

Khaled Mohamed Ahmed

Electrical / Automation Engineer

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Birth date: 08-09-1968.

Military stat: Completed.

Nationality: Egyptian

Marital status : Married.

Education:

B.Sc. Of Electronic Engineering , Control Systems & Measurements , Menoufia university , 1991.

Training Courses:

- Plc simatic S5 - S7 basic and advanced course.
- Siemens drives (MICRO MASTER, SIMOVERT MASTER DRIVES) instillation and programming Full course.
- Siemens HMI'S instillation and programming Full course.
- DC & AC machines course.
- Omron (plc's; drives; NT's; networking; communications) training courses in Omron Europe. Bv in Netherlands.
- Train the trainer course.
- Power factor improvement course.
- Basic electronics course.
- Moeller plc's (sucos 3, sucos 4) course.
- Basics of sensors and its applications in industry.
- Electro hydraulics course.
- Simatic s7 plc training course in EVG, Austria.
- SIEI drives training course in euro draw, Italy.
- ABB DCS800 drives in VEGA controls, LTD, INDIA.

Computer skills:

- Autocad .
- SAP.
- Siemens Automation software's.
- Moeller plc' softwares.
- baumoller drives software, winbass..
- Microsoft (word, excel, power point,outlook).
- lenze drives configuration software, GDC
- ABB –DCS, software's
- syswin and cx-programmer software for Omron plc's.

Languages:

- Arabic
- English

Experience:

Electrical Maintenance Engineer at EL-NASR ductile iron casting co , in Alexandria 1993 to 1998: -

- Fully automated process using plc's from Siemens (simatic S7).
- Maintenance of overhead traveling cranes from DEMAG up to 10 tons.
- Power distribution systems in medium & low voltage, generators from BBC UP 600 KVA.
- Electric forklifts from STILL – Germany with range up to 3 tons.
- Machine workshop lathes, multi drilling, milling, pouring and copying machines.
- Factory utilities like compressors, air dryers, dust collectors and water treatment units.
- Preparing of preventive maintenance schedules & activities and spare parts orders, annual stock reports, minimum and max quantities and ordering limits.

Maintenance Engineer at international steel rolling mills co ISRM, (Bishay Steel-Egypt) 1998 to1999: -

- Steel rolling mills equipped from GENERAL ELECTRIC (series 6 plc's) section mill for 19 stands running with common bus dc drives 600 v dc from general electric supplied from 6-phase Virginia transformers and DC motors up to 1000 HP from GE.
- I was one from the group who install the new stands which is working under AUTOMAX plc system from ALLEN BRADLY and ROCKWELL digital dc drives and RELIANCE dc motors.

Field service engineer in AMG.EST,kingdom of Saudi Arabia 1999 to 2004

They are sole agents and distributors for very famous manufacturers in automation products and power distribution systems, like: -
MOELLER, OMRON, IFM-electronics, SIEMENS, LAPPKABLE, FURNAS, NAIS, MATSUSHITA, FERRAZ, HART LAND CONTROLS, MAXTHERMO CONTROLLERS, MANUMAG TRANSFORMERS, FLUK INSTRUMENTS, GRASSLIN, SCAME, SHINCO.

- I was responsible for designing, installing and commissioning of projects.
- I had installed the IMAMMM.BIN SAUD UNIVERSITY electrical irrigation system with distribution panel boards from MOELLER – Germany and also MOELLER soft starters up to 150Kw, and complete testing and commissioning activities.
- I had change the old Moeller plc system of water plant on KING ABDU AL-AZIZ Airbase in Dhahran to OMRON PLC system.
fixing many of OMRON frequency inverters units (AC drives) with different capacities and in Different applications.
- I had install the new Control and power distribution panels with MOELLER circuit Breakers up to 4000 amps with (STC) Saudi Telecom Company and complete testing and commissioning Activities.

Electrical maintenance manager at six October for metallurgical industries co , somico- Egypt 2004 to 2005: -

- I was responsible for the electrical department including all activities for plant maintenance in Hitachi 4 high cold rolling mill, controlled by ABB drives up to 2MVA DC drives and distributed control system AC800F, annealing process.

Maintenance Manager at AL ITEFAQ STEEL , Al Tuwairqi group of companies (ATG) in Saudi Arabia 2005 to 2015:

- I was responsible for FSPC (AL FAISAL STEEL PRODUCTS COMPANY) – Electrical department including all activities for plant maintenance and project work Including any new production lines installation and commissioning , preparing all maintenance schedules, spare parts stock and upgrading of existing equipment's, preparing of electrical department yearly capex and budgeting.

Engineering and Maintenance Manager at AL EL OLA STEEL group , Egypt 2015 till now :-

- I'm responsible for whole Electrical engineering activities on EL OLA steel group, plants at October-6 city (cold rolling, HITACHI 4HI MILL, HEAVY SECTIONS and HOT ROLLING MILL) including maintenance, electrical projects and plant machinery upgrade.