

Abdelmaksoud Mostafa Mohamed

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Objective:

Seeking a good position in a well-established firm in the field of electronic and electrical engineering, that helps to improve personal skills and achieve the desired experience

Education:

- **Advanced Studies (Diploma) in Renewable Energy & Environmental Engineering**
- **BSc in Automatic Control & Electrical Engineering**
- Year Of Graduation: **2007**
- **Faculty of Electronic Engineering**
- Cumulative Grade : **Good**

Experiences:

Experience period: 12 years :

- ❖ **Currently Working (March 2019-present)** in **CHINT** Company (EPC Contractor) for **ACWA POWER**(owner) Solar Power Plants (3 plots 43-4 , 42-4 , 3-1) (**Benban- Aswan -Egypt**)

Job description: QA/QC Electrical Engineer

- Performs all **Quality Control** and **Quality Assurance** Activities
- Performs all quality checks as per specifications and quality plan
- Executes all **inspection & check lists** for all electrical works
- Preparing **Daily Reports** regarding to inspection
- Working in **testing and commissioning processes** in the PV plant
- Issues **NCR** as needed
- Maintenance of **site inspection records** and **submission** to customer
- ensuring execution is carried **as per defined SOP's** and **as per approved drawings**



- ❖ **Working (Nov 2018 – Feb 2019)** in **Rowad** company as a subcontractor for **TSK** company (EPC contractor) for **Alcazar** (owner) in project called (**Aten**) **50 MW AC**. This is a plot of **1.8 GW Benban Solar Plants** (**Aswan -Egypt**)

Job description: Senior Electrical Engineer (construction , Commissioning)

- Manage executing all contract electrical works in the site (**Pulling DC , AC Cables , Cables Trenching, Earth Trackers Power & Communication Cables , Cables Termination , CCTV optical fiber cables ,**)
- Supervises the **laying and termination** of LV and MV cables and electrical equipment.
- Inspects the **physical works** carried out by workers to ensure quality of all construction.
- Ensures the requirements of contract and engineering documentation are carried out.
- Ensures **lock-out and permitting** procedures when working with electrical systems.
- Provides the **Electrical Engineering experience** to make informed decisions on contractor quality and execution methods.
- Reviews engineering **documentation** from contractors. Approves specifications and **datasheets** related to the materials and components.
- Supervise and work in **testing and commissioning** works executed for all electrical parts and equipment in the **solar plant , recovering and resolving the problems** noted by commissioning processes (**IV Curve, Ground Checks, Inverter VOC,VLF,Meggering,IR DCBs , Function test for :RS485 ,Inverter, transformer,swich gear, RMU,....**,



- ❖ **Working (Apr 2012 –Nov 2018)** in **NREA (New and Renewable Energy Authority)** Affiliated to **Ministry of Electricity** in **Egypt**.

Job description: Electrical Engineer-II, O&M Project Manager

Zaafarna Wind Farms, Inspection, Construction, Large Corrective

Wind Farms:

- Working as a project manager in the German project in Zaafarana Wind Farms (produce electrical energy equal 80 MW) for all Operating & maintenance processes (Predictive, periodic, preventive, corrective , large corrective,...)
- Troubleshooting for all alarms for all turbines
- Keeping the level of availability, productivity, efficiency for all turbines
- Electrical Substation (Main and Distribution transformers, Switch Gears)



Working (Part time) (2016 – 2018)



- **Electrical Engineer** in **PV solar systems (Design, Construction)** in **EastWatt** Company (<http://www.eastwatt.com>) for different projects with different capacities .

** Achieved Projects in **EastWatt** Company

- Installation of solar power station 5 KW at Elshiekh Zayed City (on grid)
- Installation of solar power station 400W at Sodic West Spa (off grid) to feed landscape garden lighting
- Installation of solar power station 10KW at 6 October City (on grid)

- ❖ **Working (Jun 2010-Mar 2012)** as an **Electro-mechanical engineer** for **Global Energy Services "GES"** Spanish company in Zaafarana wind farms projects under supervision of Gamesa corporation as a contractor of NREA , Egyptian Ministry of Electricity & Energy



Job description:

- Responsible for a site contains 142 wind turbines generating 120 MW of electricity, taking care of operating, preventive maintenance and troubleshooting works for all the machines all over the site and do the commissioning processes for this project with NREA

- ❖ **Working (Apr 2009-Jul 2010)** as a **maintenance engineer** in Irrigation Company for Public works

Job description:

- Responsible for a workshop of heavy tools and equipment working in repairing vehicles, diggers, drillers, cars.

- ❖ **Working (Jan 2008-Mar 2009) (armed forces period)** as **Quality Supervisor** in the Sector of Quality and Inspection for the armored tanks in armed forces workshops No 5 for repairing the Russian tanks – inspecting repaired tanks , Imported Spare parts.

External courses & Training:

- **Intensive Training Course** In **Spain** and **France** Countries for Operating and maintenance for a new model of wind turbine generators (G80) in the faculty of the International company (Gamesa) for the new project (200 MW) in Egypt (Gabal ElZayt Zone) as a donation from **KFW** Development Bank
- Training Course for repairing the blades of wind turbines generators by Mr. Oscar Alfaro (Gamesa instructor for blades repairing). Maintenance of Gamesa wind turbines course by Mr. Daniel Santamaria (GES company legal international responsible of training and technical support).
- PLC (phonics) Course (Introduction).
- **Matlab** Course , **Motorola Microcontroller** Course , **TSX nano PLC** course
- Control Course and **S700 PLC** course in Salzian Institute (DON BOSCO)
- **Electrical Power Systems Distribution** and **Light Current** Course By Jelescope Instructor Eng. M.Tharawt
- **AutoCAD** Electrical Basic Applications.
- **Revit** Electrical Basic
- Electrical Software Programs (**Dialux – Etap – Ecodial**)



courses

- Course about Occupational safety and health administration "**OSHA**" General industry safety and health standards
- Course on Basic Life Support and **First Aid** form **Egyptian Red Crescent**
- Medium voltage distribution panels course
- Training in **South Delta Company of Electricity Distributing** and learn about transformers and high pressure power and transmission lines
- Training through the **armed forces** service in a workshop for repairing the Russian tanks
- Faculty Workshops (arc welding, metal casting, Wood working, Sheet metal working...)



Skills:

Technical skills:

- Able to deal with PLC systems (instrumentation & instrumentation problems troubleshooting)
- Able to deal with different kinds of sensors and measuring instruments.
- Able to deal with protection devices
- Have a good experience in dealing with different kinds of valves
- Complete awareness about active and reactive power and needs for each
- Able to maintain and deal with hydraulic systems
- Awareness of gearboxes
- Able to maintain and deal with air conditioning systems
- Able to maintain and deal with different kinds of transformers and switch gears
- Able to deal with SCADA systems and communication between industrial control devices

Language skills:

- Native Arabic speaker
- Very good in English
- Ability to learn more languages
- Good speaker

Computer skills:

- Ability to troubleshoot any software or hardware problems.
- MS office , establishment networks wired or wireless
- Excellent search ability over the internet.
- Excellent in computer maintenance and hardware and establishment networks

Personal Information:

Date of birth : 10/09/1985
Nationality : Egyptian
Marital status : Married
Military service : performed
Driving license : Valid

Configurations:

Ambition, Curiosity, Confidence, Truth and Sociable, Good appearance, Ability to learn new tasks quickly, Active Working in Team work, Working under Stress & have no restrictions against travel abroad.

Interests and activities:

Computer – Internet – Swimming – Traveling – reading