

Holds a B. Sc. in Electronics & Communication Engineering and has about 24 years hands-on experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 14/09/1968
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Electronics & Communication Engineering, Menoufia University, 1992
: High School: Saff, Giza
: Diploma, 1977

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet

TRAINING COURSES AND CERTIFICATIONS

: Allen Bradley Control Logix (RS5000) Maintenance (Dec. 2011).
: Control System Siemens (PLC S7- 400) in MASS Company Trainer (Dec. 2011).
: Siemens PLC S7-300 related to HP bypass and IP bypass, by Initic Company.
: TCS (Turbine Control System) Controcad software and all turbine auxiliaries software, Bentley Nevada and turning gear by Alstom Company in Site (Oct. 2011).
: Gas Turbine (2x250MW) Mark 6, Generator Excitation & Protection by GE at Site (Jul. 2009).
: Steam Turbine (250MW) Mark 6, Generator Excitation & Protection by Hitachi at Site (Jun. 2009).
: DCS Ovation Plant Control Systems (OV010-WIN, OV210-WIN, OV100-WIN, OV200-WIN) in EI-Kureimat II Combined Cycle Project 750MW (Nov. 2008).

- : DCS Plant Control System Emerson Training Center in Poland (3 months in 2008).
- : Safety Rules and procedures by British Power International in Oman (Mar. 2003).
- : O&M Gas Turbine (6x42MW) by Larsen & Toubro Co. in Oman (Jan. 2003).
- : Gas Turbine Mark V, Generator Excitation & Protection by GE Alstom in Oman (Jul. 1999).
- : Fire fighting Systems by ABB Company in El-Kureimat Power Station.
- : O&M Steam Turbine of Fundamental, Control (Mark V), Excitation & protection by GE in El-Kureimat Power Plant 2x627MW (2 months in 1997).
- : Pulsar Technologies in Westinghouse Corporation at Pittsburgh - USA (Oct. 1996).
- : DCS Plant Control Systems (WDPF) Westinghouse Corporation – Pittsburgh, USA (4 months in 1996).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jun. 2015 till now
- Employer** : Prime South / KCC for Contracting and Engineering JV
- Project** : 4 Gas Turbines 7EA, 75MW (GE), Control System is (MARK VI) GE
- Job title** : O&M Manager
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- Dates** : From Sep. 2010 till May 2015
- Project** : El-Kureimat III (750MW Combined Cycle):
- 2 Gas Turbines F9, 250MW (GE), Control System is (MARK VI) GE
 - 2 Heat Recovery Steam Generations (CMI - INETIC)
 - 1 Steam turbine 250MW (ALSTOM), Control System is (ALSPA P320)
 - 1 Water treatment (Demine, Potable) and waste water plant (METITO)
 - The plant is controlled via ALSTOM DCS Control System (ALSPA P320)
- Job title** : I&C Manager
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- Dates** : From Dec. 2006 till Sep. 2010
- Project** : El-Kureimat II (750MW Combined Cycle):
- 2 Gas Turbines V94.3A, 250MW (SIEMENS), Control System is teleprem XP T2000
 - 2 Heat Recovery Steam Generations (CMI - SKODA)
 - 1 Steam turbine 250MW (HITACHI), Control System is (MARK VI) GE
 - 1 Water treatment (Demine, Potable) and waste water plant (METITO)
 - The plant is controlled via EMERSON DCS Control System (OVATION)
- Job title** : I&C Deputy Manager
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- Dates** : From Dec. 2003 till Jun. 2006
- Employer** : Egyptian Operation & Maintenance Power Company (EOMPC)
- Project** : El-Kureimat I Thermal Power Plant (2x650MW)
- Job title** : I&C Supervisor Engineer

Dates : From Jun. 1999 till Dec. 2003
Employer : GLOBAL COMPANY – OMAN
Job title : I&C Maintenance Engineer
Job Description :

- Gas turbine GE 36MW (make GE FRAME 6, MODEL 561B).
- Auxiliaries consisting of fuel unloading system fuel tank, fuel treatment system, comprising of online self-cleaning type fuel centrifuge.
- Buffer tanks, water treatment plant, water wash skid.
- Switching (33KV, 11KV, 415KV transformers (33/11KV) – (11/6.6KV) – (11KV / 415 v) battery chargers, etc.

Dates : From Nov. 1995 till Jun. 1999
Project : El-Kureimat Power Plant (2x650MW):

- 2 Steam Turbines, 650MW (GE), Control System is (MARK V) GE
- 2 Conventional Boilers, 36 Burners (BABCOCK & WILCOX – Canada)
- Water Treatment and waste water plant (BAMAG)
- The plant is controlled via WESTINGHOUSE DCS (WDPF) Control Sys

Job title : I&C Commissioning & Maintenance Engineer

Dates : From Jan. 1993 till Jul. 1995
Employer : Egyptian Army
Project : Military Service
Job title : Maintenance Engineer

Field of experience :

- Commissioning:
 - Reviewing of project documents "I&C drawings" for approval and make comments (if required) as per Project Contract Specification.
 - Erection supervising and reporting about the erection schedule.
 - Reviewing the AS BUILT drawings and preparation of punch list according to Contract Specification.
 - Sharing the commissioning activities (loop checks, functional test and systems start-up).
 - Supervising of DCS installation (power supplies, I/O card, controller, data highway, engineering station, operator station), checking and troubleshooting from the field up to the ovation system.
- Maintenance:
 - Routine, preventive and corrective maintenance for different systems.
 - Investigate and analyze the defects and trip causes during normal operation.
 - Maintenance and troubleshooting for any problem occurred in the field instrumentation like flow, level, pressure, temp, vibration and speed (transmitters, switches and indicators thermocouples, RTD) devices.
 - Maintenance and troubleshooting for analyzers in demin. plant, chlorination system, sampling system and CEMS.
 - Calibration and maintenance of various types of control actuators e.g. hydraulic, pneumatic and motorized control valves.
 - Sharing electrical maintenance to solve compound problems and defects between electrical and I&C.

- Experience in DCS control systems, GE Mark VI / VIe, Alstom Alspa, Emerson Ovation / WDPF systems.
- Experience in PLC systems (GE Fanuc – Allen Bradley – SIEMENS).
- Experience in computer based maintenance management systems (EMPEC).
- Management:
 - Supervision the maintenance activities.
 - Prepare the spare part list.
 - Training the new staff.
 - Planning for outage activities.
 - Prepare the technical procedures and review the logic.
 - Analysis the defects and troubleshootings.
 - Cooperation with the operation team for safe operation of all the systems.
 - Prepare all technical reports.