

Holds a B. Sc. in Mechanical Power Engineering and a Diploma in Power Stations. Has over 11 years hands-on experience in DCS unit operation, Boiler operation, Auxiliary unit operation processes, maintenance and overhaul..

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/03/1984
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2006
: Diploma in Power Stations, Alexandria University, 2009-2010

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2012

TRAINING COURSES AND CERTIFICATIONS

: Summer trainings at:

- Egyptian Electricity Authority, Sidi Krir Project (Jul. 2004).
- Alexandria National Refining Petrochemical Co. (ANRPC) (Aug. 2004).
- Alexandria Portland Cement Company, Lafarge Titan Egypt (Jul. 2005).

: CS3000 Fundamentals for operation at YOKOGAWA Middle East B.S.C. (C) – BAHRAIN (Jan. 2010).
: English: IELTS Certified.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2015 till now
Employer : Al-Rawaf Trading & Contracting Co. (KSA – Qassim)

Job Description :

- Working in the heavy Overhaul of "Reverse Osmosis desalination unit".
- Preventive and emergency maintenance of all types of pumps (Centrifugal and Positive displacement).
- Maintenance Engineer for Water Treatment system (Anions – Cations) Resins.
- Maintenance Engineer for HYPO-Chloride Injection System.

Dates : From Mar. 2013 till Feb. 2015
Project : SIDI KRIR Power Plant Combined Cycle CCGT (3x250MW)
Job title : Operation Engineer for Gas Turbine
Job Description :

- Safe start and shutdown for the unit.
- DCS Unit Operation Processes.
- HRSG Operation Processes.
- Auxiliary Unit Operation Processes including:
 - Gas Turbine and its auxiliary system (Mitsubishi) 250MW.
 - Vertical Alstom HRSG (HP, IP, LP) (250MW).
 - Mitsubishi STG 250MW.

Dates : From Feb. 2012 till Mar. 2013 (part time)
Employer : POWER SYSTEM PROJECT (PSP)
Project : New Abu Qir Thermal Power Plant 2x650MW
Job Description :

- Working as Operation & Commissioning Engineer for Turbine Auxiliaries and prepare Steam Blowing at First fire.
- Start-up of the unit (CP-118).
- Operate & Commission Multi Effect Desalination (MED Desalination unit (2 x 5000 ton/day).

Dates : From Nov. 2007 till Feb. 2012
Project : SIDI KRIR Power Plant STG (2x320MW)
Job title : Shift Charge Engineer
Job Description :

- Participate in all power steam unit tests (Heat rate - Run back loads - Run down loads).
- Responsible for Preparing Safety Permits, Work orders, Work Access Orders for the whole unit.
- Field Process Engineer, responsible on preparing all system locally such as:
 - Main Turbine and its auxiliary system (SIEMENS):
 - Turbine DCS operation and safe start-up & shut down & all its auxiliaries (seal oil, lube & control oil, seal steam, vacuum pumps, charging generator hydrogen).
 - Supervise Start-up, Normal and Shutdown Operation for steam turbine vacuum breaker, saving margin & its tolerance stress.
 - Main Boiler and its auxiliary system (BABCOCK):
 - Boiler DCS operation and safe start-up & shut down (gas & mazout firing) all its auxiliaries (air heater, forced fans, calibration for air to fuel ratio, re-boiling system, soot blower system, dual burners).
 - Supervise Start-up, Normal and Shutdown Operation for the

whole unit utilities (condensate water system, Service water system, Circulating water system, steam turbine pump, axial pumps, regeneration heaters, aux header & Aux boiler Compressed Air System).

- Desalination Plant (Hitachi):
 - Responsible on safe operation & maintenance for Multi Stage Flash chamber desalination MSF (20 chambers, 5000 t/day capacity) Plant (Hitachi) and its auxiliaries (including: Steam Brine Heater System, Condensate Return System, Brine Recalculating system, Blow Down system, Distillate Intake system, Ejectors Evacuation system & Acid Cleaning system).
- Hydrogen Plant:
 - Start-up and Commissioning and Shutdown the Hydrogen Plant (15 m³/hr).