

Holds a B. Sc. in Mechanical Power Engineering and has over 19 years hands-on experience working in material handling and quality field.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 22/04/1978  
Gender : Male  
Marital Status : Married  
Residence : Qalubia

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Ain Shams University, 2002

## LANGUAGES

Arabic : Native Language  
English : Excellent

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD

## TRAINING COURSES AND CERTIFICATIONS

: Lean Six Sigma Green Belt (Training).  
: Lean Six Sigma Black Belt (Training).  
: Certified Manager of Quality (CMQ) (Training).  
: Total Quality Management: Implementation and Tools.  
: ISO 9001:2015 Certified Lead Auditor (CQI/IRCA).  
: RT LEVEL II certified in accordance with Recomm. Practice No. SNT-TC-1A.  
: MT LEVEL II certified in accordance with Recomm. Practice No. SNT-TC-1A.  
: PT LEVEL II certified in accordance with Recomm. Practice No. SNT-TC-1A.  
: UT LEVEL II certified in accordance with Recomm. Practice No. SNT-TC-1A.

- : Certified in fusion welding inspection as a Welding Inspector in accordance with CSWIP 3.1 requirements (38449).
- : Relationship Management - Preparing the Client Relationship.
- : Advanced Interpersonal Communication: Communicating with Co-Workers.
- : Emotional Intelligence: Applying Emotional Intelligence in the Workplace.
- : Emotional Intelligence: Developing Emotional Intelligence Skills.
- : Business Problem Solving: The Problem-Solving Process.
- : Business Problem Solving: Problem Solving Fundamentals.
- : Decision Making and Problem Solving: Problem Solving Fundamentals.
- : Interpersonal Communication: Listening Skills.
- : Self-Development: Positively Influencing Others.
- : Self-Development: Improving Your Memory.
- : Self Development: Balancing Your Personal and Professional Life.
- : Self Development: Motivating Yourself to Perform.
- : Achieving Success Without Authority: Focusing on Results.
- : Organizational Skills: Managing Information.
- : Career Development: Developing a Career Strategy.
- : Career Development: Excelling in Your Career.
- : Career Development: Professional Networking.
- : OSHA General Industry Safety & Health (29CFR 1910).
- : OSHA Construction Industry Safety & Health (29CFR 1926).
- : Compressed gas safety.
- : Confined space authorized initial.
- : EHS overview for field services.
- : Electrical safety awareness.
- : Extreme temperature awareness.
- : Fall protection – competent person.
- : Hand & power tools.
- : Hazardous waste awareness.
- : One GE on-site safety plans.
- : Portable fire extinguishers.
- : Travel health, safety, and security overview.
- : Fire Fighter Training.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Feb. 2015 till now
- Employer** : [EGYPTROL](http://www.egyptrol.com), GE Energy Subcontractor
- Projects** :
  - New Assiut Combined Cycle Add-On Power Plant 500MW, Assiut, Egypt
  - Assiut Power Station 1000MW, Assiut, Egypt
- Job title** : QA/QC Manager
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- Dates** : From May 2013 till Feb. 2015
- Employer** : Arabian Bemco Contracting Co.

**Project** : Riyadh Combined Cycle Power Plant #12 (2175MW), KSA  
**Job title** : QA/QC Manager

**Dates** : From Mar. 2012 till Apr. 2013  
**Employer** : ABB  
**Projects** :

- Gas Turbine Power Plant Dohuk II Unit 5-8, Kurdistan – Iraq
- Gas Turbine Power Plant Sulaymaniyah 7 & 8, Kurdistan – Iraq

**Job title** : QA/QC Manager

**Dates** : From Oct. 2011 till Mar. 2012  
**Employer** : [EGYPTROL](#), SOCOIN Subcontractor  
**Project** : Extension of Dier Ali Combined Cycle Power Plant (1250MW) – Syria  
**Job title** : Quality Expert

**Dates** : From Dec. 2010 till Aug. 2011  
**Employer** : Kharafi National  
**Projects** :

- Al-Shabab 1000MW Simple Cycle Gas Turbine Power Station
- Damietta 500MW Simple Cycle Gas Turbine Power Station

**Job title** : Senior Mechanical Quality Control Engineer

**Dates** : From Aug. 2009 till Dec. 2010  
**Employer** : Project Services Company (PSC)  
**Projects**

- Renewal of ASME Certificates of Authorization 'A' #36,256 & 'PP' #36,257 and New Issuance of 'S' #39,325 & 'U' #39,326
- Integrated Solar Combined Cycle Power Plant of Kureimat:
  - Erection of Systems, equipment and components corresponding to GT and GT Generator.
  - Erection of Systems, equipments and components corresponding to ST and ST Generator.
  - Erection of Systems, equipment and components corresponding to HRSG and HTF exchangers.
  - Erection of Common systems, equipments and components of the Combined Cycle (condenser, towers, etc.).
- Sidi Krir Power Station III 750MW: Erection of two Heat Recovery Steam Generations (HRSG 1, 2)
- Erection of Ethylene Storage Tanks, Port Said
- Fabrication and Erection of Ethylene flare stack, Port Said
- EDC Furnaces, Port Said
- Rehabilitation & Extension of Alexandria East WW Treatment Plant (EWTP): Fabrication and Erection of Primary Sedimentation Tank, Primary Sludge Thickener and Grit and Grease Removal Tank

**Job title** : Quality Control Manager

**Dates** : From Jun. 2008 till Aug. 2009  
**Employer** : SGS Egypt Ltd (Soscitee General De Service Egypt), Branch SGS Swiss: SGS manages the QA/QC departments in DSD Ferrometalco (The Egyptian-German Company for Steel Construction).

**Project** : El-Tebbin Thermal Power Plant 2x350MW Gas/Oil Fired Units  
**Job title** : Senior QA/QC Engineer

**Dates** : From Apr. 2008 till Jun. 2008  
**Employer** : Consolidated Contractors International Company (CCIC)  
**Project** : Pearl GTL Project – Qatar  
**Job title** : QC Engineer

**Dates** : From Dec. 2006 till Apr. 2008  
**Employer** : ORASCOM Construction Industries  
**Projects** :

- Syria Cement Plant (about 6000 Ton of steel structure had been inspected by me)
- Libya Cement Plant (about 5000 Ton of steel structure had been inspected by me)
- UCC Calabar Cement Plant – Nigeria (about 4000 Ton of steel structure had been inspected by me)
- CIBA Gray Cement Plant – Algeria (about 5000 Ton of steel structure had been inspected by me)
- CIBA White Cement Plant – Algeria (about 4000 Ton of steel structure had been inspected by me)
- Emirates Cement LLC Plant – Emirates (about 2000 Ton of steel structure had been inspected by me)

**Job title** : Senior Welding & QC Engineer

**Dates** : From Sep. 2006 till Dec. 2006  
**Employer** : SEAGULL – subcontractor of NEM  
**Project** : Cairo North Power Station II  
**Job title** : Stack Site Manager

**Dates** : From Apr. 2006 till Sep. 2006  
**Employer** : SEAGULL – subcontractor of SIEMENS  
**Project** : New Kureimat Power Station  
**Job title** : QC Manager

**Dates** : From Nov. 2005 till Apr. 2006  
**Employer** : SEAGULL – subcontractor of SIEMENS  
**Project** : New Talkha Power Station  
**Job title** : QC Manager

**Dates** : From Oct. 2005 till Nov. 2005  
**Employer** : DSD steel factory  
**Project** : New Naga Hammadi Barrage and Power Plant  
**Job title** : QC Engineer

**Dates** : From May 2005 till Oct. 2005  
**Employer** : SHOTMED ENGINEERING steel factory  
**Projects** :

- UCC Calabar, Cement Plant – Nigeria (steel St. & plat work about 2000 Ton).
- Objana Cement Plant – Nigeria (steel Structure & plat work about 2000 Ton).

**Job title** : QC Manager

**Dates** : From Feb. 2005 till May 2005  
**Employer** : KOLALY ENGINEERING steel factory  
**Project** : Gabal Ali Cement plant – KSA (steel structure & plat work about 2500 Ton)  
**Job title** : QC Manager

**Dates** : From Dec. 2002 till Feb. 2005  
**Employer** : N.S.F. steel factory  
**Projects** :

- Amerya Cement plant - Alex. – Egypt (steel structure & plat work)
- Enfida Cement plant – Tunisia (steel structure & plat work)
- Kafo Fertilizers plant – Qatar (steel structure)
- Fabrication of 79 pressure vessels for Dukhan gas field – Qatar
- Fabrication Of 8 pressure vessels for BIR REBA NORD – Algeria
- Fabrication of 16 fan towers Nerea / Dania wind farm towers (Greece)
- Suez phase II Fertilization plant – Egypt (steel structure)
- Helwan Fertilization plant – Egypt (steel structure)
- Qassim Cement Plant – KSA (steel structure & plat work)
- Alexandria Fertilization plant – Egypt
- Suez Fertilization plant – Egypt
- Alex. Fertilization plant – Egypt (steel structure, ducts and boilers)
- Cairo North Substation – Egypt (steel structure)
- Nigeria Cement Co. line II – Nigeria (steel structure & plat work)
- Talkha Substation – Egypt (3 solar tanks, 2 stainless steel tanks)
- White Cement Plant – Algeria (steel structure & plat work)
- Egyptian Cement Company line II – Egypt (steel structure & plat work)
- Qatar Cement factory – Qatar (steel structure & Preheater Tower)
- Spain power station – Spain (steel structure & inlet and outlet Ducts)
- Nubaria power station – Egypt (steel structure, Diffuser, Diverter, Square to square, Stack pipes & plat work)
- UCC Calabar, Cement Plant – Nigeria (steel structure & plat work)

**Job title** : Welding Supervisor & Production Engineer

**Codes & International Standards:**

- ASME codes.
- AWS codes.
- ASTM Standards.
- API codes.
- AISC (code of standard practice for steel buildings and bridges).
- DIN, EN, BS and ISO Standards.
- ANSI/ASNT Standards.

- Field of experience :**
- My duty is to increase quality through Continuous Improvement, monitoring cost of Quality and quality process and drive customer satisfaction within the division. I drive a Culture of Quality where quality is built-in to the planning process, enabling teams to do their work right the first time, where processes are followed in execution, where shortcomings and defects are captured as non-conformances, where problems are fed back into the organization for accountability and resolution, and where ideas and lessons learned are captured for future improvement. I help front-line and back office teams resolve problems.
  - My further duties include but not limited to the following:
    - Drive the full implementation of the Quality Management System, develop Audit plan, perform Audits, and drive compliance improvement and simplification of the QMS.
    - Ensure that all the departments within workshop and field sites at all time comply with the requirements of the applicable ASME Code, National Board Inspection Code, and Quality Control Manual.
    - Review the applicable Code Edition / Addenda after issue for change required by such and to arrange for any necessary revisions to quality control system.
    - Work with Project leaders and teams to create a roadmap of continuous improvement projects and track.
    - Lead QA/QC Team to manage quality of works, including Shop Test & Inspection, Site Test & Inspection.
    - Review of EPC QA/QC Manual & Procedures.
    - Monitoring of the EPC works in accordance with the agreed Project Management Procedures to ensure the delivery of a quality product.
    - Review, agree and monitor the EPC Project Quality Plan.
    - Communication of the quality plan and its objectives to staff, Owner`s Engineer and EPC Contractor.
    - Develop statistical reports on Quality performance.
    - Identify and communicate lessons learned though the Project lifecycle.
    - Manage the Project quality control testing service.
    - Review of Quality Documents to ensure they are in accordance with Customer requirements.
    - Creation of Quality ITPs per Industry standards and Customer requirements.
    - Coordination with Customer Team for timely approval and implementation of the ITPs.
    - Continuous improvement of ITPs to incorporate Customer feedback and lessons learned.
    - Working with Suppliers and OEMs to ensure products are manufactured in accordance with Contract requirements.
    - Collation of Quality Data books (TOPs) for products to present to Customer and get approval.
    - Definition of Product Acceptance Criteria per applicable industry standards.
    - Submission of written proposals for Contract deviations and timely approvals from Customer.
    - Management of contract Quality KPIs and regular updates to Customer and Project Leadership.

- Planning and execution of Internal Audits to identify non-conformances and areas for improvement.
- Check that customer requirements are fully determined, reviewed and considered in all site activities.
- Ensure that Customer is duly informed of site Quality issues and progress.
- Ensure that Customer complaints, if any, are communicated to the Project Manager and to the Unit Managers.
- Prepare, implement and update the Site Quality Plan(s) in collaboration with the Project Manager, Engineering Manager and Erection and Commissioning Managers.
- Review work procedures and method statements for compliance with good work practices and with the contract requirements.
- Check on a regular basis that quality-related activities are in line with the project cost and time schedules.
- Check and to ensure that necessary site processes & instructions are implemented and are in line with Customer expectations, legal requirements and internal quality policy and instructions.
- Participate in analysis of site deviations, problem solving and site corrective actions.
- Prepare and provide with monthly quality reporting to Project Management on the performance / the effective results of the implementation of the site quality plan and on relevant improvement actions.
- Attend and justify the site quality organization and results during internal and external site Quality audits deployed on the project.
- Conduct preconstruction meetings with subcontractors and the Site Manager prior to the start of each new phase of the work to discuss issues that affect quality.
- Chair QA/QC site weekly meetings with the subcontractors' QC personnel.
- Inform the Site Manager and jointly stop work if necessary to resolve matters that affect quality and/or inhibit the logical progress of work.
- Prepare and participate for regular "Project Review Meetings" and interact with ISO & ASME Consultant and Audit (as needed).
- Prepare quality assurance internal and external audit agenda and participate in audits.
- Assure timely and effective implementation of a project quality control program.
- Ensure subcontractors are suitable for the work.
- Ensure materials of the project are submitted and approved by consultant and /or client.
- To review, evaluate and audit the effectiveness of the quality system and to verify compliance of work output with, or identify area of non-conformance to specifications, standards and conditions specified in contracts.
- Verify that the quality related site activities are in accordance with the applicable codes and standards.
- Ensure all quality control documentation is compiled and completed for as-built hand over.
- Ensure the quality records, acceptance certificates, installation completion certificates and the documentation for specific systems

and areas are prepared and collated in accordance with the project requirements.

- Coordinate with the commissioning manager to define the scope of work.
  - Monitor and control the status of punch list.
  - Liaising with consultants, sub-contractors, supervisors, planners, quantity surveyors and the general workforce involved in the project.
  - Day-to-day management of the site, including supervising and monitoring the site labor working procedures.
  - Follow construction problems and give the proper solution as per engineering design requirements.
  - Review RFI & check it as per ITP and project procedures.
  - Follow up and evaluate inspectors' daily activities and performance.
  - Define and measure the overall effectiveness of the project quality plan.
  - Control the purchasing requisitions prepared by the Technical office in relations to the job's specifics.
  - Review and certification of Manufacturer's Data Reports for Code Items.
  - Approval of NDE procedures, and execution of required NDE through qualified and certified personnel.
  - Review all contract documents that pertain to the quality aspects of the work.
  - Monitor periodical calibration of measuring and testing equipment and maintenance of record of the calibration activities.
  - Review and approval of WPS's.
  - Collect records described in Quality Control Manual, and review them for completeness, correctness and Code compliance.
  - Prepare the overall inspection and testing schedule based on the construction schedule.
  - Coordinate external inspection agencies when required .
  - Preparation of welding books (welding Map, PQR, WPS, welding matrix and welder's certifications) according to ASME, AWS D1.1 and/or EN.
  - Review final documentation (TOP) before handover as appropriate.
  - Carry out any task that is required by Project Manager.
- Summary of Experiences:  
More than 19 years experience's in Construction and Fabrication fields, the following is a summary of some of my Construction experiences:
    - 8 nos. turn-key Projects.
    - 14 nos. Power Plant Projects (Simple, Combined and / or Solar).
    - 1 nos. Gas To Liquids (GTL) plant.
    - 1 nos. Potable Water and Wastewater Plant.
    - 6 nos. Steam Turbines Generator.
    - 37 nos. Gas Turbines.
    - 21 nos. HRSGs.
    - 2 nos. Gas & Oil-Fired Boilers.
    - 4 nos. Air Cooled Condensers
    - 1 nos. Dry Cooling Tower.
    - 1 nos. 380KV Substation