

Holds a B. Sc. in Electrical Engineering and has about 16 years' experience, including 15 years working in operation, commissioning and maintenance at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/05/1984
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Engineering, Tanta University, 2006

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet
: SCADA
: PLC
: Matlab
: AutoCAD 2000

TRAINING COURSES AND CERTIFICATIONS

: GIS training in SIEMENS Energy (switchgear basic course).
: PMP
: Attendance Certificate of BOILER OPERATION Training in Ansaldo Caldaie (in Italy).
: Mini Master of business administration (Mini MBA) from Cambridge University.
: Training from BENNING Co. on Thyrotronic, Invertronic and C.V.T.
: ICDL certificate.
: Preparing new engineers training in Abu Qir Training Center.
: Steam plants operation training in Abu Qir Training Center.
: Steam plants operation training in EI-Kureimat Training Center in Upper Egypt Co. for Electrical Production.

- : Communication Skills and Memory Methods Diploma (Dr. Ibrahim Elfiky).
- : Attendance Certificate of Building True Success (the 11th Annual Worldwide Conference).
- : Mother Board Maintenance Training.
- : Computer Maintenance Training.
- : How to Classic Control.
- : Step in Low Voltage circuit Design.
- : Swichgear Diploma (Diploma Paid).
- : Web design course (dreamweaver).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2022 till now
- Employer** : West Delta Electrical Production Co.
- Project** : Abu Qir Thermal Power Plant (2x650MW)
- Job title** : Operations Dept. Director – Act as Deputy General Manager
- Job Description** :
- Successfully managed the commissioning of a new power station, including managing the installation, testing and commissioning of all equipment and systems.
 - Led the development of new procedures for the entire management of the station, resulting in improved safety and productivity.
 - Coordinated between maintenance departments, resulting in improved communication, better coordination, and a reduction in downtime.
 - Summary:
 - Oversaw the entire management of the power station, including monitoring the performance of the station, making malfunction reports, and making financial allocations for the section.
 - Coordinated between maintenance departments to ensure efficient and effective maintenance of equipment and systems.
 - Developed and implemented new procedures and initiatives to improve safety, reduce downtime, and increase productivity.
 - Conducted analysis and troubleshooting of operation problems, implemented preventive, and corrective maintenance for reducing downtime, and ensured the performance monitoring of boiler & turbine.
 - Conducted training programs for new plant employees, including the development of training materials, monitoring of training effectiveness, and ensuring adherence to safety procedures.

- Dates** : From Apr. 2011 till Sep. 2022
- Employer** : West Delta Electrical Production Co.
- Project** : Abu Qir Thermal Power Plant (2x650MW)
- Job title** : Power Plant Shift Charge Engineer
- Job Description** :
- Created and implemented a new preventive maintenance program, resulting in a significant reduction in equipment breakdowns and downtime.
 - Successfully reduced the plant's energy consumption through the implementation of new energy-saving initiatives.
 - Summary:

- Operated and managed the DCS process to ensure the plant's optimal performance.
- Conducted analysis and troubleshooting of operation problems, implemented preventive, and corrective maintenance for reducing downtime, and ensured the performance monitoring of boiler & turbine.
- Managed and led Operators Shift Group, including conducting training, monitoring performance, and ensuring adherence to safety procedures.

Dates : From Dec. 2008 till Apr. 2011

Employer : West Delta Electrical Production Co.

Project : Damanhour Combined Cycle Power Plant

Job title : Power Station Operator Engineer

Job Description :

- Led the development of new procedures for the operation of the plant, resulting in improved safety and productivity.
- Conducted analysis and troubleshooting of operation problems, implemented preventive, and corrective maintenance for reducing downtime, and ensured the performance monitoring of boiler & turbine.
- Summary:
 - Supervised the operation of the plant, including the supervision of (4 units Hitachi gas turbine 25MW), (4 NEM HRSG 50 ton/hour steam generation), plant auxiliaries, and ABB steam turbine 50MW.
 - Conducted analysis and troubleshooting of operation problems, implemented preventive, and corrective maintenance for reducing downtime, and ensured the performance monitoring of boiler & turbine.
 - Developed and delivered comprehensive training programs for new plant employees, resulting in a more efficient and effective workforce.
 - Led the development of new procedures for the operation of the plant, resulting in improved safety and productivity.

Dates : From Sep. 2007 till Dec. 2008

Employer : El-Gawhara Company (Food Industry), El-Behira

Job title : Electrical Maintenance Engineer

Job Description :

- Successfully managed the installation of a new production line for Masrawy potato chips, resulting in improved productivity and efficiency.
- Led the development of new control and lighting panels, resulting in improved safety and productivity.
- Summary:
 - Oversaw the installation of a new production line for Masrawy potato chips, which included the processing line, boiler & thermal oil line, and weighing & packing line.
 - Conducted analysis and troubleshooting of electrical problems, implemented preventive, and corrective maintenance for reducing downtime, and ensured the performance monitoring of equipment.
 - Led the development of new control and lighting panels, resulting in improved safety and productivity.

Skills:

- Electrical Engineering.
- Power Plant operations.
- Troubleshooting.
- Preventive maintenance.
- Corrective maintenance.
- Performance monitoring.
- Process control.
- Standard operating procedures.
- Energy efficiency.
- Equipment lock out / tag out.
- Leadership.
- Training and development.
- Communication skills.