

Mina Hanna Botros

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Electrical Power Engineer

PERSONAL INFORMATION:

- Date of birth: 26th August 1987
- Nationality: Egyptian
- Gender: Male
- Social state: Married
- Military Service: Exemption

EDUCATION:

B.Sc of Electrical Engineering (Electrical Power & Machines Department) EL- Shorouk Academy

Graduation project grade: very good

General graduation :Good 73%

Graduation year: 2010

PROFESIONAL SKILLS:

Programs related to my study:

- AutoCAD.
- Dialux (Lighting distribution).
- Basics of Matlab.
- Electromechanical Systems Simulator (ESS) (PLC by LG)
- LogixPro Simulator

Other programs:

- Microsoft Word and Power Point
- Professional in using in windows, internet, and installing and maintenance of computer.

Summer Training:

- Paper pyramid mills (FLORA) 7 Monthes (2006,2007,2008,2009)
- South Cairo for electrical power distribution

Training Courses:

- Design of Electrical Work for Projects.
- PLC level one.

Work Experience:

- Site engineer at Kuraymat solar power energy (ISCC) with ORASCOMCI
- Control engineer at Kuraymat solar power energy (ISCC) with DCS by ABB & FSC by FLAGSOL 2010: 2013
- Maintenance engineer at ORASCOM contract (cp102) at Giza North Power generation plant (2013: 2016)
- Construction site engineer with ORASCOM at El Burullus power station plant 4800MW October 2016 till date.
- Senior engineer at ORASCOM at Ministry of Defence New Capital (2018 :2019).
- Team leader at ORASCOM at Data Center (Ministry of Defence New Capital) 2019 : 2022
- Team leader at ORASCOM in RS project 2022 till end of 2022.
- QC engineer at Monorail project January 2023 till date.

Duties and Responsibilities

- Assist in preparing of training manuals and developing training modules for employees to operate solar power plant
- Train employees for operating machines and carrying out general maintenance works
- Maintain record of all machines installed, their periodic maintenance, and relevant details as required
- Assist Commissioning Manager in carrying out preliminary inspection for commissioning machine for use in operations
- Interpret operations instructions for staff to operate power plant
- Train staff to perform general maintenance activities such as change of oil, monitoring vital stats, etc.
- Ensure that safety standards are followed by all employees working on system and plant
- Provide Chief Engineer with necessary feedback on integration process
- Team leader of maintenance team at cp102 Giza North.
- Orascom representative in the start up of the plant meeting
- Responsible of the construction power to all contractors in the site
- Responsible of the Pumps depths, fire pumps, diesel fire pumps.
- Responsible of water treatment station
- Work with Telephone, paging, dect system
- Installing and Maintenance of Construction Power System which consists of:
 - 2 feeder 11 KV to Switch Gear
 - 1 Switch Gear
 - 5 Transformer 11kv/380v
 - 14 Distribution panels LV
- Installation and assembling the transformers in a power station plant, isolated phase duct, GCB and electrical connection and installing instruments inside generator and turbine enclosure at El Burullus power plant station 4800MW.
- Installing all the cable routing in the Ministry of defense Building (about 130 kilo meters (trays, trunks and ladders)), more than 500 electrical rooms routing details.
- Responsible for all electrical installation at Data Center (Transformers, RMU, Medium Cables,, (Lighting, Power, Access, Fire, AUDIO VISUAL, Data, DCIM, SCADA, Earthing, BUS WAY, Public) system.
- Responsible for inspection drawings and executed works , handing over the executed works to the consultant.

LANGUAGES:

- **Arabic language - Mother tongue.**
- **English - very good.**