

Holds a B. Sc. in Metallurgical Engineering (Petroleum & Mining Dept.) and has over 22 years hands-on experience working as QC Engineer at several projects.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 07/04/1971  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Metallurgical Engineering (Petroleum & Mining Dept.), Suez Canal University, 1994

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office (Excel), Internet  
: Database

## **TRAINING COURSES AND CERTIFICATIONS**

: CSWIP SENIOR WELDING INSPECTOR 3.2.2 No. 105156.  
: BOSIET CERTIFICATE.  
: SEAMAN BOOK.  
: LEAD AUDITOR – IRCA APPROVED ISO9000:2001 (Expired).  
: Mechanical Tests at Alexandria Iron Co. (ANSDK).  
: Steel Making at Alexandria Iron Co. (ANSDK).  
: Painting course by HEMPEL Co.  
: ISO 9001 by LLOYD’S Register of Shipping.  
: Level 2 on RT, UT, PT and MT by MEMPHIS Co.  
: Certified Welding Inspector by American Welding Society.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2017 till now
- Employer** : Subsea7
- Project** : Atoll development project
- Job title** : QC Supervisor
- Job Description** :
- The Atoll gas field was discovered by BP Egypt in March 2015 in ~920m water depth in the North Damietta Offshore Concession in the East Nile Delta. BP has 100% equity in the discovery. Field development will be an initial 3-well Early Production System. Full field development, if the EPS is successful, will lead to the addition of further wells.
  - The Atoll wells will be tied back to a new Atoll subsea manifold via 10in flowlines. Control will be from West Harbor, in the Ras El Barr concession area, via a ~110km EHC umbilical to Atoll Subsea Distribution Unit. MEG supply shall be integrated into the main and infield umbilicals.
  - Atoll gas will be produced via a new ~40km 20in production pipeline from Atoll Manifold to the Taurt South field, also in the Ras El Barr concession area. At Taurt South, Atoll production will be tied into the existing ~68km 20in export pipeline from Taurt South to the onshore West Harbor gas processing facilities. This routing will be designated as the high pressure system.
  - All current and future Taurt production will be re-routed via the ~70km 30in export pipeline from Ha'py platform to West Harbor, which will be designated the low pressure export system. Existing tie-in spools will be removed and a new ~7km 20 inch pipeline will be installed from Taurt South TIM to Ha'py North Manifold to connect Taurt supply into the low pressure export system.
  - The Taurt and Ha'py facilities are in ~80-100m water depth and are owned by Pharaonic Petroleum Company (PhPC) and operated by the West Harbor Operations team. The following figure shows the overall schematic of the development.
  - Scope of work >>> Fabrication of:
    - PLET.
    - PLEM.
    - PLEM Suction Anchor.
    - Goosenecks.
    - Special Joints.
    - Jumpers.
    - Spools.
    - Installation aids & Sea-fastening.

- Dates** : From Apr. 2016 till Dec. 2016
- Employer** : Abu Qir Petroleum
- Job Description** :
- The Scope of Work of the Project is to install a new platform, named N A/Q P-III (the "Platform"), that will be located about 40 km to the North from the LPG Plant at Maadia, at a water depth of approximately 33 meters; the new platform will be installed on an existing template and will convey the production up to the onshore plant, in Maadia, via the existing AQ PI platform.

- The Platform is an unmanned conventional 4 leg steel platform with four foundation piles driven through the legs and a five levels deck. The Platform will be fabricated at PETROJET yard, in Maadia, under a separate contract between Company and the PETROJET (the "EPC Contractor").
- The Scope of Work of the Project also encompasses the tie-in of this new platform to an existing 16" sealine, with spools which will be fabricated and connected to the no. 2 Platform risers.

**Dates** : From Sep. 2009 till Apr. 2016

**Employer** : GPS/Saipem

**Projects** :

- Morgan & Zulef OFFSHORE (LTA PROJECT AT KSA ARAMCO): 115KV Cable lay 10 km, Vessel: CLV Willem De Vlamingh
- ABU SAFA OFFSHORE ( LTA PROJECT AT KSA ARAMCO): Pre-com for 16" crude oil line, flooding - reflooding - caliper – hydrotest and layup, Vessel: Zakher Pioneer
- HASBAH & ARABIYAH OFFSHORE & ONSHORE FACILITIES (WASITE PROJECT AT KSA ARAMCO): Installing underwater Spools, Grout Bags Support, Free Span Correction and Demolition, Vessels: CCC Pioneer and Mermaid Endrurar
- ICHTHYS Project - Gas Export 42" Pipeline EPCI Contract, Australia
- BIEN DONG 20" Pipeline Offshore, Vietnam
- BIEN DONG 12" Pipeline Offshore, Vietnam
- HSTD 6"; 8"; 12" Pipelines, Vung Tao, Vietnam
- Maintenance and upgrade – Karimun Base, Indonesia
- EXXON PNG-LNG EPC2 36" Gas pipeline project, Papua New Guinea
- 18" Cladding Pipeline/Jacket and Platform installation, Syria Project, THAILAND/MALAYSIA
- Maintenance and upgrade ASL & ST MARINE shipyards (Batam Indonesia and Singapore)
- SABRATHA PALTFORM, PROJECT SABRATHA ENHANCEMENT PRODUCTION PROJECT, Libya

**Job titles** : Vessel QC Supervisor / Vessel Quality Coordinator / Quality Control Coordinator

**Dates** : From Nov. 2008 till Sep 2009

**Employer** : SAIPEM Misr

**Project** : Burullus – SEQUOIA JOINT DEVELOPMENT PROJECT, Alexandria  
 SEQUOIA JOINT DEVELOPMENT PROJECT comprises six additional wells to the existing Sapphire and Rosetta developments.

**Job title** : QC Engineer

**Job Description** :

- Project Fabrication Workscope: 2 No Manifolds (one deep water and one for shallow water), 1 No TSB, 6 No PLET, Suction Piles with Foundations structures, 1 No SDA, 11 No Carbon Steel & Duplex Jumpers and 6 No spools.
- Responsibilities:
  - Coordination of Sub-Contractors quality personnel.
  - Review and approval of quality related procedures.
  - Monitoring of NDT operations including radiographic interpretation.
  - Represented contractor for all quality issues on site.

**Dates** : From Mar. 2008 till Oct. 2008  
**Employer** : IPR (EL FANAR OIL)  
**Project** : Burullus – West Delta Deep Marine Development Phase IV, Alexandria  
**Job title** : QA/QC Engineer  
**Job Description** : Fabrication of Jacket and Deck.

**Dates** : From Oct. 2006 till Feb. 2008  
**Employer** : SAIPEM Misr  
**Project** : Burullus – West Delta Deep Marine Development Phase IV, Alexandria  
**Job title** : QA/QC Engineer  
**Job Description** :

- Fabrication of subsea structures for the development of eight additional wells to the Scarab/Saffron and Simian development.
- Project Fabrication Workscope: 2 No Manifolds, 4 No TSB, 16 No PLET, 25 No Carbon Steel & Duplex Jumpers, suction piles, structure foundations and SDA.
- Responsibilities:
  - Coordination of Sub-Contractors quality personnel.
  - Review and approval of quality related procedures.
  - Monitoring of NDT operations including radiographic interpretation.
  - Represented contractor for all quality issues on site.

**Dates** : From Jan. 2006 till Oct. 2006  
**Employer** : BP/Gupco  
**Project** : Onboard Saipem DLB Crawler, Morgan Field, Gulf of Suez  
**Job title** : QC Engineer  
**Job Description** :

- WORKING OFFSHORE ON "SAIPEM DLB CRAWLER" AS QC ENGINEER FOR WELDING AND FABRICATION DURING PIPE LAYING (API1104) OF 20" PIPELINES IN MORGAN FIELD GULF OF SUEZ.
- ACTIVITIES: WPS's & PQR's REVIEWING, WELDER QUALIFICATIONS, WELDING INSPECTION, REVIEWING QC DOCUMENTATION, COORDINATOR FOR PRODUCTION.

**Dates** : From Jan. 2005 till Dec. 2005  
**Employer** : ESACO WORKSHOP - Borg El-Arab, Alex  
**Job title** : QA/QC MANAGER  
**Job Description** :

- PREPARING QA/QC MANUAL FOR COMPANY.
- PREPARING WPS's, PQR's AND ITP's FOR PROJECTS.
- FOLLOWING ALL QC ACTIVITIES.
- COMMUNICATED WITH CLIENTS.

**Dates** : From Apr. 2004 till Jan. 2005  
**Employer** : TECHNIP OFF SHORE - UK  
**Project** : GAS PLATFORM (SIMIAN/SIENNA PROJECT)

**Job Description** : 

- WORKING AS QC ENGINEER FOR WELDING AND FABRICATION (AWS D1.1 AND EMMUA 158) FOR BOAT LANDING, RISER CLAMPS, BARGE BUMPERS, MUDMATES 20", 10", 26" AND 4", HUB SUPPORT, YOKES AND SLIDING MOUDULS.
- PIPE LAYING (DNV) OF TWO PIPE 4" (SIMMIAN AND SAPPHIRE) AND CONDUIT 10".
- ACTIVITIES: WPS's & PQR's REVIEWING, WELDER QUALIFICATIONS, WELDING INSPECTION, DIMENSION CHECK, REVIEWING QC DOCUMENTATION, COORDINATOR FOR PRODUCTION.

**Dates** : From Sep. 2003 till Apr. 2004

**Project** : DAMIETTA LNG PROJECT

**Job Description** : 

- WORKING AS QC FOR WELDING (API 200, API 650 AND ASME B31.1).
- ACTIVITIES: WELDER QUALIFICATIONS, WELDING INSPECTION, NDT, PREPARING QC DOCUMENTATION, PUNCH LISTS AND HYDROTESTING.

**Dates** : From Apr. 2003 till Sep. 2003

**Project** : THIOPAQ TREATMENT UNIT

**Job title** : QC Engineer

**Job Description** : WPS's & PQR's REVIEWING, WELDER QUALIFICATIONS, WELDING INSPECTION, NDT, HEAT TREATMENT, PREPARING QC DOCUMENTATION, PUNCH LISTS, HYDROTESTING, PAINTING, REINSTATEMENT AND DOCUMENT HANDOVER FOR COMMISSIONING.

**Dates** : From Jan. 2003 till Apr. 2003

**Project** : INLET GAS COMPRESSION UNIT

**Job title** : QC Senior Engineer

**Job Description** : WELDING INSPECTION, NDT, PREPARING QC DOCUMENTATION, PUNCH LISTS, HYDROTESTING, REINSTATEMENT AND DOCUMENT HANDOVER FOR COMMISSIONING.

**Dates** : From Nov. 2001 till Jan. 2003

**Employer** : EDF (ELECTRICITY de FRANCE)

**Projects** : 

- SUEZ GULF Power Station (2x241MW)
- PORT SAID Power Station (2x241MW)

**Job title** : QC ENGINEER FOR BOILERS (ASME CODE)

**Job Description** : 

- WPS's & PQR's REVIEWING, WELDER QUALIFICATIONS, WELDING INSPECTION, NDT, HEAT TREATMENT, PREPARING QC DOCUMENTATION, PUNCH LISTS, HYDROTESTING, REINSTATEMENT AND DOCUMENT HANDOVER FOR COMMISSIONING.
- INSPECTION AND COORDINATOR FOR VENDORS OF FABRICATION.

**Dates** : From Dec. 2000 till Oct. 2001  
**Employer** : Alexandria Petroleum Co.  
**Project** : Naphtha Reformer Complex  
**Job title** : QC ENGINEER FOR PIPING (ASME B31.1)  
**Job Description** : WPS's & PQR's REVIEWING, WELDER QUALIFICATIONS, MATERIAL INSPECTION, WELDING INSPECTION, NDT, HEAT TREATMENT, PREPARING QC DOCUMENTATION, PUNCH LISTS, HYDROTESTING, REINSTATEMENT AND DOCUMENT HANDOVER FOR COMMISSIONING.

**Dates** : From Jan. 2000 till Dec. 2000  
**Employer** : AMOC  
**Project** : Lube Oil Expansion Project  
**Job title** : QC ENGINEER FOR 72 TANKS WITH FIXED ROOF (API 650)  
**Job Description** : WPS's & PQR's REVIEWING, WELDER QUALIFICATIONS, WELDING INSPECTION, NDT, PREPARING QC DOCUMENTATION, PUNCH LISTS, HYDROTESTING, REINSTATEMENT, PAINTING AND DOCUMENT HANDOVER FOR COMMISSIONING.

**Dates** : From Jul. 1998 till Dec. 1999  
**Employer** : Egyptian Electricity  
**Project** : Sidi Krir Power Station (2x320MW)  
**Job title** : QC ENGINEER FOR TURBINES, CONDENSER AND PIPING (ASME CODES)  
**Job Description** : WPS's & PQR's REVIEWING, WELDER QUALIFICATIONS, WELDING INSPECTION, NDT, HEAT TREATMENT, PREPARING QC DOCUMENTATION, PUNCH LISTS, HYDROTESTING, REINSTATEMENT, PAINTING AND DOCUMENT HANDOVER FOR COMMISSIONING.

**Dates** : From Nov. 1997 till Jun. 1998  
**Employer** : Egyptian Electricity  
**Project** : Sidi Krir Power Station (2x320MW)  
**Job title** : QC ENGINEER FOR BOILER, CRITICAL AND NON-CRITICAL PIPING (ASME CODE)  
**Job Description** : WPS's & PQR's REVIEWING, WELDER QUALIFICATIONS, WELDING INSPECTION, HEAT TREATMENT, PREPARING QC DOCUMENTATION, PUNCH LISTS, HYDROTESTING, REINSTATEMENT, PAINTING AND DOCUMENT HANDOVER FOR COMMISSIONING.

**Dates** : From Nov. 1996 till Nov. 1997  
**Employer** : National Steel & Fabrication Co.  
(at 6<sup>th</sup> of October City – Joint between C.C.C. and ORASCOM)  
**Job Description** : PERFORMING WELDING INSPECTION, DIMENSION CHECK, PAINTING INSPECTION AND PREPARING DOCUMENTATIONS FOR:

- Bristol Mayers Squibb (Owner), Project: structure building.
- NATCO (owner), Mercedes Benz (client), Project: structure building and stainless steel tanks.
- Sibline Lebanon (owner), C.C.C. (client), Project: preheater tower.

- Suez Cement Factory (owner), Krupp Polysius (client), Project: Preheater, ducts, cyclones, fans, piping.
- Egyptian Cement Factory (owner), ORASCOM (client), Project: Preheater, ducts, cyclones, fans, piping.

**Dates** : From May 1995 till Oct. 1996  
**Employer** : EGYPTIAN COPPER Co. - ALEXANDRIA  
**Job title** : PRODUCTION ENGINEER FOR STEEL, CAST IORN AND COPPER MAKING

**Field of experience** :

- Fabrication of subsea structures, Manifolds, PLET, Jumpers, Spools, SDA, TSB, Suction Piles.
- Offshore Construction, Flow lines and Risers, Jackets and Platform fabrication and installation.
- Subsea Spools installation, Free Span Correction and Demolition.
- Vessels and Piping, Above ground storage tanks, Structural Steelwork, Power Generation, Boilers, Turbines.
- Conversant with the following Codes/Specifications: AWS D1.1, API 1104, API RP2A/B/X, API 5L, BSEN 287, BSEN 288, ASME IX, ASME V, ASME VIII, B31.3, B31.8, DNV-OS-F101.
- Experience as Senior QC Supervisor / QCC / QC Supervisor:
  - Ensure the correct application of the Project Quality Plan in site activities.
  - Ensure the supervision/coordination of the quality control activities.
  - Ensure the implementation of the Quality Control Plans of a project or its parts Tasks.
  - Assess, approve, allocate and coordinate Quality Control personnel of the organizations in charge of works for the project part assigned.
  - Review Quality Control Plans within remit, ensure that the tests, controls and inspections are carried out according to Quality Control Plans/Inspection Test Plans and that personnel have access to all required project documentation.
  - Check work procedures, including those relating to special processes.
  - Ensure that material and equipment are correctly received, stored, preserved and handled.
  - Ensure that materials are correctly identified and traceable.
  - Ensure the implementation of the inspection, control and test notification process.
  - Check, insofar as within remit, the test packages provided for the final checks.
  - Ensure assessments and recordings of inspection, control and test results.
  - Check the documents certifying the tests, controls and inspections carried out and ensure their orderly collection and management.
  - Check procedures and equipment to be used in tests, controls and inspections and agrees on the applicable operating procedures with the organization in charge of the works.
  - Support the systematic collection of lessons learned on the individual site.

- Ensure the availability of updated inspection, control and test reports, for the purpose of approvals of mechanically completed plant systems.
- Verify that the tests, controls and inspections are carried out by the contractors, check conformity with the Site Quality Control Plan and obtain the relevant documentation, including that required by European Directives (where applicable).
- Ensure the preparation of the QA/QC discipline dossier for final handover to the Client, verify the correct implementation and application of the database/spread sheet for Quality inspection and test report tracking and registration.
- Provide specialist support to the Quality Control Manager in relations with the Client and the responsible Authorities and report problems that cannot be directly resolved.
- Ensure the correct application and, whenever necessary, the update of site Quality Control Plans/procedures.
- Make site personnel aware of and trainee them on quality topics.
- Liaise with Client for any project related with QC issue.
- Ensure proper Non Conformity detection and recording, as well as relevant corrective actions implementation.
- Report to the Vessel Quality Coordinator/Quality Control Manager.
- Experience as Senior QC Inspector/Engineer:
  - Developed and prepared quality related documents and procedures and ensured they were implemented and properly maintained in accordance with project requirements.
  - Maintained the Document control and record-keeping functions.
  - Review of WPS, WPQR and Procedures.
  - Ensured that revisions of QA/QC documents and procedures were up to date, distributed and on file.
  - Reviewed inspection reports, and provided final acceptance sign-off of all reports attesting to project compliance and the completeness of the project.
  - Carried out audits ensure compliance to project, customer specifications, procedures and ISO 9001.
  - Verified adherence with QA/QC Procedures, contract requirements and ITP by surveillance and audit.
  - Identified items of nonconformance, determined relevant corrective actions and monitored until final close out.
  - Provided supervision, training and instruction, to quality personnel.
  - Directed NDT operations and ensured fulfillment of contractual requirements.
  - Controlled all measuring and testing equipment and calibration schedule.
  - Identified and documented FAT operations in accordance with ITP requirements.
  - Managed welder qualification program and follow-ups including analysis of performance data.
  - Compiled Final "as built" dossiers and fabrication data books.
- Experience as QC/Welding Inspector:
  - Welder qualifications, procedural tests and compiling WPQR documentation.
  - Pre- and post weld visual inspection and NDT.
  - Interpretation of radiographs to various codes.

- Ensured compliance of materials, personnel and equipment to the contract requirements.
- Ensuring compliance to project specifications, codes, ITP and WPS by surveillance and audit.
- Carried out all aspects of material management plans.
- Dimensional controls.
- Witness of FAT operations (Hydrotest, Hardness, Dimensional, Weighing/COG, Lift Test etc.).
- Review of PWHT charts and good understanding of equipment and code requirements.
- Understanding of Paint and Coating systems, their application and inspection.
- POSITIONS HELD:
  - Vessel QC Supervisor.
  - Vessel Quality Coordinator.
  - Quality Manager.
  - Quality Engineer.
  - Welding inspector.
- PROJECT EXPERIENCE:
  - Oil and Gas construction / installation (onshore & offshore).
  - Petrochemical plant.
  - Power Stations.
  - Fabrication Yards.
  - Shipyards.
  - Offshore Pipeline lay barges.
  - Platforms.
  - Fabrication workshops.