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Start-up, Commissioning & Operation Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 20 years hands-on experience, mainly working in operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/02/1973
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2000

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word), Internet

TRAINING COURSES AND CERTIFICATIONS

- : Cairo South Combined Cycle Power Plant: Shift Operator Engineer (GE gas turbine 901F – GE steam turbine), familiar with Westinghouse DCS.
- : Basic and site specific training courses, Shoubra El-Kheima Power Plant.
- : Operations & maintenance of UPS systems, Cejlec Co.
- : NEM training (HRSG Operation), Netherlands (Nov. 2004).
- : Programmable Logic Control (PLC) course, Elmaco Co. in Cairo.
- : Production and testing of power and distribution transformers, held in Cairo by Elmaco Co.
- : Allocation panel and control panel and delta star starting motor control, El-Safa Co. in Cairo.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2020 till now
Employer : ELSEWEDY ELECTRIC (PSP)
Project : Assiut Supercritical Thermal Power Plant (650MW)

Job title : Start-up, Commissioning & Operation Engineer

Job Description :

- DCS & Local Eng. of these systems: feed water system, closed cooling system, service water system, circulate system, demi water system, condensate system.
- Witness problem and solved through start-up and operation.

Dates : From Mar. 2017 till Jan. 2020

Employer : TECHINT

Project : Al-Shabab Combined Power Plant 1500MW

Job Description :

- Start-up, Commissioning & Lead Operation Engineer of these systems: Feed water system, closed cooling with fan cooler system, Condensate system, Air compressor, and making Steam blow and Synchronize the unit.
- Witness problem and solved through start-up and operation.

Dates : From Jan. 2016 till Mar. 2017

Employer : Initec Energia

Project : Suez Thermal Power Plant (one unit each 650MW)

Job title : Start-up, Commissioning & Operation Engineer

Job Description :

- DCS and Local Engineer of these systems: Desalination unit, Feed water system, closed cooling system, service water system, circulate system, demi water system, Condensate system.
- Witness problem and solved through start-up and operation.

Dates : From May 2014 till Dec. 2015

Employer : TECHINT

Project : El Ain El Sokhna Supercritical Thermal Power Plant (2x650MW)

Job title : Start-up, Commissioning & Operation Engineer

Job Description :

- DCS and Local Eng. of these systems: feed water system, closed cooling system, service water system, circulate system, demi water system, condensate system.
- Witness problem and solved through start-up and operation.

Dates : From Feb. 2011 till Mar. 2014

Project : Cairo North Power Plant
(2 GT turbines GE, 2 gas turbines MHI, 1 Hitachi steam turbine, 1 Alstom steam)

Job title : Shift Charge Operation Engineer

Job Description :

- Operation for GE gas turbine 250MW frame 9001f under control Mark VI.
- Commissioning and start-up and operation for MHI 701f gas turbine 250MW.
- Commissioning and start-up and operation for NEM HRSG.
- Commissioning and start-up for Hitachi steam turbine.

Dates : From Feb. 2010 till Dec. 2010

Employer : Initec Energia

Project : El-Tebbin Thermal Power Plant

Job Description :

- Start-up, commissioning and operation.
- DCS and Local Engineer of these systems: Feed water system, closed cooling system, service water system, circulate system, demi water system, Condensate system.
- Witness problem and solved through start-up and operation.

Dates : From Apr. 2009 till Dec. 2009

Employer : Bemco Arabia

Project : Qurayyah 2 Power Plant – KSA

Job Description :

- Start-up, commissioning and operation.
- Working with 15 GE gas turbines frame 7FA 150MW under control Mark VI.
- Witness problem and solved through start-up and operation of gas turbine.
- Switchgear (MV & LV) 4.16KV / 4880V and load transfer.

Dates : From Dec. 2002 till Apr. 2009

Project : Cairo North Power Plant

Job title : Shift Charge Operation Engineer

Job Description :

- Operation for GE gas turbine 250MW frame 9001f under control Mark VI.
- Commissioning and start-up and operation for MHI 701f gas turbine 250MW.
- Commissioning and start-up and operation for NEM HRSG.
- Commissioning and start-up for Hitachi steam turbine.

Dates : From May 2002 till Dec. 2005 (part time)

Employer : Giza Systems

Job title : Installation & Maintenance Engineer for UPS units

Job Description :

- Installation and maintenance of UPS systems orders.
- Initiate and follow up the material delivery to site.
- Perform site survey, inspection, routine and preventive maintenance.
- Interface to the customer, respecting his policy and guidelines.
- Monitor and develop the performance of the installation teams.
- Complete site documents, test records.

Experience in UPS:

- Installation, integration, testing, commissioning and upgrading / downgrading of UPS units.
- Testing of quality of the UPS work.
- Installation, integration and testing of power control board.
- Testing of the total quality for the system.

Equipment:

EXIDE Group UPS series as:

- Powerware from range 0.500 VA – 36 KVA.
- Prestige from range 1 KVA – 6 KVA.
- Profile from range 12 KVA, 15 KVA.

Another equipment from UPS as following:

- Emerson UPS range 3 KVA.
- Socomec UPS range from 2 KVA – 20 KVA.
- Tripp Lite UPS range from 1 KVA – 3 KVA.

- Field of experience :**
- Good background in electrical power & power electronics.
 - Distinguished experience in the implementation field.
 - Experience with several multinational electrical power & power electronics suppliers.