

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 13 years' experience working in maintenance, operation, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 08/01/1987
Gender : Male
Marital Status : Married
Residence : Assiut

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Assiut University, 2009

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: Make Inspection of HYUNDAI Power Transformer in HHIB Factory.
: Make Inspection of Hyosung power Transformers in Hyosung Factory.
: Gas Turbine Operations FRAME 9E Dual Fuel Gas / Liquid.
: EX2100e Excitation System.
: Mark VIe Maintenance training.
: Operation of GE gas turbine FRAME 9E for one month in El-Shabab Power Plant.
: SCS system operation by Siemens.
: Operation and control of electric motors in Society of Electrical Engineers.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2019 till now
Employer : Badr Petroleum Co. (Shell JV in Egypt)

Project : Obayied Field, Egypt

Job title : E&I Expert Turbine Engineer

Job Description :

- Responsible for operation GE gas turbines MS 5341PG under Mark V controls systems.
- Supervision and executing the preventive, corrective and predicative maintenance of GE gas turbines Frame 5, technically complete work orders and ensure correct through SAP computerized maintenance management system.
- Permit to work (PTW) applicant, preparing the maintenance activities in accordance with company's safety regulations and procedures, also preparing the task risk assessment (TRA) for all turbine department activities and attend the daily TRA / PTW meeting.
- Updating PMR procedures for GE gas turbines Frame 5 according to the manufacture's manuals & company safety regulations.
- Following up & review spare parts required for turbine department, spare parts stock levels, spare parts quotations and inspection of materials after arrived to warehouse, raise required material stock proposals.
- Prepare the annual budget for Turbine department (Capex / Opex / Minor Projects).
- Successfully performed one Hot Gas Path Combustion Inspection plus (CI+) on GE Frame 5.
- Successfully performed two Hot Gas Path Combustion Inspection (CI) on GE Frame 5.
- Experience with GE Mark V Control System & Ability to understand and implement technical drawings (Electrical drawing, P&ID, General Arrangement, etc.).
- Successfully testing and commissioning new generator BRUSH 25MVA type DG 185ZL-04.
- Working on Old Alstom Excitation System Type C10/120-M2.
- Technical report writing.

Dates : From Nov. 2014 till Aug. 2019

Project : Assiut Power Project 8x125MW Simple Cycle

Job title : Electrical Maintenance & Commissioning Engineer

Job Description :

- Maintenance, testing and commissioning of HYUSONG power transformer with different ratings (220/15.75, 15.75/6.6KV).
- Maintenance, testing and commissioning of HYUNDAI power transformer with different ratings (220/15, 15/6.6KV) and Dry Type Transformer (6.6/.4KV).
- Maintenance, testing and commissioning of ALSTOM GENERATOR CIRCUIT BREAKER.
- Maintenance, testing and commissioning of motors with different voltages and rating (6.6, 0.4KV).
- Maintenance, testing and commissioning of Schneider MV and LV.
- Maintenance, testing and commissioning of ABB MV and LV.
- Working on Siemens GIS (8DN9).
- Working on EX2100e Excitation System.
- Operate the GE Frame 9E units.
- Start-up and Shutdown safely.
- Monitoring all of the unit's condition and the required check.

- Testing, Maintenance & commissioning of Transformers up-to 310MVA.
- Testing, Maintenance & commissioning of Circuit Breakers.
- Testing, Maintenance & commissioning of CTs up-to 220KV.
- Testing, Maintenance & commissioning of VTs up-to 220KV.
- Testing of protections relays of the following types (Schneider SEPAMS10, S40, S60, S80 / GE G60, T60 / ABB: REL610, RET615, REM620 / Siemens: 7SA522, 7SA612, 7UT612, 7SD).
- Testing and commissioning Brushless GE Generators 125MVA & BRUSH GE Generators.
- Good user of the following test equipment like (Omicron: CMC356, CPC100, CT Analyzer / ISA: DRT6, PRIMARY injection / Hypotronics: DC-HIPOT / Megger - Programma: Sverker).

Dates	:	From Jan. 2010 till Nov. 2014
Project	:	Assiut Steam Power Station
Job title	:	Electrical Maintenance & Operation Engineer
Job Description	:	<ul style="list-style-type: none"> • Maintenance and testing of ABB power transformer with different ratings (132/33, 15/220, 15/6.3KV). • Maintenance and testing of EBG distribution transformer with different ratings. • Maintenance and testing of motors with different voltages and rating (3.3, 0.4KV). • Maintenance and testing of ABB circuit breaker with different voltages and rating up to 132KV. • Maintenance of the disconnecters and bus bar. • Implementation of programs of periodic maintenance, preventive maintenance. • Responsible for operation of the steam generation units such boiler, steam turbine, generator, transformer and its auxiliaries (start-up, shut down, normal operation and abnormal operation) to achieve the optimum and economical operation. • Carrying out troubleshooting with electrical and mechanical maintenance departments and proper isolation for equipments. • Carrying out the switching programs for the interconnected system (132, 33KV). • Execute the proper and safe isolation for electrical equipment as per requisition of electrical maintenance department to attend the maintenance needed for it.