

Holds B. Sc. and M. Sc. in Electrical Power & Machines Engineering and has over 6 years of experience in commissioning, start-up, instrumentation, automation, control systems & Electrical installations. Worked in industries of Power Generation and Water Utilities.

PERSONAL DATA

Nationality : Egyptian
Gender : Male

EDUCATION

- : B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2009
- : M. Sc. in Electrical Power & Machines Engineering, Cairo University, 2016
- : Secondary Education: Sphinx Language School, 2004

LANGUAGES

Arabic : Native Language
English : Very Good
French : Fair
Italian : Basics

COMPUTER SKILLS

- : Windows, MS Office, Internet
- : AutoCAD
- : Matlab

TRAINING COURSES AND CERTIFICATIONS

- : S321 Symphony Plus Operation Basic Configuration.
- : S322 Symphony Plus Operation Advanced Configuration.
- : Practical Boiler Control & Instrumentation for Engineers Course (IDC Technologies).
- : Safety Leadership (Randy Smith Training Solutions).
- : Leadership Challenge Program (ABB Training Programs).
- : Internship at Converteam (Jul. 2008): Three weeks at CONVERTEAM SAS, Power Conversion (GE Power Conversion currently), Massy Cedex, France (Rejection of a disturbance eccentricity winder).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2015 till now
Employer : ABB
Project : Suez Thermal Power Plant (650MW)
Job title : Senior DCS Project Engineer
Job Description : My role on site commission is mainly rotating about the coordination with PGESCo. and other parties on site in order to fulfill the feeding and connecting of the DCS System with all aspects and objects on site, throughout signal loop checks, Function Tests, heat-run tests and troubleshooting moving on to the energizing of each system on the plant.

Dates : From Mar. 2013 till Sep. 2015
Employer : ABB
Projects :

- Mahmoudia 330MW Simple Cycle Power Plant (from Mar. till May 2015) (Position: DCS Project Engineer) (Control System: Symphony Plus)
- El Ain El Sokhna (2x650MW) Supercritical Thermal Power Plant (from Jun. 2013 till Feb. 2015) (Position: DCS Project Engineer) (Control System: ABB Industrial IT 800xA v.5.1)
- Abu Qir Thermal Power Plant (2x650MW) in Alexandria, Egypt

Job title : Senior DCS Engineer
Job Description :

- Conducting kick off meetings holding technical discussions with customer for understanding customer requirements and giving the final shape of the FDS (Functional design specification).
- Design, construction, wiring, commissioning, etc. of modifications associated with control systems.
- Design and implement control schemes utilising ABB control products or 3rd party equipment.
- Service the full range of ABB system and PLC equipment, including configuration, calibration, cleaning, adjustment, Preventative and Corrective maintenance documentation.
- Performing FAT & SAT procedures, and quality testing.
- Devise and implement control strategies, reports and other configurations.
- Promote sales of maintenance services and equipment, including spare parts, and advises Sales department of possible sales leads.
- Assist Sales Department with preparation of quotations.
- Assist Production Department with equipment checkout and performs maintenance on production systems in house.
- Configure, commission, maintain and service systems products.
- Fulfill maintenance contract obligations.
- Represent the company on customer site performing site manager activities.
- Attending on site meetings.
- Commission control systems, process plants and equipment in the field.
- Advise clients as to maintenance procedures, site planning, operational methods, process measurement and control strategies and schemes.
- Carry out feasibility studies on behalf of Clients, and recommends courses of action in order for client to overcome plant and control problems.

- Be available on an 'on call' basis to advise customers out of hours and, if necessary, make unscheduled site visits.
- Preparing and writing technical reports for internal and external use.

Dates : From Dec. 2009 till Feb. 2013

Employer : ABB

Projects : Commissioning on Abu Qir Thermal Power Plant 2x650MW, Alexandria, Egypt
 Moreover, worked on more than 12 other projects, Waste & Water Treatment Plants and Maritime Lock, with control systems AC31, Compact 800xA, Industrial IT 800xA v.5.0 & Freelance 700F/800F

Job title : DCS Engineer

Job Description :

- Conducting kick off meetings holding technical discussions with customer for understanding customer requirements and giving the final shape of the FDS (Functional design specification).
- Design, construction, wiring, commissioning, etc. of modifications associated with control systems.
- Design and implements control schemes utilising ABB control products or 3rd party equipment.
- Service the full range of ABB system and PLC equipment, including configuration, calibration, cleaning, adjustment, Preventative and Corrective maintenance documentation.
- Performing FAT & SAT procedures, and quality testing.
- Devise and implement control strategies, reports and other configurations.
- Promote sales of maintenance services and equipment, including spare parts, and advises Sales department of possible sales leads.
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- Configure, commission, maintain and service systems products.
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- Represent the company on customer site performing site manager activities.
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- Commission control systems, process plants and equipment in the field.
- Advise clients as to maintenance procedures, site planning, operational methods, process measurement and control strategies and schemes.
- Carry out feasibility studies on behalf of Clients, and recommends courses of action in order for client to overcome plant and control problems.
- Be available on an 'on call' basis to advise customers out of hours and, if necessary, make unscheduled site visits.
- Preparing and writing technical reports for internal and external use.

Dates : From Jun. 2010 till Aug. 2010

Employer : ABB

Job title : Technical Trainer

Job Description : I was assigned the training of a group of Under-graduate students on basics of Control on Automation and dealing with PLC and SCADA.

Dates : From Sep. 2009 till Nov. 2009
Employer : IPgroup
Job title : Electrical Engineer
Job Description : My Job was to supervise the replacement of two redundant synchronized emergency generators installed in a NAMRO's headquarter in Cairo and energize and deliver upon installation.

Field of experience : Familiar with PLC, SCADA and HMI basics programming, dealt with:
SIEMENS S7-300 (step 7 programming software) Schneider
Telemecanique – Modicon Premium (PL7 & Unity programming softwares)
ABB controllers: Symphony Plus, AC 800M (Industrial IT 800xA), Compact
HMI 800, AC 700F/AC 800F (Freelance 800F), Advant AC31.