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Career Objective

BSc in Electrical Power Engineering from Mansoura University with 4 years-experience in various energy projects. Willing to find a relevant opportunity at a reputed renewable energy firm. Possess excellent research and data assimilation skills.

Education

Mansoura University

B.Sc in Engineering in Electrical Power & Machines

June 2016

Graduation Project: *Design of Low Voltage Electrical System by Using AutoCAD*

Professional Experience Summary

Project: UTILITY SCALE ON GRID PV POWER PLANT 95.5 MWp on-grid PV power plant in Benban Solar Park, Aswan

Owner: Acwa Power

Contractor: Chint

October 2018-October 2019

Designation: QA/QC Engineer

Description of duties and responsibilities

- QA/QC documentation and review Contractor construction electrical procedures.
- Supervise and Monitor Installation of L.V, M.V and network Cables, Cable tray, Lighting, all electrical equipments, Grounding system, Post Ramming, Tracker Assembly, Modules, etc.
- Conduct Continuity, Insulation resistance, HI-POT, Polarity, PV String I-V Curve, Open circuit voltage and Component testing for Medium Voltage & Low Voltage equipments.
- Responsible for equipment installation and energizing of electrical equipment to pre-commissioning and commissioning.
- Monitor Quality control on construction progress activities.

Previous Employer: OTAK Trading & Contracting

January 2018-September 2018

Project: UTILITY SCALE ON GRID PV POWER PLANT 2.7 MWp PV-Hybrid solar power plant in the new Capital, Cairo – SolarOptimo Austria

Contractor: OTAK

Designation: Project Engineer

Description of duties and responsibilities

- Reviews engineering documentation. Approves specifications and datasheets related to the materials and components.
- Supervises the laying and termination of LV and MV cables and electrical equipment.
- Inspects the physical works carried out by teams to ensure quality of all construction.
- Ensures the requirements of contract and engineering documentation are carried through to construction.

Previous Employer: Petrojet

May 2017-December 2018

Zohr Development Project

Designation: QA/QC Engineer

Description of duties and responsibilities

- Witness and verify Continuity, Insulation resistance, HI-POT testing for medium & low voltage Cables & Equipment
- Preparation of material inventory

- Issued punch listing for outstanding works
- Check earth tag and bonding are correct to the design requirements
- Installation of Cathodic Protection Systems of Above Ground Storage Tanks & Buried Pipelines

Courses & Trainings

- Leadership Development Program, Tahrir Lounge, Goethe-Institute, August 24-25, 2016
- Soft Skills and Career Development Workshop, IRC, U.S. Embassy Cairo, July 30-31, 2016
- Operating and Maintenance of Automotive cars, MCV, 2016 (2 weeks)
- Solar Power Workshop, 2015
- Electrical Power Distribution System Course, 2015 (36 hours)
- Damietta power Station Training, 2014 (4 weeks)

Extracurricular Activities

- Organizer and coordinator: The International Middle East Power Systems Conference (MEPCON), 15-17 Dec 2015
- Election Monitor for the Egyptian Presidential Elections, 2012
- Facilitator at Fun Science Day, Mansoura University

Volunteer Work

- Green Pan - Oil Recycling Service, 2017
- Member: Life Makers Foundation in Mansoura, 2013

Skills

Technical and Computer skills

- Microsoft Office main tools
- AutoCAD, PVSyst, SketchUp, MATLAB Simulink, Proteus, DIALux

Language skills

- English: Fluent
- Arabic: Fluent

Personal skills:

- Leadership and people management skills
- Ideas-generator and problem solver using creative and novel approaches
- Manpower planning
- Ability to prioritize work effectively both individually and in teams
- Enthusiastic and highly motivated, determined to take on challenges

Personal Data

Date of Birth: 31 July, 1993 | Nationality: Egyptian