008

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD 2D

TRAINING COURSES AND CERTIFICATIONS

- : SKF bearing course.
- : ASNT visual test (VT) course level II.
- : Maintenance training for Boiler by Doosan Company (course included hanger, nondestructive inspection, shaft alignment, boiler auxiliaries and safety valve), South Korea (Oct./Nov. 2011).
- : Training course of Taeon Simulator Operation by Korea Western Power Corporation "KOWEPO" in Korea.
- : Training for Steam Turbine Generator and Auxiliaries by Hitachi Co. in JAPAN (course include turbine design, ball cleaning, lube oil system, seal oil system and vibration system) (Jan./Feb. 2013).
- : Operation and Maintenance training of Thermal Power Plant by Electricity Generating Authority of Thailand "EGAT" in Thailand (Feb. 2013).
- : Training course for soot blower.
- : On-shore training for forced draft fan by Flactwood Company.
- : On-shore training for compressors by Cameron Company.

- : Training course for Control Valve by WEIR Co. on site.
- : Supercritical Thermal Power Plant operation & Maintenance on site.
- : Auxiliary Boiler operation & Maintenance on site.
- : Training course of safety valves by FUKUI Co.
- : Operation & Maintenance Training of Burners by Hamworthy Combustion Training Institute.
- : Training course for commissioning and performance test by DOOSAN Co. on site.
- : Introduction in power stations operation in Ayoun Mousa Power Station.
- : Water treatment course in Ayoun Mousa Power Station.
- : Industrial safety course in Ayoun Mousa Power Station.
- : The Boiler tubes explosion course in Fayed Power.
- : Material Selection course in Egyptian Syndicate of Engineers.
- : Summer trainings at:
 - Suez Oil Processing Co. (from May till Jul. 2005).
 - Belayim Petroleum Co. (from May till Aug. 2006).
 - Egypt Air Co. (from May till Aug. 2007).
 - Nasr Petroleum Processing Co. (from May till Jul. 2008).
- : ICDL certificate.
- : AMIDEAST English course.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2014 till now
- Employer** : East Delta Electricity Production Co. (EDEPC)
- Project** : El Ain El Sokhna Supercritical Thermal Power Plant
- Job title** : Mechanical Maintenance Engineer in the Boiler Maintenance Dept.
- Job Description** :
- Maintain Burners, FD fan, GR fan, sootblowers, Pneumatic, Hydraulic, Motorized, Manual & Electric Actuator Valves.
 - Make daily reports.
 - Implement and supervise yearly preventive and daily maintenance on various pumps, fans, valves, heaters and condensers for boiler and distillers.
 - Plan and supervise short and long term preventive maintenance for Auxiliary boilers and distillers.
 - Preparation and cancellation of permit to work such as confined space, hot work, and live permits on every maintenance and repair work done.
 - Encoding all maintenance activities and data in Amplissima.
 - Conduct performance evaluation on personnel under its area of responsibility.
 - Perform other duties that may be assigned.
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- Dates** : From Jan. 2011 till Sep. 2014
- Employer** : East Delta Electricity Production Co. (EDEPC)
- Project** : El Ain El Sokhna Supercritical Thermal Power Plant
- Job title** : Mechanical Construction Engineer in the Boiler Dept.

- Job Description** :
 - Review drawings and applicable documentation of the project.
 - Witnessing all field tests including Dye penetrate test (DPT), ultrasonic test (UT) Radio graphic test (RT), air leaking test and vacuum test.
 - Perform (fuel /water) tanks Visual inspection.
 - Check material quality and verify the doc. of the received material.
 - Checking fit up of the joint before start welding operation as per the detailed drawing (root gap, bevel angle, surface mismatch).
 - Good ability to make dimensional inspection for piping, plate work and steel structure items according to applied drawings and client specs.
 - Ability to perform various tests like (hydro test, holiday test, and leveling test).
 - Experience in welding/mechanical repair of pressure vessels, piping, pipelines & tanks.
 - Fully conversant with Isometric, P&ID's and general arrangement drawings, as built preparation & modification as per site requirements.
 - Witnessing the Welder Qualification test for welders as per ASME sec: IX.
 - Inspections done in compliance with ASME Sec V, VIII, IX, B31.1.
 - Witnessing of pressure testing of pipes, vessels (hydro/ pneumatic).
 - Identifying & issuing of non-conformity as observed during working.
 - Witnessing the Fit up, Alignment & welding of Boiler Wind Box (Internal & External).
 - Witnessing wind box air leakage test.
 - Final Punch Listing of tanks/pipes before handover to Client.
- Dates** : From Jan. 2010 till Sep. 2011
- Project** : Ayoun Mousa Thermal Power Plant
- Job title** : Mechanical Operation Engineer in the Boiler Dept.
- Job Description** :
 - Assist and operate Turbine / Boiler & Auxiliary equipments.
 - Conduct fuel delivery inventory and computation.
 - Start-up and shutdown for thermal units.
 - Observe any changes and variation in factors for these units.
 - Solve any operation problems.