

Holds a B. Sc. in Electrical Engineering and has over 25 years hands-on experience in fossil fuel power plants from testing through start-up and operation, he is an expertise in this field. Has also the complete knowledge and experience in electrical and I&C system start-up and operation requirements. Is capable to prepare and put in order the complete turnover packages for different systems and to execute their performance testing. Has very high managerial and communication skills beside his technical capabilities.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 28/01/1961
Gender : Male
Marital Status : Married
Residence : Shoubra, Cairo

EDUCATION

: B. Sc. in Electrical Engineering, 1985

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

- : Course with Bechtel Co. in Shoubra El-Kheima Power Plant related to power plant components and auxiliary (6 months).
- : Course with Don Bosco Institute (Cairo) in Motor Automatic Control (3 months).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2005 till now
Employer : Snamprogetti/ENI Group – AGIP
Project : Western Libya Gas Project
Job title : Shift Supervisor for Power Plant & Utility

Job Description :

- The power plant consists of 4 boilers 350 ton/hr for each, 3 Steam Turbines each 25 MW, M.C.R., B.F.WTR, PIP's and L.P.PIPs. Their steam headers are L.P., M.P. and H.P. Steam.
- Five systems which include Foam, WTR Deluge, VLV and Gas detectors.
- Condensate Storage Tanks (for transfer and ship loading).
- Sulphur Pastillation unit and Sulphur loading and shipping.

Dates : From Dec. 2003 till May 2005

Employer : PGESCO

Project : Cairo North Combined Cycle Power Station 2x750MW

Job title : Electrical Engineer

Job Description : Supervision, coordination, troubleshooting and commissioning for the following systems:

- Medium voltage 6.3KV.
- Load center 400 V.
- MCC check and commissioning.
- DC and UPS.
- Generator protection review and testing.
- Switchyard 220KV, testing and commissioning all equipment.
- Check all protection relays and all interlock tests.
- Monitoring the high voltage test for GIB GIS.

Dates : From Aug. 2002 till Dec. 2003

Employer : 3EC Co.

Project : Ain Sokhna and East Port Said Power Plant 4x340MW units

Job title : Commissioning Engineer

Job Description :

- Preparation for operation and start-up many systems, check all instrument & electrical devices and also flushing for the pipes & after steam blow.
- Check the logic for many systems.
- Check input & output of temperature sensors & pressure sensors & flow transmitters.
- Flushing all the systems.

Dates : From Jun. 1999 till Aug. 2002

Employer : Babcock & Wilcox

Projects :

- El-Kureimat Thermal Power Plant 2x630MW, natural circulation, one drum, water tube dual firing Mazout and Natural Gas, together with Auxiliary Boiler Thermal Power Plant with capacity of 120t/h.
- Oyoun Mousa Thermal Power Plant 2x320MW, natural circulation, one drum, water tube dual firing Mazout and Natural Gas, together with Auxiliary Boiler Thermal Power Plant with capacity of 58t/h.

Job title : Shift Supervisor Engineer

Job Description :

- Preparation for start-up and operation of all units.
- Coordination with Network Control Center for load adjustment, voltage and power factor, including increases and decreases in loads.
- Operation of Gas Turbine during continuous operation.

- Performance of mechanical and electrical routine maintenance on site.
- Operation of demineralized water plant.

Dates : From Jul. 1996 till Jun. 1999
Employer : The Sanitary and Drainage of Great Cairo Authority
Job title : Electrical Engineer
Job Description :

- Maintenance of electrical panels of pumps to 3150V.
- Maintenance of vacuum circuit breaker up to 11KV rating also 3150V.
- Maintenance of LV and MV motors.
- Maintenance of LV and MV transformers.
- Protection measuring device maintenance and calibration.
- Maintenance of movable generators from 50KW – 75KW up to 160 KW, also 850KW like Rolls Royce, Caterpillar nibbon, etc.

Dates : From Jan. 1996 till Jul. 1996
Employer : Sunrise Group for Electrical Construction
Job title : Electrical Engineer
Job Description : Achieve weekly and monthly work schedule including:

- Cable extension, cable tray installation and conduit pipes.
- Testing relays and cables.

Dates : From Nov. 1994 till Nov. 1995
Employer : Cimimontubi Co.
Project : Damanhour Combined Power Plant: one module, one turbine, 1x85MW Steam T.B. and four Gas Turbines 4x25MW
Job title : Operation Engineer
Job Description :

- Preparation for start-up and operation of all units.
- Coordination with Network Control Center for load adjustment, voltage and power factor, including increases and decreases in loads.
- Operation of Gas Turbine during continuous operation.
- Performance of mechanical and electrical routine maintenance on site.
- Operation of demineralized water plant.

Dates : From Jun. 1993 till Sep. 1994
Employer : Ansaldo Co.
Project : Esna Hydro Power Plant 6x15MW
Job title : Shift Engineer
Job Description :

- Manage water level before and after the barrage from the computer in control room (DCS).
- Responsible for electric MCC and routine maintenance.
- Coordination with Control Center for load adjustment, voltage and power factor.

Dates : From Aug. 1991 till Jun. 1993
Project : Shoubra El-Kheima Thermal Power Plant 4x350MW, Natural Gas. Gas Turbine unit 1x45MW FIAT T.T.G. for emergency.
Job title : Shift Supervisor / Assistant Engineer

Dates : From Jan. 1990 till Jul. 1991
Employer : Ansaldo Co.
Project : Damanhour Thermal Power Plant 1x350MW, Natural Gas and Mazout Fired Boiler
Job title : Operation Engineer
Job Description :

- Preparation for start-up and operation of all units.
- Coordination with Network Control Center for load adjustment, voltage and power factor, including increases and decreases in loads.
- Operation of Gas Turbine during continuous operation.
- Performance of mechanical and electrical routine maintenance on site.

Dates : From Feb. 1988 till Jan. 1990
Employer : Shoubra El-Kheima Thermal Power Plant 4x350MW, Natural Gas Mazout Fired Boiler
Job title : Control Room Operator

Dates : From Aug. 1986 till Jan. 1988
Project : Shoubra El-Kheima Thermal Power Plant 4x350MW, Natural Gas Mazout Fired Boiler
Job title : Operation Engineer
Job Description :

- Preparation for start-up and operation of all units.
- Coordination with Network Control Center for load adjustment, voltage and power factor, including increases and decreases in loads.
- Operation of Gas Turbine during continuous operation.
- Performance of mechanical and electrical routine maintenance on site.