

Holds a B. Sc. in Electrical Power & Machines Engineering and has more than 11 years hands-on experience, including 6 years in Safety Management, 3 years in Planning & Maintenance and 2 years in Spare Parts and Warehouses Management.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/07/1986
Gender : Male
Marital Status : Married
Residence : Helwan, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2009

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Programming Languages: Matlab, Lightswitch, Arduino, Visual Basic package, Assembly
: SAP (Enterprise Resource Planning Software: MM & PM Modules)
: MS Project
: Google Sketchup 3D design
: Several distributions of Linux
: CCNA
: Photoshop CS

TRAINING COURSES AND CERTIFICATIONS

: NEBOSH – International General Certificate – OGS.
: IOSH – Managing Safely.
: ISO 45001 Certified Internal Auditor.
: OHSAS 18001 Certified Internal Auditor.
: Integrated Management Systems ISO 45001, ISO 50001, ISO 9001 and ISO 14001 Awareness.

- : Accidents Investigation.
- : Lean 6 Sigma – White Belt.
- : Training Excellence Certified – TOT.
- : Advanced Safety Specialist Certified.
- : Heavy Mobile Equipments and Yellow Machines Inspection – Arabian Agency.
- : Working at Heights and Rescue Plan – Oil and Gas Skills.
- : Accident Investigation and Root Cause Analysis – Oil and Gas Skills.
- : Lock-out Tag-out Try-out.
- : Defensive Driving & Safe Driving Trainings.
- : General Maintenance Management – American University in Cairo.
- : Cement Manufacturing for non-production engineers – SCGC Experts.
- : SAP; Material Management & Plant Maintenance Modules – SCGC Experts.
- : Uninterrupted Power Supplies Maintenance – Schneider Electric.
- : ACS-800 Drives Maintenance and Commissioning – ABB Egypt.
- : Switch Gears and Static Relays – ABB Egypt.
- : PLC (soft/hard) ware, certificate – High Tech. Center.
- : AutoCAD 2D, certificate – SYSNET Lab.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2019 till now
- Employer** : Hitachi ABB Transformers, Egypt
- Job title** : Health, Safety and Environment Manager
- Job Description** :
- Governance: Delivering and deploying HSE training, audit and Group-wide performance improvement programs to the factory employees.
 - Metrics: Providing analysis of HSE data within area of responsibility. Reporting on progress on implementation of Sustainability Objectives and key performance leading/lagging indicators (KPIs).
 - Regulatory compliance: Contributing to assessing emerging HSE trends and legislation and communicating relevant information on legal requirements. Supporting to operate in compliance with standards and respective legal obligations.
 - Risk management: Delivering audit (as per Group Audit Program and Internal developed programs) and support follow up of improvement actions in the factory.
 - Operational support: Contributing to driving behavioral change and continuous improvement through delivery of training and competence initiatives and expert support to the factory teams in line with yearly HSE Plan agreed with the Business Units. Supporting the sharing of best practice. Coordinating and reporting on HSE performance.
 - Communication and engagement: Cooperating across functions and with factory teams to raise awareness of HSE standards and initiatives and drive performance, engages with internal and external stakeholders to build commitment and credibility.
 - Project management: Contributing to and/or plans and executing Occupational Health, Safety and Environment performance and related

projects. Developing and reporting on project objectives. Managing project resources such as manpower, financials and other relevant factors.

Dates : From Sep. 2019 till Nov. 2019
Employer : Hassan Allam Construction
Job title : Health, Safety and Environment Manager
Job Description :

- Participating in setting the mobilization layout.
- Assuring the subcontractors' qualifications and their related specialized workers.
- Setting the subcontractors' contracts Safety Annex.
- Monitoring the onsite activities and making sure it meets all the procedures' requirements.
- Communication with the Project Owner and Project Consultant.
- Setting objectives for staff and pushing/monitoring the progress of achievement.
- New hires safety induction.
- Leading the accidents investigation team.
- External communication with legal authorities.
- Participating the risk management process.
- Follow up for the PPE stock levels and purchasing cycle.

Dates : From Oct. 2015 till Aug. 2019
Employer : Tourah Cement - Suez Cement Group
Job title : Health and Safety Manager
Job Description :

- Managing the Safety and Firefighting teams (15 Employees and 22 Contractors).
- Advising the plant staff for safe operation and maintenance interventions.
- Putting targets for employees' evaluation, and follow-up for Safety Statistics (Inspections - Safety talks - Employees Reporting).
- Monitoring the implementation of the existed safety standards (PPE, WAH, LOTOTO, CSE, Hot Work, GHS, CPD, and work permits).
- New hires safety induction.
- Follow-up for Safety Roadmaps implementation.
- Participating in preparation, implementation, and follow-up for Safe Operating Procedures.
- Communication with external authorities (Civil Defense, Safety Office, Medical Check Authority, External Auditors) to adapt the legal situation of the plant.
- Follow-up for the CARs (Corrective actions for detected unsafe conditions).
- Safety induction for new hires.
- Contractors safety management (Coordination Plans, Evaluation and Infringements).
- Implement Plant Monthly Sustainability Site Surveys.
- Maintaining safety communication signs.
- Maintaining H & S management system according to OHSAS 18001, and upgraded the Safety Management System to ISO 45001 in 2019.
- Pre-Shutdown activates (Arrangements for scrap and rest areas,

- Contractors induction/entry management, Coordination Plan meeting).
- Risk Management & Follow-up for the plant overhauls.
- Prepare/Hold Monthly Safety Committee Meetings.
- Consolidate and lead the accidents' investigation teams.
- Prepare analysis of incidents (accidents/near misses) reports.
- Follow-up for internal/external audits' findings closing.
- Prepare Risk Assessment / Job site hazardous Analysis.
- Follow-up for firefighting truck & tools in the plant, to assure proper response in case of fire.
- Follow-up for the safety tools & PPE stocks, and purchasing.

Dates : From May 2015 till Sep. 2015
Employer : Kattameya Cement - Suez Cement Group
Job title : Safety Section Head
Job Description :

- Maintaining H & S management system according to OHSAS 18001.
- Risk Management & Follow-up for the plant overhauls.
- Participate the accident investigation and root cause analysis.
- Follow-up for internal/external audits' findings closing.
- Prepare Risk Assessment / Job site hazardous Analysis.
- Investigation & analysis of incidents (accident/near misses) & preparation of related report.
- Follow-up for Safety Roadmap implementation.
- Follow-up for the CARs (Corrective actions for detected unsafe conditions).
- Follow-up for personnel reporting.

Dates : From Aug. 2012 till Apr. 2015
Employer : Helwan Cement - Suez Cement Group
Job title : Planning & Methods Section Head
Job Description :

- Ensuring the safety of my subordinates.
- Spare parts requirements planning, movements follow-up, and purchasing with stock optimization.
- Performing Root Cause Analysis, and projects planning.
- Sharing in preparing the hand-over of the maintenance contractor.
- Sharing in building and starting the Electrical Preventive Maintenance (PM) Dept.
- Preparing the electrical equipments lists, and the related bulletins.
- Preparing the preventive maintenance plans.
- Issuing and following up the inspection orders.
- Shutdown activities planning & Follow-up.
- Keep records on preventive maintenance performed.
- Monitoring the maintenance KPIs.

Dates : From Feb. 2012 till Aug. 2012
Employer : Suez Cement Group (Italcementi)
Job title : Warehouses Section Head
Job Description :

- Managed the Master Data Management (MDM) project for standardization of description and unification of codes of spare parts

among plants, and its governance phase.

- Adjusted MRP parameters (Min - Max levels) of spare parts in the warehouses according to consumption history and confirmation from maintenance team.
- Trained plants' warehouse staff on the guidelines for inventory control.
- Coordinated and communicated with the plants' maintenance departments for better control on spare parts ordering and reservation.
- Made sure that the inventory is well organized in the plant ensuring better handling operations.
- Developed monthly analytical reports for the inventory and stock control and weekly reports analyzing the stock movement, highlighting errors and amending them when needed.
- Tested all the material purchasing, receiving, and issuing cycle on SAP, after the ERP system upgrade.

Dates	:	From Feb. 2010 till Jan. 2012
Employer	:	Suez Cement Group (Italcementi)
Job title	:	Electrical Engineer (Codification)
Job Description	:	<ul style="list-style-type: none">• Working on a strategic project, the project called "Master Data Management". It aimed to improve the description of all the spare parts of the cement 5 plants including mechanical and electrical spare parts, by physical inspection and communicating with the maintenance, purchasing, and preparing departments.• Material management on the most Known ERP Software, SAP, moreover, the materials requirements planning (MRP), and warehouses management techniques (i.e. The 5S technique) as well as the spare parts themselves.• Acquire with the purchasing cycle as well as the rules of requesting for quotation with a neutral description to avoid the single source of supply, and the evaluation procedure.• Coordination of the project team, consisted of 5 engineers not including me. And coordinating the project's data flow between five plants (17 engineers).

Special Skills and Know How:

- Design and implementation of functional Inspection Program for maintenance, health and safety and environment, with an automatic reporting and evaluation email delivery.
- Project Leader and innovator of the Computerized Lock out Tag out system.
- Electronics (Arduino Based) – I had made two industrial tested electronic systems; Que Management System & Sound Management System.

Tools created by me:

I have done all the below tools by self-motivation; these were not under my duties:

- LOTO Computerized Sys - This stat of art system is developed to deliver the following advantages in the Lock out / Tag out process:
 - Eliminate paperwork.
 - Can be a trusted reference due to using the biometric fingerprint

- signature and digital date/time.
- Can't miss any loop of the procedures, as it can't by-pass any step.
 - User friendly interface and dual language (Arabic/English) in the electrical rooms.
 - Can make a log history for any equipment (when it isolated, who asked, the job duration, etc.).
 - The log history can be accessed from any computer inside the company.
 - Include a feature to send an E-mail to the concerned persons/departments for each LOTO attempt.
 - E-mail feature to all the departments in case if main equipment lock out (Kiln, Mill, Crusher) to provide information sharing.
 - Automatically print the LOTO certificate after isolating the equipments.
 - Controllable between the involved persons inside the logbook, where it is working under fingerprint scanner techniques to accept/reject the LOTO attempt.
 - Can display easily all the equipments locked at the time being.
 - There is a big screen inside the CCR always displaying the Currently Lock equipments.
 - Archive the LOTO certificates in PDF format.
- MaterialPedia ®: I developed this tool to adapt the spare parts descriptions according to international standards like UNSPSC Tree and ISO 8000. It also helps the purchasing dept. by getting commercially neutral descriptions to free any company from the one single source of supply.
 - TVS Platform ®: I designed this tool specifically for the purchasing dept., it's developed to automate the procurement process based on "Build Once, Use Many" approach. A cost reduction study was done after using this tool revealed a manpower saving of 2000 Man-hour per year.