

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 9 years hands-on experience working in construction, maintenance, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : Apr. 1986
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, El-Minia University, 2008

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: PLC programming with ladder logic

TRAINING COURSES AND CERTIFICATIONS

- : Course in Variable speed drive (VSD) for industrial control at Oil & Gas Skills (OGS), Cairo (May 2016).
- : Course in Electric earthing & lightening electrical safety system at Oil & Gas Skills (OGS), Cairo (May 2013).
- : Course in PLC (Programmable Logic Controller) Siemens S7-200 (Nov. 2008):
 - Experience with installing and operating PLC devices.
 - Experience with programming the PLC Ladder Diagram.
- : Course in AutoCAD software at Minia University Computer Center (Mar./Apr. 2008).
- : Middle Egypt Company for Electricity Distribution: Attending summer training in Electrical power fields (Overhead T.L - cables - Power Transformers - Circuit Breakers - ... etc.) (Jul. 2007).
- : Trained in Egyptian Sugar & Integrated Industries Company: Attending summer training in Electrical power field (induction motors - generators - Transformers -control - Circuit Breakers - etc.) (Jul. 2006).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2010 till now
Employer : Khalda Petroleum Co.
Job title : Electrical Maintenance Engineer in electrical department (gas plant)
Job Description :

- Operation and maintenance of electrical equipment (Power generators 11KV, PMS Systems, Motors medium voltage, Motors low voltage, Power transformers, Compressors, UPS Systems, Battery chargers, Motor control centers, Variable speed drive VFD, medium and low voltage switchgear and gas wellhead control).
- Carry out preventive and major maintenance programs for electrical equipment in the gas plant as per safety rules and work permit system in gas plant industry.
- Execute all preset maintenance plans according to the predetermined schedule using oracle system.
- Receive the maintenance requests from operators for sudden breakdowns and take the proper fast measures required to repair them in a minimal time possible.
- Lead and assist in system troubleshooting and repairs. Work with maintenance staff to determine the root cause of all electrical failures and develop / implement solutions to stop recurrence.
- Provide leadership, coaching and direction to shift technicians in all aspects of their work.
- Electrical Authorization for Low voltage & 11KV Switching Isolation / De-Isolation system.
- Ensure availability of the spare parts and submit stock amended request for additional spares.
- Contact vendors to obtain information for specification and maintenance of electrical equipment including identifying required spare parts.
- Carry out commissioning tests for all new equipment.
- Review any electrical engineering project drawings.
- Provide technical advice and assistance, and makes recommendations based upon field observation and maintenance needs.

Dates : From Dec. 2008 till Mar. 2010
Employer : Pharaohs for Engineering Company
Job Description :

- Electrical Engineer (experience in electrical and control systems design, installation, maintenance, commissioning and start-up) in water treatment plant and R.O station.
- Design PLC and SCADA system for R.O plant based on Siemens S7-200, 300 and WINCC.
- Installation and Operation motor control centers / control panels, electrical installation and PLCs systems for R.O plant.
- Installation and Calibration of Electrical and Mechanical devices for a Water Treatment Plant such as:
 - Electric operated Pumps (direct on line and Variable speed drive) (with different ratings).
 - Automatic Valves.
 - Analytical Instruments such as PH Meters, Conductivity meters and TDS.

- Level transmitters.
- Flow transmitters.
- Liquid Pressure transmitters.
- Installation and Operation Chlorine dosing system (ITT Portacell).