

100341-ELE-2CDPT-E-2003
Senior Electrical Project Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 18 years of experience with maintaining electrical systems, creating technical drawings and designing new devices.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/09/1979
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Mansoura University, 2003

LANGUAGES

Arabic : Native Language
English : Excellent
French : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: MS Project
: Programming: Basic, Visual Basic, Fortran and C

TRAINING COURSES AND CERTIFICATIONS

: P1 Training - Helwan Electricity Training Center.
: HONORS & AWARDS:

- GE Grid for dedication and hard work in Jazan Economic city.
- GE Grid for dedication and energization 14 OHL in Al-Madaya Substation.
- GE Grid for Balgarn Project for solving issue holding the energization.
- GE Grid for Safety Excellent Focus on the Projects Site.
- GE Grid for Energization of Sabya west Substation.
- GE Grid for Energization of Khamis North Expansion.
- GE Grid for Great Achievements.
- GE Grid for Accomplishment of Complex Activities.
- GE Grid for Empower and inspire each other.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2022 till now
Employer : Saudi Electricity Company, Jazan – KSA
Job title : Senior Electrical Project Engineer
Job Description :

- Maintain logs and supervise RFIs, Daily Reports and Submittals on web-based program.
- Negotiate and maintain relations with vendors and subcontractors.
- Support Project Manager with electrical project establishment and closeout.
- Perform electrical developments executing quality, operation and safety enhancements to firm's production lines.
- Conduct design of electrical engineering, parameters and review.
- Ensure to make decisions related to electrical engineering principles application to operation problems and requirements proposed.
- Perform with technical specialists like electrical engineering, process and automation to resolve complete requirement.
- Develop and review of complex electrical project calculations.
- Prepare documented design inputs.
- Review design inputs and review of engineering drawings.
- Prepare and review equipment along with material parameters.
- Prepare reports and study existing technical information clearly and precisely to attain client requirements.
- Participate in project electrical work plan development.
- Prepare BOQ and project executions.
- Guide project installation and commissioning on final load testing.

Dates : From Sep. 2014 till Apr. 2021
Employer : GE Renewable Energy – KSA
Job title : Lead Commissioning Specialist
Job Description :

- Prepare project SOW of commissioning part with complete responsibilities of each main and Subcontractors.
- Prepare and editing gate review of project.
- Preparation of site works Evaluation.
- Erection and testing plan preparation.
- Coherence between schedule and site quality plan or inspection and test plan, safety/environment, site quality system.
- Site management and supervision resources workload defining.
- Developing project commissioning schedule.
- Tracking and analysis project scope.
- Management project schedule, budget, scope, quality and resources.
- Team development and managing stakeholder engagement.
- Assuring that every effort is made to //meet project schedule within budgeted effort hours allotted along with proper quality.
- Attending required meetings with clients and directly representing to clients during project time.
- Reviewing all engineering, design, schematic drawings to assure conformance with
- Client and/or Company specifications, governing codes and technical expert to team.

- Developing methods and procedures to improve efficiency of discipline.

Dates : From Dec. 2012 till Dec. 2014
Employer : Arabian Bemco Services Co. – KSA
Job title : Senior Testing & Commissioning Engineer
Job Description :

- Prepare project SOW of commissioning part with complete responsibilities of each main and Subcontractors.
- Prepare and editing gate review of project.
- Preparation of site works Evaluation.
- Erection and testing plan preparation.
- Coherence between schedule and site quality plan or inspection and test plan, safety/environment, site quality system.
- Site management and supervision resources workload defining.
- Developing project commissioning schedule.
- Tracking and analysis project scope.
- Management project schedule, budget, scope, quality and resources.
- Team development and managing stakeholder engagement.
- Attending required meetings with client and directly representing to clients during project time.
- Reviewing all engineering, design, schematic drawings to assure conformance with.
- Developing methods and procedures to improve efficiency of discipline.

Dates : From Oct. 2006 till Dec. 2011
Employer : EETC
Projects :

- Bear El-Abed 220KV Substation
- Taba 500KV Substation (from Jun. 2007 till Jul. 2008)
- Sharm El-Sheikh 220KV Substation (from Feb. 2007 till Jun. 2007)

Job title : Lead Protection Engineer
Job Description :

- Assist in engineering work such as design specifications, costs estimates, root cause analysis, reliability improvement and work schedules.
- Perform routine and repetitive engineering tasks in support of system protection and substation communications engineering, primarily related to substation controls and protective relaying engineering.
- Prepare engineering documents such as drawings, specifications and procedures, and assembles engineering packages for projects.
- Gather data for engineering studies and performs engineering calculations.
- Assist as needed, in development of departmental budgets including analysis required providing explanations of budget variances and financial spending forecasts.
- Provide technical assistance and direction to operating and maintenance personnel and customer representatives relating to transmission and substation issues.
- Assist in response to electrical system emergencies on 24-hour basis to system control center(s) and field organizations.
- Assist in analysis of system operations using fault recorders, event recorders and recorded alarms.
- Maintain engineering records and files.

- Perform other duties and responsibilities as may be assigned.

Dates : From Jul. 2004 till Sep. 2005
Employer : Egyptian Air Defense Forces
Project : Military Service
Job title : IT Specialist & Network Administrator

Dates : From Oct. 2000 till Apr. 2001 (before graduation)
Employer : ITE Company at Mansoura
Job title : Technical Support

Accomplishments:

- Testing and Commissioning Coordinator for JAZAN University Substation 132/13.8KV in JAZAN, Saudi Arabia.
- Testing and Commissioning of Al-Haraja Substation 132/33/13.8KV in South Region, Saudi Arabia.
- Testing and Commissioning of Al-Dayer Substation 132/33/13.8KV in South Region, Saudi Arabia.
- Testing and Commissioning of Habouna Substation 132/33/13.8KV in South Region, Saudi Arabia.
- Testing and Commissioning of KEC 1 Substation 110/13.8KV in Madinah, Saudi Arabia.
- Testing and Commissioning Coordinator of SABYA North Substation 132/33KV in Jazan, Saudi Arabia.
- Testing and Commissioning of Sakaka Substation extension Remote ends 132/33/13.8KV in Al-Jouf, Saudi Arabia.
- Commissioning of Tubarjal 132/33/13.8KV substation in Al-jouf City, Saudi Arabia.
- Commissioning of Albawadi 110/13.8KV substation in Jeddah City, Saudi Arabia.
- Commissioning of Albastin 110/13.8KV substation in Jeddah City, Saudi Arabia.
- Commissioning of Madayah 380/132/33KV substation Jazan City, Saudi Arabia.
- Commissioning of Jazan Economic city 380/132/33KV substation Jazan City, Saudi Arabia.
- Testing and Commissioning Coordinator of SABYA West Substation 132/33/13.8KV in Jazan, Saudi Arabia.