

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

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/10/1992
Gender : Female
Marital Status : Single
Residence : El-Shorouk City, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Ain Shams University, 2014
: Secondary Education: Tabary El-Shorouk School, 2009

LANGUAGES

Arabic : Native Language
English : Good
French : Basics

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: AutoCAD
: Elecdes software
: Paneldes software
: Primtech software
: Aveva E3D software
: Navisworks software
: Etap software
: CDEGS software
: ERP System
: Connect Cable software
: Bluebeam software

TRAINING COURSES AND CERTIFICATIONS

: AutoCAD course.

- : Elecdes software course.
- : Paneldes software course.
- : Primtech software course.
- : PRESENTATION SKILLS course.
- : COMMUNICATION SKILLS course.
- : Training at El Sewedy Electric.
- : Training at لامش قرهاقلا غيزوتل ءابر هكلا.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Nov. 2015 till now
- Employer** : Elsewedy Electric PSP (EGYPT)
- Projects** :
- Beni Suf Power Plant Project – 4800MW – 2x2x1 – 4 Modules Combined Cycle – 8 SGT5 8000 H Gas Turbines, 8 Heat Recovery Steam Generators (HRSG), 4 SST5 5000 Steam Turbines, 12 SGen5 2000 H Generator Transformer, 4 Cooling towers - Siemens H Class Gas & Steam Turbines, Egypt
 - Aweer Power Station "H" Phase IV – simple cycle with 3 gas turbines "F-class" in Dubai, UAE – DEWA'S (ongoing project)
- Job title** : Electrical Design Engineer
- Job Description** :
- Prepare design calculations and drawings for power plant and substations.
 - Power Plant & Substation overall Layout.
 - Electrical Equipment Arrangement.
 - Designing the Raceways for the H.V, M.V, L.V (Power & Control) and Instrumentation Cables.
 - Lightning System Protection design by using Primtech Software.
 - Preparation the Bill of Quantity for all of above.
 - Designing the Substation Earthing Grid by using Etap and CDEGS Softwares.
 - Performing the Earthing Calculation for the Substation.
 - Designing the Equipment Earthing for the Substation.
 - Designing the Reinforcement Earthing for the Substation.
 - 3D Modeling of Electrical Panels, equipments and junction boxes by using Elecdes Software.
 - Cables Management System (3D Modeling of Cables Raceway "Cable Trays, Cable Ladders, Man Holes, Cable Risers, Ducts and Trenches") by using Elecdes Software.
 - Design of Cables Routing for 30,000 Cables with 2 Million Meters Total Length and preparing of Cable Cards by using Elecdes Software.
 - 3D Modeling for the Power Plant / Substation, Clearance Calculation and Phase Checker by using Primtech Software.
 - Online Integration with site works for cables pulling by using Elecdes Software.
 - Review all the integrated models for all the Substation / Power Plant by using Navisworks Software.
 - Working with Enterprise Resource Planning (ERP) System.
 - Support Procurement, Construction and Commissioning / Start-up activities.

- Coordinating the Electrical Engineering works with consortium partner (Siemens AG) in Beni Suef Mega Project 4800MW to coordinate the partnership between El-Sewedy and Siemens.

Dates	:	From Sep. 2014 till Nov. 2015
Employer	:	Jawda Engineering Consulting
Projects	:	<ul style="list-style-type: none"> • New Adam S/S 110/13.8KV (Western) • Al-Laith S/S 110/13.8KV (Western) • Woasilia S/S 110/13.8KV (Western) • Mokhtara S/S 110/13.8KV (Southern) • Khozama S/S 110/13.8KV (Central) • Dhahrat Laban S/S 110/13.8KV (Central) • Narjis S/S 110/13.8KV (Central)
Job title	:	Primary Design Engineer
Job Description	:	<ul style="list-style-type: none"> • Working with the assistance of Civil and Architecture departments on the Substation General Layout. • Designation of the raceways of the H.V. and M.V. cables for the substation. • Designation of the raceways for the Control Cables. • Performing the Earthing Calculation for the Substation. • Designing the Substation Earthing Grid. • Designing the shielding "lightning" for the Substation. • Preparation the Bill of Quantity for (Earthing, Shielding, Cable Raceway). • Equipment Arrangement. • Wall Opening for (Incomer Feeders, Outgoing Feeders & Transformer Feeders).