

Holds a B. Sc. and a Diploma in Electrical Engineering and about 23 years hands-on experience in fossil fuel power plants from testing through start-up and operation. Has also the complete knowledge and experience in I&C maintenance for INFI-90 system, MVle, Symphony+, BMS PLC, calibration field instruments, fire fighting. Capable to diagnostic problem and maintenance for different systems.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 04/01/1972
Gender : Male
Marital Status : Married
Residence : Assiut

EDUCATION

: B. Sc. in Electrical Computer & Control Engineering, Assiut University, 1994
: Post graduate Diploma of Electrical Engineering in control, Assiut University, 2001

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Fortran

TRAINING COURSES AND CERTIFICATIONS

: On-site training in Assiut Power Plant.
: Windows application course in Assiut Power Plant.
: MVle control system.
: Gas turbine frame 9E operation & maintenance.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2017 till now
Employer : Upper Egypt Electricity Production Company (UEEPC)

- Project** : West Assiut Combined Cycle Power Station:
1500MW Power Plant including:
- 8 Gas turbines GE frame 9E.
 - 2 Steam turbines GE.
 - 8 HRSG Doosan.
 - 2 ACC SPIG.
 - MVle.
 - Field instruments Transmitters (HART) "Pressure, Flow, Level and Temperature", Switches and Indicators.
- Job title** : Head of I&C Dept.
- Job Description** :
- Supervise the erection of instrument in HRSG.
 - Studying the contract and make list for pending points.
 - Carrying out the erection compilation check list.
 - Check and test the logic for different control systems.
 - Check and test the logic for open loop/closed loop and alarm systems.
 - Check and test the logic for Fire fighting system.
 - Prepare the spare parts lists.
 - Head of I&C Maintenance Engineer for simple cycle.
 - Supervise the erection of instrument in ACC.
 - Supervise the erection of instrument in steam turbine.
- Dates** : From Jan. 2015 till Jan. 2017
- Employer** : Upper Egypt Electricity Production Company (UEEPC)
- Project** : West Assiut Simple Cycle Power Station:
1000MW Gas Turbine Power Plant including:
- Gas turbine frame 9E.
 - DCS (Symphony +), MVle.
 - PLC (Siemens) water treatment plant (Violia).
 - Field instruments Transmitters (HART) "Pressure, Flow, Level and Temperature", Switches and Indicators.
 - Fire Fighting control system (Sanco).
- Job title** : Head of I&C Dept.
- Job Description** :
- Supervise the erection of instrument in gas turbine and auxiliary.
 - Studying the contract and make list for pending points.
 - Carrying out the erection compilation check list.
 - Check and test the logic for different control systems.
 - Check and test the logic for open loop/closed loop and alarm systems.
 - Check and test the logic for Fire fighting system.
 - Prepare the spare parts lists.
 - Head of I&C Maintenance Engineer.
- Dates** : From Jul. 2009 till Jan. 2015
- Employer** : Upper Egypt Electricity Production Company (UEEPC)
- Project** : Assiut Thermal Power Station
- Job title** : Head of Boiler I&C maintenance unit 1 and 2
- Job Description** :
- Lead and coordinate station maintenance activities.
 - Manage and prioritize work loads.
 - Make analyses for I&C maintenance trouble-shooting.

- Prepare procedure for maintenance / repairing / from the engineering / technical documents / vendor information.
- Prepare spare parts lists and supervise for receiving spare parts.
- Supervise work according to routine maintenance schedules for plant and equipment.
- Making daily and monthly technical reports to I&C General Manager.
- Team Leader & Coordinator of maintenance activities schedules.
- Provide effective support to the team to maximize the contribution made to the plant objectives.
- Hold regular review meetings with the operation department and another maintenance departments to resolve any equipment related problems.
- Trainer for I&C Engineers.

Dates : From Jul. 2004 till Jun. 2009

Employer : Upper Egypt Electricity Production Company (UEEPC)

Project : Assiut Thermal Power Station

Job title : Head of Boiler I&C Maintenance unit 2

Job Description :

- Unit 2 of 312MW Steam Power Plant including:
 - DCS (Bailey INFI-90) Open loop system, closed loop system, Operator interface station (OIS), Alarm system and Engineering work station (EWS).
 - PLC (CCRT) Burner Management System (BMS), Soot blower Control System (SCS) and Boiler stress Evaluator (BSE).
 - Field instruments Transmitters (HART) "Pressure, Flow, Level and Temperature", Switches and Indicators.
 - Fire Fighting control system (FAS).
- Lead and coordinate station maintenance activities.
- Manage and prioritize work loads.
- Make analyses for I&C maintenance troubleshooting.
- Prepare procedure for maintenance / repairing / from the engineering / technical documents / vendor information.
- Prepare spare parts lists and supervise for receiving spare parts.
- Supervise work according to routine maintenance schedules for plant and equipment.
- Making daily and monthly technical reports to I&C General Manager.
- Team Leader & Coordinator of maintenance activities schedules.
- Provide effective support to the team to maximize the contribution made to the plant objectives.
- Hold regular review meetings with the operation department and another maintenance department to resolve any equipment related problems.
- Trainer for I&C Engineers.

Dates : From Jul. 1997 till Jul. 2004

Employer : Upper Egypt Electricity Production Company (UEEPC)

Project : Assiut Thermal Power Station 2x312MW

Job title : I&C Maintenance Engineer (unit 2)

Job Description :

- Carry out the corrective maintenance for boiler instruments and control equipments.
- Carry out the routine maintenance for boiler instruments and control equipments.
- Prepare the technical reports for daily work.
- Prepare spare parts lists and supervise for receiving spare parts.
- Handing over the plant from maintenance in line with the operation schedules and requirements.
- Anticipating and responding effectively to maintenance demands.
- Achieve/exceed maintenance expectation; maintain power plant stability and safety.

Dates : From Oct. 1994 till Jul. 1997

Employer : Upper Egypt Electricity Production Company (UEEPC)

Project : Assiut Thermal Power Station 2x312MW

Job title : Erection & Commissioning Engineer (unit 2)

Job Description :

- Supervise the erection of instrument in Boiler and auxiliary.
- Studying the contract and make list for pending points.
- Carrying out the erection compilation check list.
- Check and test the logic for BMS/SCS and BSE systems.
- Check and test the logic for open loop/closed loop and alarm systems (INFI-90).
- Check and test the logic for Fire fighting system.
- Prepare the spare parts lists.