

Holds a B. Sc. in Mechanical Power Engineering and has about 8 years hands-on experience working in operation, commissioning and start-up at Power Stations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/04/1990
Gender : Male
Marital Status : Married
Residence : Suez

EDUCATION

: B. Sc. in Mechanical Power Engineering, Benha University, 2011

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

- : Training course in ALSTOM GERMANY operation and maintenance for steam turbines (2016).
- : Hitachi Co.: training for operation and maintenance of steam turbine and generator.
- : Doosan Co.: training for operation and maintenance of supercritical boilers.
- : Cameron Co.: training for operation and maintenance of air compressors.
- : Summer trainings at:
 - Suez Oil Company (Jul. 2010).
 - Suez Oil Processing Co. (Aug. 2009).
 - Ataka Power Station (Aug. 2008).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2018 till now
Employer : East Delta Electricity Production Company

Project : El Ain El Sokhna Supercritical Power Station
Job title : Shift Charge Engineer

Dates : From 2013 till 2017
Employer : East Delta Electricity Production Company
Project : El Ain El Sokhna Supercritical Power Station
Job title : Start-up & Commissioning Engineer

Dates : From 2011 till 2013
Employer : East Delta Electricity Production Company
Project : Ataka Power Station
Job title : Operation DCS Engineer

- Field of experience** :
- Attend and witness all equipment commissioning activates testing, lube oil and control oil flushing, initial operation and heat run tests for all HITACHI & DOOSAN & Intec auxiliaries 2x650MW steam unit.
 - Steam Blow.
 - Start-up and Shut-Down procedures for thermal power plant 2x650MW (cold, warm and hot Start-up).
 - HITACHI Turbine & auxiliaries' operation and reporting the equipment condition during operation after that works as turbine operation and keep the turbine in service in hard situation and monitoring all system:
 - Lube oil system.
 - Control oil system.
 - Stator cooling system.
 - Seal oil system.
 - Gland steam system.
 - Hydrogen cooling system.
 - Closed cooling system.
 - Pressure and temperature for main steam and reheat steam.
 - Vibration and temperature for all bearings.
 - Vacuum system.
 - Rotor temperature and Rotor position.
 - Shaft voltage.
 - DOSSAN Boiler & auxiliaries' operation and reporting the equipment condition during normal operation and monitoring all system:
 - Force Draft Fans system.
 - Gas Recirculation Fans system.
 - Fuel Gas system.
 - Seal Air Fans system.
 - Purge Air Fans system.
 - Main Steam temperature.
 - Main Steam pressure.
 - Responsible for safely operate super critical boiler, turbine, auxiliaries, and a diesel generator. Very good background of P&ID, logic diagram, function description and operation philosophy.
 - Directing and guiding the operation team, coordinate the Job with the

other departments for ST (steam turbine) area, and BOP (balance of plant) area.

- Monitoring the performance of staff and operational support contract staff to ensure optimum delivery from the plant.
- Analyze and propose resolution on operational issues and concerns defects and alarms reports (e.g. Workshop Repair Request, Field Improvement Proposal, and Construction Work Request & Problematic Well Advice) in collaboration with offshore and onshore support departments (e.g. Maintenance Department) to ensure maximum uptime of the field/terminal.
- Maintain all shift operations and maintenance documents.
- Providing leadership and technical direction to skilled laborers performing work on customer site to ensure work activity meets the requirements of the customer.
- Assist the Plant Manager in implementing company policies, SOPs, safety procedures, energy conservation guidelines and environmental regulations.
- Ensure that plant is designed to maintain continuous operations as per contract/ customer dispatch request.
- Maintaining strong safety mindset to assure the executed work reflects the technical requirements.
- Coordinate with Maintenance Supervisor on maintenance servicing, overhauls and test/commission.