

Holds a B. Sc. in Electrical Power Engineering and has over 2 years experience in CCR operation and field operation for combined cycle power plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/06/1994
Gender : Male
Marital Status : Single
Residence : Kafr El-Sheikh

EDUCATION

: B. Sc. in Electrical Power Engineering, Assiut University, 2017

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Revit
: ETAP
: Dialux
: Tiaportal, Sematic step 7 and Wincc

TRAINING COURSES AND CERTIFICATIONS

: Training at El-Atf Combined Cycle Power Plant (3x250MW).
: Instrumentation.
: Industrial PLC programming.
: Classic control.
: Power system distribution.
: Earthling system designing and installation.
: Turbomachines (pumps, compressor and fans).
: ICDL

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2018 till now
Employer : ORASCOM COMPANY
Project : NEW ASSIUT COMBINED CYCLE POWER PLANT 1500MW
Job title : CCR Operation Engineer
Job Description :

- Participate in operation the DCS (Distributed Control System) for 8 CTG (GE 125MW frame 9E), 8 HRSG DOOSAN and 2 STG (GE 250MW frame D202) start-up and shutdown operations under supervision of GE operation team.
- (Accordance to equipment vender recommendation and guideline both in normal and emergency situation).
- Operate the DCS (Distributed Control System) for BOP start-up and shutdown operations in my company scope that has closed cooling system, condensate system, ACC (air-cooling condenser), vacuum system, chemicals like ammonia and phosphate skids, demine system and service water system.
- (Accordance to equipment vender recommendation and guideline both in normal and emergency situation).
- Participate in all test for plant such as reliability run test, load rejection test, performance test, overspeed test, tightness test and valves test.
- Ensure performance monitoring is carried out and plant is optimized.
- Monitor and control all process parameter conditions such as flow rates, pressures, temperatures, levels, etc. make process adjustments. Through displays, graphics and trend logs or by acquiring plant site information from field operator to ensure safe efficient and smooth process operation.
- Document plant performance with regards to shift work activities, defect reporting, fault reporting and writing revision and review of operational procedures.
- Trouble shooting and takes immediate corrective actions to limit risk to personnel, plant equipment and production during emergency situations and Report to Shift Supervisors in case of parameter abnormalities and process deviations immediately.
- Identify and investigate the faults and inform the concerned departments for fast action and diagnose and resolve day to day operational problem according to work permits.
- Adhere to Company's HSE policy, standards and approved operating procedures while performing the duties and tasks.

Dates : From May 2018 till Oct. 2018
Employer : ORASCOM COMPANY
Project : NEW ASSIUT COMBINED CYCLE POWER PLANT 1500MW
Job title : Field Operation Engineer
Job Description :

- Identify systems and sub-systems by marking up of PID's system definition and shop drawing for electrical system and review operating manuals in cooperation with Vendors.
- Participate in performance test preparation and taking results of gas turbine GE CTG-9E.
- Testing and commissioning for steam turbine system (lube oil, seal oil,

- lifting oil, hydraulic oil and generator cooling system with hydrogen).
- Making walk down and Develop punch list procedure and exception list according to operational requirement of the owner and standard code.
 - Find out technical problems associated with electrical power distribution machinery and rotating equipment and mechanical packages/valves are identified and resolved or coordinated with the respective vendor.
 - Preservation for heat recovery steam generator (HRSG) after chemical cleaning and for along stop duration.
 - Detect, solve and report any abnormalities or malfunctions in the equipment or facilities and handle spare parts for power plant equipment and connect with maintenance team to prepare, follow-up and report maintenance activities of the equipment and facilities ensuring safety for personnel and preservation of the equipment in order to maintain plant reliability.
 - Observe and collect data from all machinery and equipment in my area of responsibility as per operating procedures and safety regulations to maintain plant productivity.
 - Perform local operations as instructed according to approved procedures and run or stop machines at local area following to operating and emergency procedure.
 - Handover Shift Log, report and activities to the incoming shift Field Operator to ensure proper and smooth plant operation.
 - Ensure that all safety and precautionary requirements and procedures are followed during the commissioning.

Dates : From Jul. 2017 till Dec. 2017

Employer : EL IBRAHIMIAH COMPANY FOR FOOD INDUSTRY

Job title : Field Operation Engineer

Job Description :

- Responsible for operation and maintenance of sortex devices (3x120 channel and one 360 channel).
- Preparing Material Request.
- Worked as a Field Local Operator for factory component:
 - Compressed air systems (service and instrument air).
 - Motors and it's automation.
 - Package machines.