

Holds a B. Sc. in Electrical Engineering and Master of Business Administration (MBA). Has about 10 years hands-on experience working in protection.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/10/1986
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Electrical Engineering, Zagazig University, 2008
: Master of Business Administration (MBA), Paris ESLSCA Business School, France, Egypt Branch, 2012

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: MS Project

TRAINING COURSES AND CERTIFICATIONS

: Pearson SRF BTEC Level 5 Certificate, Professional Award in Project Management in Security Systems, United Kingdom (Oct. 2017).
: Pearson SRF BTEC Level 4 Certificate, Professional Award in CCTV systems integration, United Kingdom (Mar. 2017).
: Pearson SRF BTEC Level 4 Certificate, Professional Award in installation of high security grade intruder and hold-up alarm systems, United Kingdom (Mar. 2017).
: Pearson SRF BTEC Level 4 Certificate, Professional Award in networking technology for security systems, United Kingdom (Mar. 2017).
: Pearson SRF BTEC Level 4 Certificate, Professional Award in installation of high security access control systems, United Kingdom (Mar. 2017).
: Pearson BTEC Level 3 Certificate, Advanced Diploma in Integrated Security Systems, United Kingdom (May 2016).

- : Participated in the Integrated Nuclear Security Support Plan (INSSP) Review Meeting for the Republic of Egypt, Cairo – Egypt (6-10 May 2018).
- : Participated in the International Workshop on Nuclear Security Culture in Practice, Islamabad, Pakistan (23-26 Apr. 2018).
- : Participated in the Workshop on Nuclear Security – The Role of Humans and Systems, University of Sharjah, Sharjah, United Arab Emirates (22-25 Oct. 2017).
- : Participated in the Workshop on the Fundamentals of Physical Protection at sites holding Nuclear and Radiological Materials, King's College London, London, United Kingdom (24-29 Sep. 2017).
- : Project Management Course, Tavcom Training Center – UK Company, Cairo, Egypt (10-14 Sep. 2017).
- : Participated in the National Training Course on Regulatory Authorization for Nuclear Security during the Lifetime Stages of Nuclear Reactors, Cairo, Egypt (9-13 Apr. 2017).
- : CCTV System Integration Course, Tavcom Training Center, United Kingdom (24-28 Oct. 2016).
- : Advanced Intruder Alarms Course, Tavcom Training Center, United Kingdom (19-21 Oct. 2016).
- : Advanced Access Control Course, Tavcom Training Center, United Kingdom (17-19 Oct. 2016).
- : Designing Networks for Security, Tavcom Training Center, United Kingdom (10-14 Oct. 2016).
- : Participated in the International Training Course on Physical Protection Inspections at Nuclear Facilities, Obninsk, Russian Federation (13-24 Jun. 2016).
- : Participated in the National Training Course on Preventive and Protective Measures against Insider Threats, Cairo, Egypt (7-11 Feb. 2016).
- : Practical access Control Course, Tavcom Training Center, United Kingdom (1-5 Feb. 2016).
- : Practical IP Course, Tavcom Training Center, United Kingdom (25-29 Jan. 2016).
- : Practical Intruder Alarms Course, Tavcom Training Center, United Kingdom (18-22 Jan. 2016).
- : Practical CCTV Course, Tavcom Training Center, United Kingdom (11-15 Jan. 2016).
- : Participated in the National Workshop on Developing Nuclear Security Plans for Research Reactors, Cairo, Egypt (17-21 May 2015).
- : Participated in the National Training Course on Nuclear Security Management of Research Reactors, Cairo, Egypt (10-14 May 2015).
- : Participated in the Technical Visit to observe the Establishment of Physical Protection Labs, Islamabad, Pakistan (Mar. 30 – Apr. 10, 2015).
- : Participated in the National Workshop on Threat Assessment and Design Basis Threat (DBT), Cairo, Egypt (15-18 Feb. 2015).
- : Participated in the Planning Meeting to initiate the Drafting of the Operational Level 2 Requirements Documents for ETRR1 and ETRR2, IAEA, Vienna, Austria (5-9 Jan. 2015).
- : Participated in the Regional Workshop on the Implementation of Nuclear Security Recommendations on Physical Protection of Nuclear Material and Nuclear Facilities (INFCIRC/225/Revision 5), Cairo, Egypt (7-11 Dec. 2014).
- : Participated in Finalization Meeting of the Integrated Nuclear Security Support Plan (INSSP), Cairo – Egypt (24-27 Nov. 2014).

- : Participated in the IPPAS Mission and preparing Operational Level 1 Requirements Documents for ETRR1, Cairo, Egypt (20-22 May 2014).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2018 till Sep. 2019
Taking care of my son after having an accident.

Dates : From Jan. 2015 till Sep. 2018

Employer : First Egyptian Research Reactor

Job title : Project Engineer

Job Description :

- Managing the international atomic energy agency project for the turnkey solution of physical protection upgrades that executed in the first Egyptian research reactor.
- Preparing the operation requirements level two (OR2).
- Preparing the statement of work (SOW).
- Assigning security systems components and its specification.
- Assigning the required grade of security systems.
- Design and installation of physical security systems.
- Reviewing the final design.
- Participating in the technical evaluation of potential bidders for the contract.
- Responsible for quality assurance and control.
- Monitoring the installation of security systems to assure the required quality.
- Monitoring the work of contractors including civil works during all phases of the project.
- Preparing a weekly report about the project status to stakeholders.
- Preparing a database to control all project documents.
- Configuration and troubleshooting of security systems.
- Making integration between different security systems.
- Reviewing all documents and layouts submitted by contractors.
- Preparing the acceptance test templates for the installed security systems.
- Preparing preventive maintenance templates for the installed systems.
- Testing and commission of the installed security systems.
- Participating in preparing project technical manuals.
- Establishing an effective communication channel between all project stakeholders to facilitate project execution.
- Driving the project to the closure on time and within budget.

Dates : From Jan. 2015 till Sep. 2018

Employer : First Egyptian Research Reactor

Job title : Physical Security Manager

Job Description :

- Responsible for physical security systems of the facility.
- Monitoring the operation of physical security systems of the facility.
- Applying ENRRA and IAEA requirements and regulations.
- Ensuring the execution of security systems maintenance plans.

- Preparing site procedures to minimize risks and threats.
- Preparing and updating the security plan of the facility.
- Integrating between safety, safeguard and security according to IAEA standard.
- Conducting risk analysis and vulnerability assessment of physical security systems, and provide recommendations to top management.
- Assigning nuclear security requirements.
- Training the operators of security systems.
- Preparing the area's classification of the facility according to IAEA standards.
- Assigning access levels for the facility employees and visitors.
- Continuous coordination with safeguard manager to ensure nuclear material security.
- Continuous coordination with safety manager to ensure the security of the vital areas.
- Configuration and troubleshooting of security systems.
- Preparing the physical security systems operation procedures and organizing the working environment inside the central alarm station.
- Updating the facility security systems documents.
- Participating in facility management meetings.
- Enhancing security culture inside the facility.

Dates : From Feb. 2014 till Dec. 2014
Employer : First Egyptian Research Reactor
Job title : Physical Security Specialist
Job Description :

- Preparing a detailed report about security systems in the facility.
- Preparing the operational requirement level one (OR1) for the physical protection upgrading project.

Dates : From Jan. 2010 till Dec. 2014
Employer : First Egyptian Research Reactor
Job title : Operation & Control Engineer
Job Description :

- Operation and control of the nuclear reactor.
- Monitoring the radiation level during the reactor operation.
- Supervising all works in the reactor during the reactor operation.
- Calibration of meters and devices in the operation room.
- Monitoring preventive and corrective maintenance for systems inside the operating room.
- Examine accidents in order to obtain data that can be used to design preventive measures.

Skills:

- Testing and Commissioning.
- Physical security systems.
- Networking & IT.
- Project Management.
- Quality Management.