

## Operation Manager

18 years EXP.

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BD : 04-10-1980 ; GR : 2002 (Bachelor Of Power and Electric Machines

Helwan University – Egypt)

Egyptian , Married , English fluent



## PROFILE



Powering Business Worldwide



MORE THAN POWER

## Summary

- Operation Manager for all types of low & medium voltage switchboards.
- Strong experience in the manufacturing operations and processes.
- Expert in ERP systems , already I'm an Odoo ERP expert certified.
- Familiar with Most of the brands in that field.
- Strong Knowledge of DCS/PLC/SCADA/IoT systems.
- Contractual and commercial awareness
- Skilled with the preparation of tenders for automation/electrical solutions
- Solid Experience in the Management of staff.
- IEC, ANSI, NEC standards for low voltage and medium voltage.

## PROFESSIONAL EXPERIENCE



Engineering & Development Manager Saudi Arabia, Khobar (2018 – present)  
(EES is a Panel Builder for Sivacon S8 Switchboards )

- Extend EES portofolio , create and implement new products and following the type test process of them.
- Desfine the market segemnts and match them with our products.
- Improve the ERP system and implement new modules to increase the quality of work and the performance.
- Draw a business plan and define the best business model that can enhance our sales and the company portofolo.
- Standarize the products and define standard tables , electrical and mechanical drawings for each product.
- Supervise the technical performance of personnel within the Section and implementing KPI's.
- Preparing the technical guides , standard libraries for design , estimation , production.
- Provide technical assistance for the team and guide them to improve their skills.
- Handling the production and manufacturing processes and providing a real plan to deliver the product on time .
- Ensure the In-Process quality control within all manufacturing steps.



Technical Manager, Saudi Arabia, Riyadh (2015 – 2018)  
(Shouaa Factory is a Panel Builder for ABB & Rittal Switchboards )



- Review the design drawings, specifications and calculations submittals and coordinate with the work of the other departments.
- Managing the Section to meet the development program requirements.
- Coordinating the Section's activities with those of other Units within the Engineering Department.
- Supervise the technical performance of personnel within the Section and implementing KPI's.
- Preparing the technical guides , standard libraries for design , estimation , production.
- Support and Reviews advanced power system analyses (short circuit study , power quality study , etc.).
- Provide technical assistance for the team and guide them to improve their skills.
- Handling the production and manufacturing processes and providing a real plan to deliver the product on time .
- Ensure the In-Process quality control within all manufacturing steps.
- Providing the necessary reports for all departments.
- Research and development to introduce new solutions with good quality and price.

**SIEMENS**

LV Design & Estimation Manager, Saudi Arabia, Riyadh (2009 – 2014)



(SEP is a Franchised Panel Builder for SIVACON Switchboards )

SEP is a Franchised Panel Builder for SIVACON Switchboards , i got a full training at Germany on SIVACON S8 Switchboard and all software used to design this Switchboard like SIVACON Configuration and SIVACON Project , design .SEP also is a panel builder for Schneider-electric panels like Blokset and prisma , so I have an excellent experience for the most components which made by Schneider-electric like (all types of Circuit breakers , Blockset panels , Prisma , disbo ,...etc.) .further i implemented our own products like package substations , unit substation and Main distribution panels .

- Reviewing the electrical design by AutoCAD electrical , Eplan.
- Reviewing the technical & commercial offers for our products.
- Reviewing the design of Low voltage panels for saudi electricity company (AC-DC panels & SUB AC-DC panels).
- Extensive experience about switchgear components and thier use. (Schneider Electric, ABB, Siemens,Mitsubishi, GE, etc.).
- Extensive experience about all control circuits like (ATS , Synchornization panels , VFDs, SOFT START-ERs, etc.).
- Solid experience about the type test procedures based on IEC standards for all LV switchboards .
- Solid experience about MV Switchgears.
- Electrical and mechanical design for low voltage panels up to 6300A, Main distribution Boards (MDBs), Sub Main Distribution Boards (SMDBs) and Final Distribution Boards (FDBs). Motor Control Centre (MCC), Power Factor Improvement Panels, HVAC Control Panels, ATS Panels,Feeder Pillars ,etc.
- Supervision the manufacturing processes and CNC machines like (punching , pending , busbar , painting , welding , etc.) to ensure th quality of the products .
- Extensive Knowledge of DCS/PLC/SCADA systems.
- Design and commission the Synchronization Panels for the parallel generators and can design them wheth-er by PLC or by the new technologies produced by some companies like COM-AP ,DSE ,ABB relays and etc..
- Preparing the organization, skill matrix , KPI's for my staff.
- Leading the staff and guide them to produce a correct estimation and design for the panels.
- Periodical supervision of works along with keeping to the time frame.



LV Design & Estimation Engineer, Saudi Arabia, Riyadh (2008 – 2009)

- Design and Estimation engineer for L.V switchgears , control panels , MCC panels and handling all technical issues with consultants and all technical problems in the factory.
- Study the project specifications during the tendering phase to ensure compliance and capability of our factory to satisfy project requirements and standard practice.
- Preparing of control diagrams and line diagrams, wiring and termination details, enclosure selection, bus bar arrangement, etc. (Using Autocad And Elecdes).
- Comment and issue submittals for consultant approval.
- Preparing of control circuit drawings for VFD, Soft Starter, motor starters etc.
- Preparation the quotations and offers for all brands like (Schneider-electric, ABB, GE, Siemens, etc.)



Low Voltage designer/ project manager, Egypt, Cairo (2005 – 2007)

- Complete Engineering for LV switchboards (MNS system).
- Preparing all detailed drawings (electrical & mechanical & busbar drawings) for MNS panels.
- Preparing the bill of materials(electrical ,mechanical) according to the technical specifications and client approvals.
- Design of all ABB products such as distribution & MCC panels whether draw-out or fixed types and all control circuits by using Promis-e software & Eplan.
- Familiar with most of ABB products for low voltage switchgears, internal ABB guidelines and IEC Standards.
- Familiar with most of the specifications which are produced by many consultant offices.
- Familiar with ABB AC31 , AC500 PLC, LV Drives & soft starters.
- Familiar with MNS Engineer Software .

African Consultant office, project manager, Egypt, Cairo (2002 – 2005)

- Project Manager for electrical distribution networks, telephone, TV networks (CCTV) at villas resort.
- Comparing the commercial and the technical offers produced by all suppliers for all the required components such as (cables & LV MV panels & transformers .., etc.).
- Load calculations study and short circuit study.
- Design the single line diagram & preparing BOM for LV & MV distribution networks.
- Preparing the specifications and the contractors .

## SKILLS

■ Degree ■ Level

