

**105589-ELE-45DE-E-2017**  
**Senior Energy Efficiency Engineer**

Holds B. Sc. and M. Sc. in Energy & Renewable Energy Engineering and has over 4 years' experience working as Energy Efficiency Engineer and PV Quality and Production Engineer.

## PERSONAL DATA

Nationality : Egyptian  
Gender : Male  
Residence : New Cairo

## EDUCATION

- : B. Sc. in Energy & Renewable Energy Engineering, Ain Shams University, 2017
- : Master of Engineering in Energy & Renewable Energy, Ain Shams University, 2021
- : Secondary Education: Qaitbay International School, Cairo, 2012

## LANGUAGES

Arabic : Native Language  
English : Fluent  
French : Fair  
German : Basics

## COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Power Point), Internet
- : Revit Electrical
- : Solid Works
- : PVsyst
- : TIA Portal
- : Dialux
- : System Advisor Model
- : AutoCAD
- : EPlan electrical
- : Sketch up
- : Retscreen Expert
- : LEAP
- : HAP

## TRAINING COURSES AND CERTIFICATIONS

- : Certified Energy Manager – Association of Energy Engineers.
- : Certificate of completion – HVAC System Design (40 HR).
- : Revit Electrical (Autodesk authorized certificate).
- : PLC control (Digital industrial applications).
- : Self-Motivation and Mind Mapping - Basic Level.
- : Team Building Event.
- : Internships at:
  - ABB, Power products, low voltage division (Aug. 2015).
  - NREA (New and Renewable Energy Authority) (Aug. 2014).
  - ENTRAG Engineering Group (Jul. 2015).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2018 till now
- Employer** : Petroleum Air Services
- Job title** : Senior Energy Efficiency Engineer
- Job Description** :
  - Establish Energy Baseline, Energy performance indicators (EnPIs) and Energy Objectives.
  - Planning SMART targets to meet with the long-term energy objectives.
  - Check results of action plans, review progress, and eliminate any non-conformities.
  - Prepare database related to energy conservation in cooperation with other departments.
  - Quantify energy usage and determine significant energy uses (SEUs) and their respective control parameters.
  - Establish energy efficient purchasing policy for equipment and services.
  - Prepare quarterly reports about activities implemented and related information.
  - Work on spreading awareness about policies applied and their importance.
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- Dates** : From Feb. 2018 till Jul. 2018
- Employer** : Tiba Solar Factory
- Job title** : PV Quality & Production Engineer
- Job Description** :
  - Supervise the manufacturing process of solar modules.
  - Carry out quality checks and testing on the PV modules at different manufacturing stages.
  - Administrative responsibility of the factory (Problem solving, training and hiring of PV makers).
  - Submit daily reports and quality evaluations.