

**104650-ELE-1CG-E-2014**  
**Senior Electrical Construction Engineer**

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 4 years hands-on experience working in construction field.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 07/12/1991  
Gender : Male  
Marital Status : Married  
Residence : Banha

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Al-Azhar University, 2014

## LANGUAGES

Arabic : Native Language  
English : Very Good  
German : Fair

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: Programming, AutoCAD, Matlab, Electronic work bench

## TRAINING COURSES AND CERTIFICATIONS

: Training at Contractors Arabs Company (Osman Ahmed Osman).  
: Training at Petrobel Belayim Petroleum Company.  
: Course Embedded system engineering in YAT Center.  
: Course of power Distribution Basic.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Oct. 2017 till now  
**Employer** : MEGA FOR CONSTRUCTION & INDUSTRIES  
**Project** : 6 October Power Plant Add-on Combined Cycle (4 units)  
(CP-105 (HRSG 05, HRSG 06, HRSG 07, HRSG 08))  
**Job title** : Senior Electrical Construction Engineer

**Job Description** : 

- For the first we bringing up and installation for mobilization for the site, Offices and lay down area (called yard).
- The works consist of the execution of all the erection activities where required in the documents relevant to the plant and hereby detailed.
- Rigid, Flexible conduits and cable glands.
- Cable trays and covers.
- Lighting and sockets system.
- Metal skin points thermocouples.
- Low voltage, instrumental and control cables (lighting and socket cable excluded).
- Cable connections: execution of connection to power, instrument and control cables. Labeling of the cables according to the documentation.

**Dates** : From Mar. 2017 till Oct. 2017

**Employer** : MEGA FOR CONSTRUCTION & INDUSTRIES

**Project** : Suez Thermal Power Plant (1x650MW gas/oil fired unit), CP-105 (Boilers)

**Job title** : Electrical Construction Engineer / Site Manager

**Job Description** : 

- Responsible for Finishing the Electrical working in this project.
- Installation of conduits & supports in boiler for any system.
- Manage the site for any purpose to be ready for erection at site.
- Finishing the PUNCH LIST for Electrical contract in the Boiler.
- Control handling the material to be handed over.
- Control the man power at site to gain the required productivity.
- Coordinate at site with other contactors to avoid any problems that decelerate the schedule and progress.
- Make the as builds at site if needed.
- Prepare any test remains after construction finished.
- Manage the documents required for system to be handed over for client & owner.

**Dates** : From Jul. 2016 till Feb. 2017

**Employer** : MEGA FOR CONSTRUCTION & INDUSTRIES

**Project** : BURULLUS Combined Cycle Power Plant 4800MW

**Job title** : Electrical Construction Engineer

**Job Description** : 

- Rigid, Flexible conduits and cable glands: Installing or erection of the rigid aluminum conduits including light alloy pulling boxes and conduit angles, fittings. Installing also the flexible conduits will be complete of fitting and erection of cable glands like the same size.
- Cable trays and covers: Installing the aluminium ladder cable trays - edge 150 and erection of cables tray divisors - edge 125, including all special pieces (tee, reduction and others) in accordance to the routing. The earthing connection of the cable trays to the steel structure. Installing all necessary accessories to complete a properly work is including the hot dip galvanized supports, brackets and fixing materials.
- Lighting and sockets system: Erection of lighting fixture including: assembly of body, lamp holder, reflector and lamp. Install of lights of different type: water proof, explosion-proof. Erection of lighting poles erection of the socket system.
- Small equipment in burner area: Install the equipment: as ignition transformers for burner, burner racks, burner flame detector and igniter

flame detector.

- Metal skin points thermocouples.
- Low voltage, instrumental and control cables (lighting and socket cable excluded) included the laying and fixing of power, instrument and control cables.
- Cable connections: execution of connection to power, instrument and control cables. Labeling of the cables according to the documentation.
- Testing for cables power and control: using by Digital Megger Instrument to measure insulation power cables, Digital Multimeter (AVOMETER) to test the connection of the all cables.

<b>Dates</b>	:	From Feb. 2015 till Jul. 2016
<b>Employer</b>	:	MEGA FOR CONSTRUCTION & INDUSTRIES
<b>Project</b>	:	Suez Thermal Power Plant (1x650MW gas/oil fired unit), CP-105 (Boilers)
<b>Job title</b>	:	Electrical Construction Engineer
<b>Job Description</b>	:	<ul style="list-style-type: none"><li>• The works consist of the execution of all the erection activities where required in the documents relevant to the plant and hereby detailed, it shall be clear that this detailed scope of works shall not be considered as exhaustive. Shall be included in the contractor's scope of work the fabrication and erection of steelworks necessary for the equipment. Cabinets, boxes, instruments cable trays. The welding of the steel works shall be according the applicable documents the steel works painting shall be according to applicable painting specification.</li><li>• Rigid, Flexible conduits and cable glands: Installing or erection of the rigid aluminum conduits including light alloy pulling boxes and conduit angles, fittings. Installing also the flexible conduits will be complete of fitting and erection of cable glands like the same size.</li><li>• Cable trays and covers: Installing the aluminum ladder cable trays - edge 150 and erection of cables tray divisors - edge 125, including all special pieces (tee, reduction and others) in accordance to the routing. The earthlings connection of the cable trays to the steel structure .installing all necessary accessories to complete a properly work are including the hot dip galvanized supports, brackets and fixing materials.</li><li>• Lighting and sockets system: Erection of lighting fixture including: assembly of body, lamp holder, reflector and lamp. Install of lights of different type: water proof, explosion-proof. Erection of lighting poles erection of the socket system.</li><li>• Small equipment in burner area: Install the equipment: as ignition transformers for burner, burner racks, burner flame detector and igniter flame detector.</li><li>• Metal skin points thermocouples.</li><li>• GR and FD fan vibration system.</li><li>• CEMS: installation of shelter container, sample probe opacity instrument, interconnect of cables and heat line from CEMS cabinet to stack.</li><li>• Low voltage, instrumental and control cables (lighting and socket cable excluded) included the laying and fixing of power, instrument and control cables.</li><li>• Cable connections: execution of connection to power, instrument and control cables. Labeling of the cables according to the documentation.</li><li>• Testing for cables power and control: using by Digital Megger Instrument to measure insulation power cables, Digital Multimeter (AVOMETER) to</li></ul>

test the connection of the all cables.