

101988-CSX-18MPSx-E-1981

General Manager of Instrumentation

Holds a B. Sc. in Electrical Engineering and a Diploma in Switchgear Equip. and Protection. Has about 37 years hands-on experience in the pre-commissioning, start-up and maintenance for power plants in Egypt. Has worked with multitude of PLC software including: Modicon, Allen Bradley, Telemecanique, Siemens, Westinghouse, DCS General Electric and DCS Foxboro. His work included all phases of the projects, from initial P&ID and continuity check, to the calibration, fine tuning and commissioning of the various instruments and PLC within the different units. And additional the responsibility of the project of the combined cycle of Cairo North Power Station in the stage of the execution of the project.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/07/1959
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Electrical Engineering, Helwan University, 1981
: Diploma in Switchgear Equip. and Protection, Ain Shams University, 1986

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Training course of Numa-Logic Programming and Maintenance (1985).
: Training course in Thermal Power Plants operation and maintenance (1989) in Italy.
: Training course on burner management system in Italy (1989).
: Maintenance training program of gas Turbine system and the Auxiliaries (2003) in Japan.
: Training course on Water and Waste Water treatment system (2004).
: Training course for CEMS (continuous emission monitoring system) operation and maintenance (2005).
: Training course for (heat recovery steam generation) instrumentation maintenance (2005).

- : Training course on distribution control system of Foxboro system (2005).
- : Training course on distribution control system of GE MARK 6E in USA (2006).
- : Training course on distribution control system of ABB in Italy (2009).
- : Training course for Balance of plants of combined cycle of Cairo North Power Station which include Air compressor, trash racks, travelling screen, hydrogen generation, water treatment system, Gas compressor systems and fire fighting system.
- : Training course in HRSG (heat recovery steam generation) by NEM Co.
- : Training course in steam turbine system by Hitachi.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2016 till now
Project : Supercritical Cairo West Power Station unit 1E, 650MW
Job title : General Manager of Instrumentation

Dates : From 2005 till Mar. 2016
Project : Cairo North Power Station Combined Cycle 1500MW
Job title : General Manager of I&C Department
Job Description :

- Commissioning and start-up of reverse osmosing system in Greece for one week.
- Finishing all the requirements for Upgrade the control system of module 1 for Cairo North Power Station control system by Foxboro.
- Finishing all the requirements for Upgrade the control system of module 11 for Cairo North Power Station control system by GE and also upgrading of gas turbine control system from MARK IV to MARK IVE by GE.
- Finishing all the requirements for Upgrade the control system of module 1 for Cairo North Power Station gas turbine system by MITSUBUSHI.
- Responsibility for upgrade of GT4 of Cairo North Power Station from DLN+ to DLN-6 for all the activity of the instruments.
- Responsibility for finishing all the activity due to the fire of Steam turbine system and DCS of module two of Cairo North Power Station and commissioning and start-up of the system and put it in service.
- Fat test of the control system of GAS TURBINE of combined cycle 2250MW of Giza North Power station in USA.

Dates : From 2001 till 2005
Job Description :

- Preparing the bids of Instruments and Control of the project of the two modules of Cairo North Power Station and the responsibility of the project from the installation, erection, commissioning and the start-up phases.
- Fat test of the control system of Foxboro DCS of combined cycle 750MW of Cairo North Power Station.

Dates : From 2000 till 2001
Employer : Bechtel Egypt

Project : Sidi Krir Power Station Combined Cycle
Job Description : Commissioning and start-up of two trains 8000 PPD each liquid chlorination system.

Dates : From 1999 till 2000
Employer : Siemens, Westinghouse
Projects : Combined Cycle 700MW Power Stations, Sriracha, Chomburi, Thailand
Job Description : Commissioning and start-up for the following:

- Superpulsator clarifier 200 GPM.
- Aqua treat multi media activated filter 450 GPM.
- 100% cation, Anion, Mixed Bed type dematerialized followed by ultrafiltration unit Filter press system for waste water.

Dates : 1997
Employer : Black & Veach, Semarang, Indonesia
Job Description : Commissioning and start-up for waste water system and clarification system DAF Unit and gravity filtration.

Dates : 1996
Project : Demineralizer for LNG Plant, Skikda – Algeria
Job Description : Supervise the equipment erection and start-up of two trains Demineralizer (IDI system) complete with chemical feed system.

Dates : 1995
Project : Cairo South Power Station (IDI system)
Job Description : Commissioning and start-up of raw water system two clarifier each 202 GPM.

Dates : 1994
Employer : Wellbress Co.
Project : IDI Air Force Base in Ismailia
Job Description : Erection, commissioning and start-up of domestic system with three clarifiers each 125 GPM.

Dates : From 1984 till 2001
Employer : Infilco Degremont Inc, Cairo
Project : Shoubra El-Kheima Power Station
Job title : Chief Instrument Engineer
Job Description : Commissioning, start-up, operation and maintenance for the following:

- Raw water Pretreatment: 1200 GPM IS Accelerators and by valve filters.
- Demineralizer: 3 trains, 300 GPM each included: carbon Filters, Cation, Anion, Mixed Bed exchangers and Decarbonators.
- Condensate Polisher with external regeneration system: four units 4000 GPM each, complete with chemical treatment.
- Potable water system and burner management system.
- Wastewater treatment: including circular API separator, Dissolved Air Flootation and Oil disposal system.

- Other system: chlorination, boiler chemical feed, sample system, sewage, Hydropneumatic.
- Burner management system.
- Programmable control system of the auxiliary system.

Dates : From 1981 till 1984
Employer : Armed Forces
Project : Helmia Hospital, Cairo
Job title : Medical Instruments Maintenance Engineer