

Holds a B. Sc. in Mining & Petroleum Engineering and has over 15 years hands-on experience, including 12 years in operation at Sidi Krir Power Plant and 3 years as Mechanical Instructor.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 22/10/1983
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mining & Petroleum Engineering, Suez Canal University, 2005

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD (14, 2000, 2002, 2004)

TRAINING COURSES AND CERTIFICATIONS

: Conversation English Course, AUC (2006).
: ICDL (International Computer Driving License) (2008).
: CS3000 Fundamentals for operation at YOKOGAWA MIDDLE EAST B.S.C. (C) – BAHRAIN.
: "Train the trainer" at Saudi Electricity Company.
: "Competency Based Training" at Saudi Electricity Company.
: "Awareness of requirements Quality Management System ISO 9001:2008", TUV NORD at Saudi Arabia.
: "Preparing the internal auditor for Quality Management System ISO 9001:2008", TUV NORD at Saudi Arabia.
: "Common faults for steam power stations" at ABU QIR Training Center.
: "Vibrations and Equilibrium of Rotary Machines" at ABU QIR Training Center.
: Summer training for 1 month in "Abutartur" for phosphate.
: Summer training for 6 weeks to have survey project.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2016 till now
Project : Sidi Krir Power Plant (2x320MW)
Job title : Operation Shift Supervisor

Dates : From Apr. 2013 till Jan. 2016
Employer : Saudi Electricity Company
Job title : Senior Mechanical Instructor
Job Description : I have been participated and charged for:

- Theoretical and Practical Training of large power plants operation, steam and gas, SPO basic Electricity & instrumentation and all power plants equipment and auxiliaries for Ghazlan steam power plants (4x675MW).
- Training the trainees practically (through field visits) on the main and auxiliaries' components for Ghazlan steam power plants (4x675MW), Qurrayah PP (4x450MW), and for the curriculum or course, is to do field visit to Qurrayah CCPP (6x700MW) as needed.
- Coordination with the Operation Department of power plant for the approval of the trainees to attend and follow up the steps of operation for unit's start-up and shutdown and maintenance work during shut down in periodic or major overhauls as much as possible.
- Training Industrial safety in Arabic, for the security and protection of personnel and equipment to power plants in line with the regulations of the Saudi Electricity Company and according to international standards and specifications of the 5-Star Safety Management System.
- Experience in the management and direction of trainers and trainees, guidance through self-development, high-efficiency training and multiple training skills.
- Prepared periodically, a lesson plan, pacing schedule, prepared periodically feedback on the training curriculum and weekly tests for the curriculum to be trained.
- Join the quality and improvement team in the Training Institute as a coordinator for an Internal Audit process under attend and complete the training course for awareness and preparing internal auditor for OMS, according to the specifications of ISO 9001:2008.

Dates : From Apr. 2012 till Apr. 2013
Project : Sidi Krir Power Plant Units 3 & 4 (BOT)
Job title : Field Engineer
Job Description : I have been participated and charged for:

- Responsible for shift to shift safe operation of all equipments associated with the power generation facility by using DCS.
- Responsible for power generation facility system inspection and system alignments during start-up an shutdowns to ensure safe and correct operations of the system equipments, during normal and emergency operations.
- Proceed air compressor operation and programming.
- Participated in plant activities and plant first start-up and operation.
- Maintain system and equipment operation within vendor's specifications

and guidelines.

- Document equipment performance by maintaining complete and accurate log sheets.
- Co-ordinate safety with regards to maintenance shift work activities (isolation, placed tags and placing equipments back in-service according vendor's specifications).
- Write work order and LOTO for maintenance using J.D. Edwards.
- Participated in pre-commissioning activities reviewing engineering drawing and have the ability to conduct system walk down and generating punish list.
- Very good knowledge for safety OSHES18001 and environment Iso14001.

Dates : From Jul. 2007 till Apr. 2012

Project : SIDI KRIR Power Plant (2x320MW)

Job Description :

- Control Room (DCS) Process Engineer:
 - Safe start and shutdown for the unit.
 - DCS unit operation processes.
 - Boiler operation processes.
 - Auxiliary unit operation processes including feed water pumps, both turbine and electrical.
 - Desalination Plant: operate Multi Stage Flash Chambers (MSF), 2x5000 ton/day.
- Field Process Engineer:
Responsible on preparing all system locally such as:
 - Main Turbine and its auxiliary system: Start-up, operation for turbine: operation e.g. turbine start-up and normal operation and its auxiliaries' processes including Main Vacuum Pumps, Seal Steam System, Seal Oil System, Lube Oil & Control Oil System.
 - Main Boiler and its auxiliary system: Boiler start-up and normal operation and its auxiliary's processes including Combustion Air System, Air Heater System, Gas & Mazout fuel System, Gas Recirculation System.
 - Unit Auxiliary Systems: Compressed Air System, condensate water system, Service water system, Circulating water system, hydrogen gas system and Feed Water System by Boiler Feed Water Pumps and its Lube Oil and Control Oil.

Field of experience :

- Boiler operation processes e.g. boiler start-up and normal operation air control, fuel control, soot blowing, both natural gas and oil (Mazout) fire.
- Turbine operation e.g. turbine start-up and normal operation.
- Responsible on preparing safety permits, work orders, work access orders for the whole unit.
- Supervision for work order course (EMPAC program).
- Operator multi stage flash chambers (2 x 5000 ton/day).
- Unit auxiliary's operation processes including: feed water pumps, both turbine and electrical, (drum level control); circulate water pumps (sea pumps), condensate pumps, service pumps, closed cycle.