

100211-ELE-G-E-1975
Senior Electrical Engineer / Manager

Holds a B. Sc. in Electrical Power Engineering and has over 35 years hands-on experience working in electrical equipment field and as a Manager in several aviation companies.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/02/1949
Marital Status : Married

EDUCATION

: B. Sc. in Electrical Power Engineering, Menoufia University, 1975

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Management of maintenance, Canada, 1997.
: Airport certification Mitre U.S.A., 2002.
: Safety management systems achieving world Singapore Aviation academy, class safety standards IT SKILLS, 2003.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2000 till now
Employer : Egyptian Airports Company Cairo
Job title : Director General
Job Description :

- Management the daily works of the directorate including preparation of technical reports, answer the questions in regard to ICAO requirements, submitted engineering deficiencies to the technical sector in order to take the necessary action to terminate these deficiencies, reviewing the airport movement area electrical and civil designs to insure that they are complying with ICAO and relevant standards.
- Prepare the Egyptian International Airports to receive the coming international inspection by ICAO.

- Auditing the airports to be sure that they are complying with ICAO Recommendations (Annex -14 and its relevant documentations which include the civil and electrical engineering designs).
- Enhancement the international airports (Air side & Land side) to meet the international standards.
- Supervising the air ports projects to ensure the compliments of ICAO and international standards.
- Preparing the airports certification manuals, Emergency plans and the safety management systems manual.
- Completed the Introduction of Safety Management System manual.
- Preparing the company safety management system (SMS) manual according to ICAO annex -14 and Document No 9774.
- Preparing training program to the airports safety management dept. staff.
- Suggesting the SMS structure in the airports to the company cabinet.
- Putting the safety policy of the company that is supporting the objectives of the safety corporate value and continue the development of our safety culture by investment in people, facilities and equipment.
- Developing a safety culture among sectors staff and relevant contractors.
- Preparing clear safety accountabilities and responsibilities, appropriate training, increased safety awareness and conducive environment to constantly learn and improve on safety.
- Putting the company safety management principles including the:
 - Staff competency.
 - Preventive and Reactive Premedical Action.
 - Safety assessment.
 - Safety culture and safety awareness.
- Preparing the core elements of safety for EAC Company.
- Preparing the 10 basic steps to establish a safety management.

Dates : From Jun. 1991 till Jun. 2000
Employer : Egyptian Civil Aviation Organization Cairo
Job title : Department Manager
Job Description :

- Preparing designs and modernization researches for airports besides to evaluation for technical proposals.
- Management of the new projects installation.
- Performing factory acceptance tests and site commissioning tests for power electrical equipment's.

Dates : From Jun. 1986 till Jun. 1991
Employer : United Projects Maintenance Yanbu – KSA
Job title : Site Manager
Job Description :

- Ensuring that the site in accordance with the company base document.
- Ensuring that the best customer relationships are maintained all times.
- Ensuring that the planned maintenance and stock control system are operated efficiently.
- Implement safety rules and regulation for the company.
- Design, estimate and supervise project.

- Designation of building lighting and power circuits including calculation of luminous intensity, cables cross section, lightning distribution, and power for HVAC system, design of the panel board and complete design of the L.T. electrical network.
- Implementing the preventive maintenance schedules which prepared according to the manufactures recommendations.

Dates : From Jun. 1979 till Jun. 1986
Employer : Cairo Air Navigation Center Cairo
Job title : Electricity Dept. Manager
Job Description :

- Running the department effectively in accordance with ICAO regulations.
- Preparing preventive maintenance schedules and preparing spare parts lists.
- Performing the maintenance procedure as per the manufacturer recommendation.
- Studying international offers and negotiate.

Dates : From 1979 till 1983
Employer : Egyptian Civil Aviation Authority (E.C.A.A.)
Job title : Senior Electrical Engineer
Job Description :

- Sharing in a high committee for the project of the modernization of air – traffic control system (A.T.C.) as representative in my specialization field (electrical power engineer).
- Preparation of the design and specification of electrical network (H.T. & L.T.) in coordination with the French consultant (Sofravia) for the A.T.C. project.
- The H.T. network includes:
 - Two step down 2500 KVA transformers 11 KVA 380 – 220V, 8 H.T. protection cubicles, 4 H.T. incoming and outgoing cubicles, 2 Transformer protection cubicles.
 - 1 general protection cubicle.
 - 1 metering cubicle.
 - H.T. Cables.
- The L.T. network includes:
 - L.T. switchgears.
 - L.T. Distribution boards for the technical navigation equipment.
 - Lighting systems for all building.
 - No break power network including.
 - The protection system.
 - The static inverters (120 KVA/each).
 - Isolating transformers.
 - Static switch.
 - Two rectifier chargers.
 - Two chain batteries.
- Bids studding and evaluating of all offers submitted to C.A.O. and selecting the best one technically and financially tacking into economic considerations.
- Negotiating with winner company (Thompson C.S.F. / T.V.T.) representatives.

- Supervising the installation of the electrical equipment and tacking all the necessary action to carry out the specification according to time schedules.
- Performing site tests on all the electrical equipment in order to put them into operation after the provisional acceptance.
- Performing factory inspection tests for all the electrical and mechanical equipment's in the manufacturer premises according to test protocols approved by both parties (C.A.O. & Thompson) the inspection has been done within "8" missions to FRANCE in several factories.
- On-job training for the electrical equipment has been performed.

Dates : From Jun. 1976 till Jun. 1979

Employer : Egyptian Civil Aviation Organization Cairo

Job title : Electrical Installations Supervisor

Job Description :

- Design and prepare specifications for wiring and lighting system of airport building.
- Performing routine and non-routine maintenance.
- Testing and inspecting electrical & mechanical equipment supplied to Civil Aviation Organization in the manufacturer premises.
- Performing site acceptance tests for the installed equipment in the airports and navigation aids stations.
- Supervising and commissioning installed electrical equipment.