

Holds a B. Sc. in Electronics Engineering and has over 6 years hands-on experience, including 4 years working as I&C Engineer and 2 years as Site Electrical Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 08/09/1983
Marital Status : Single

EDUCATION

: B. Sc. in Electronics Engineering, Menoufeya University, 2005

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: AutoCAD
: MS Visio
: oneNote2003

TRAINING COURSES AND CERTIFICATIONS

: 2011: Control in motors by using contactors.
: 2010: DCS Mark VIe control system in Cairo North Power Station project in operation and maintenance.
: 2008: Operation and maintenance of Steam Power Plant (BECHTEL) at Shoubra El-Kheima Power Station Training Center (intensive training course), 2 months: Fundamentals and Applications of the following equipments and items: Steam and water cycles, Water treatment and Demineralization, Pumps, Heat Exchangers.
: 2007: ICDL/ECDL
: 2006: MICROCONTROLLER
: 2006: MICROPROCESSOR

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2008 till now
- Project** : Cairo North Power Station (two modules combined cycle):
- Module I:
 - Gas turbine manufacturer is Mitsubishi Co., Japan, model M701F.
 - Control system of GT is Diasys Netmation with Win NT application (Work Space Manager & Orca view applications).
 - Three Gas compressors, manufacturer is Mitsubishi Co., Japan; witch controlled by 4 programmable logic control (PLCs) Allen Bradley 1756.
 - Rockwell RS view software for operator station and lap top engineering station. RS logics 5000 Software.
 - Diverter damper control, manufacturer is PARKER, 2 programmable logic control (PLCs) Siemens S7.
 - Module II:
 - Gas turbine manufacturer is GE Power systems Co., USA, model MS9001FB (FRAM 9FA).
 - Control system of GT is GE SPEED TRONIC VI with Win 2000 application.
 - Three Gas compressors, manufacturer is ATLAS COPCO; witch controlled by 4 programmable logic control (PLCs) Siemens S7-400.
 - Diverter damper control, manufacturer is PARKER, 2 programmable logic control (PLCs) Siemens S7.
- Job title** : I&C Engineer
- Job Description** :
- Periodic maintenance & inspection for all GAS TURBINE I&C equipments with GE stuff.
 - Periodic maintenance & inspection for all GAS TURBINE I&C equipments with MHI stuff.
 - Shared in 4 turbine inspections (hot gas path) of gas turbine (MHI & GE).
 - Shared in 4 combustion inspections of gas turbine (MHI & GE).
 - Shared in 2 major overhaul inspections of gas turbine MHI.
 - Mark VI Gas Turbine Controls experience.
 - Gas Turbine maintenance experience.
 - Strong customer service mindset.
 - Make calibration for transmitters (pressure, flow, temperature and level), switches (press, temp) Rosemount and Yokogawa types by Hart communicator 375 and PT100.
 - Balance of plant (BOP) system maintenance:
 - Make calibration for PH, Conductivity, dissolved oxygen sensor.
 - Raw water Pretreatment system maintenance (Demineralizer: 2 train each. included: carbon Filters, Cation, Anion, Mixed Bed exchangers and Decarbonators).
 - Wastewater treatment (Floatation and Oil disposal system).
 - Other system: chlorination, HRSG chemical dosing, sample system, sewage, Hydro pneumatic Potable water system.
 - Maintenance of silica analyzer, turbidity sensor.

Dates : From Jan. 2008 till May 2008
Employer : Power TEK AUTOMATION
Job title : Control Engineer

Dates : From Apr. 2006 till Jan. 2008
Employer : UTC (United Trade & Contractors)
Job title : Site Electrical Engineer
Job Description : Installation of the following:

- Watching Cameras.
- U.P.S. systems & networks.
- Power networks.
- Lighting systems.
- Sound system.
- Telephone systems & central.
- Fire Alarm.
- Air conditioning systems.
- Video conference.
- Data Network.
- Test and start-up of the following:
 - Electrical motors & pumps.
 - Generator control panel (ATS).
 - Voltage and current transformer.
 - Generator protection relay.
 - Grounding grid.