

Holds a Bachelor of Quality Control and Testing & Quality Control Engineering Specialization Certificate. Has over 25 years' experience involved in EPC and Turnkey, contracting and construction projects. Assigned in EPC, TPI, PMC contracts as QA, QC, Inspection, Welding, NDT, Material Coordination, EPC Procurement QA/QC Supervision, Quality Coordination, Expediting, and Quality Assurance/Quality Control Management, worked to cover the activities of the Mechanical, Civil, Electrical Installation and erection.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 28/04/1978  
Gender : Male  
Marital Status : Married

## EDUCATION

- : Bachelor of Quality Control, Academy of Specialized Studies, Alexandria Workers University, Division of Technological Development, 2002
- : TQLC - Testing & Quality Control Engineering Specialization Certificate, The Continuing Education & Certification Engineering Program in the AUC (American University in Cairo), 2003
- : Under the Egyptian Community Development Association & International British Academy – Bachelor Degree in Quality Management, Accredited by Alexandria University (2015)
- : Technical Industries High National Diploma, 1998 (5 years education)

## LANGUAGES

Arabic : Native Language  
English : Fluent

## COMPUTER SKILLS

- : Windows, MS Office, Internet
- : Fox Pro D. Base

## TRAINING COURSES AND CERTIFICATIONS

- : ASNT LEVEL II (R.T.F.I - P.T. - M.T.) under the Recommended practice ASNT-SNT-TC-1A and the written practice of the EWA - Egyptian Welding Academy. Certified since 1999 till present according to ASNT appropriate renewal schedule.
- : Previous Certified from American Welding Society (AWS) – CAWI Certificate – Since 2000 – 2004.

- : TWI-CSWIP 3.1 - Welding Inspector (TWI Cambridge, UK) – Since 2005 till Aug. 2015. TWI-CSWIP Certificate No.: 21432.
- : TWI-SCSWIP 3.2.1 – Senior Welding Inspector (TWI Cambridge, UK) – from Jul. 2015 till 10th Dec. 2019, Certificate and TWI License No.: 99401.
- : TWI Registered Welding Inspector – A United Kingdom Registry 2010. TWI-CSWIP Registered Certificate No.: R/48527 - Registry, Membership & Stamp Number: 557854.
- : QMS-Lead Quality Auditor Certificate - BVQI-IRCA Certification (ISO 9000:2000 Series). BVQI-IRCA Certificate No.: LA2/06/EG/12319.
- : QMS-IRCA CQI – Lead Auditor Certification – ISO 9001:2015: Cert. No.:85822746/160264385 – CQI / IRCA No.: 438250.
- : Certificate of Lean Management Simplilearn, Certificate No.: 3490603.
- : Certificate of Quality Management for Operational Excellence - LinkedIn LEARNING Program - Registered PMI - Project Management Institute Certification ID #4101FXVYRH.
- : Certified Lean Six Sigma Green Belt (Accredited IASSC Course) Simplilearn Cert No.: 3538629 (Project & Exam Passed).
- : Certificate of Six Sigma Green Belt - LinkedIn LEARNING Program - Registered PMI - Project Management Institute Certification ID #4101AJTRSU.
- : ARAMCO Vendor Inspection Division - VID New SAP Approval No.: 80015224:
  - QM30 - Pressure Vessel Fabrication and Inspection.
  - QM03 - General Mechanical Inspection.
  - QM015 - Steel Structural Inspection.
  - QM07 - Valve Inspection.
  - QM08 - Coded Fittings Inspection.
- : Edif / NDE Germany (Rina Germany) - Certified and Approved (Representative of Aramco Overseas Netherlands AOC):
  - General Mechanical.
  - NDE.
  - Pressure Equipment.
  - Welding.
- : Edif / NDE Germany (Rina Germany) – Certification of the NDE Development Program for:
  - Pressure Equipment.
  - Valves.
  - Fittings.
- : Certificate of Supervisor HSE Responsibilities and Leadership.
- : Achievement certificate of 16 Million man hours without LTI (Lost Time Injury).
- : Award PDO - STOP (Safety Training Observation Program), and safe supervising program.
- : Award PDO/SRDC project Enhanced Safety Supervision and Workmanship training.
- : Award PDO/SRDC project appreciation certificate of performance.
- : TWI-CSWIP Certificate of Professional Registration as Registered Welding Inspector.
- : SPE International (Society of Petrol. Eng.) / EC Alexandria University - Faculty of Engineering, Introduction to Off-shore Engineering.
- : GE US/Trans Global Energy Lock Out Tag Out (LOTO) Training Certificate.

- : Attendance Certificate Introduction to Asset Management according to ISO 55000 – LEORON Professional Development Institute UAE.
- : Attendance Maintenance, Reliability and Asset Management All in One Brief Course – RES Global Reliable Engineering Service.
- : Canadian Welding Board Certificate of completion Basic Inspection Methods.
- : Canadian Welding Board Certificate of completion Welding Health, and Safety.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Dec. 2022 till now  
**Employer** : Indonesia Power (IP) Proj. Owner / Engie – Tractebel Engineering Indonesia (TEI) – PMC Contract  
**Project** : Tambak Lorok Block III Project – Net Dependable Capacity 600-850MW Combined Cycle Power Plant, Semarang – Indonesia  
**Job title** : PMC QA/QC Manager

**Dates** : From 2020 till Nov. 2022  
**Employer** : Baker Hughes (EPC Contract Company)  
**Project** : DBN – De-Bottle Necking Optimization & Upgrade Turnaround Project – Oman LNG Upgrading Project (Total 3 LNG Trains), Sur – Oman  
**Job title** : EPC Snr. QA/QC Team Leader Engineer - Deputy Quality Manager

**Dates** : Jun. 2020  
**Employer** : TÜV Rheinland Egypt Ltd. – Prime 4 Inspection UAE – Global Inspection Services Spain  
**Job title** : Sr. Vendor Inspection & Expediting Engineer  
**Job Description** :

- Seconded by: TÜV Rheinland Egypt Ltd.:
  - Client Representative for HEC - Hyundai Engineering Co. Vietnam.
  - Project: LSP Complex Project Package G.
  - Assignment: Manufacturing of 1 Boiler Module main steel structure and exhaust ducts.
- Seconded by: GIS – Global Inspection Services Spain:
  - Client Representative for SAIPEM / Saudi Aramco.
  - Project: Berri - Abu Ali Crude & KGP Gas Facilities Expansion Project.
  - Assignment: Manufacturing of 3 Hot Oil-Fired Heaters.
- Seconded by: Prime 4 Inspection UAE:
  - Client Representative for HEC - Hyundai Engineering Co.
  - Project: EGAT Polimery Police PDH/PP Project – Polska Owned to Polish Grupa Azoty.
  - Assignment: Manufacturing of 2 Hot Oil-Fired Heaters.

**Dates** : From Jan. 2020 till Apr. 2020 (Laid Off due to the Pandemic Corona Virus – company operations been on hold)  
**Employer** : Petro Serv HUB Petroleum Services (Construction and Clients Consultation Service – NORM Cleaning and Decontamination, Decommissioning for Petrochemical and Oil & Gas Plants)  
**Project** : Egypt

- Job title** : QA/QC Manager
- Job Description** :
- Set, establish and develop Company QMS, Procedures, guidelines and quality Polices.
  - Establish and develop company quality system on the running projects.
  - Review and approve quality manuals, procedures, and ITPs for company subcontractors in each project.
  - Attend line management, monthly and weekly meetings.
  - Perform periodic performance evaluation on the Quality Department personnel and staff under my management, to report to company GM.
- Dates** : From Sep. 2018 till 2019
- Employer** : NASS Industrial Services / Nass Mechanical / Abdulla Nass Sons
- Project** : Bahrain - Petrochemical, Oil and Gas, Water Treatment and Storage Tanks Projects owned to: Bapco Modernization Project: EPC project contract owned to TTS Joint Venture (Technip-TR Spain – Samsung Engineering), EWA-Electric Water Association, ALBA - Bechtel Pot Line 6 Aluminum Bahrain Co.
- Job title** : Group QA/QC Manager and Company Management Representative (MR Rep.)
- Job Description** :
- Set, Develop, and ensure implementation of the Company QMS/IMS (9001, 14001, 45001) and quality polices.
  - Establish and develop different company projects quality plans as per each job and project order contract requirements and specifications.
  - Review and evaluate each job order quotation and bidding quality requirements, against each project budget with PM Team.
  - Establish, Set, and monitor the development of internal company procedures and guidelines.
  - Manage and assist in company external surveillance certification audits from external certification body provider (BV).
  - Review and approve quality manuals, procedures, and ITPs for company subcontractors in each project.
  - Acting as company Management Representative for all internal management issues, and assist in evaluation of company divisions management objectives.
  - Review and evaluate company departments risk and opportunities report sheets for each quoted project before bidding stage.
  - Assist and evaluate company division's internal, and client external quality audits findings reports, and evaluate the company department's quality performance, to achieve assigned objectives for each department.
  - Setting and approve with company GM as management representative the company different departments personnel, and staff training, and certification programs.
  - Preparing the weekly and monthly quality management report and statistics and highlighting deficiencies (NCRs, and Quality Observations) to evaluation company quality KPI's and reporting to company GM, and corporate company management.
  - Approve and compare quality provisions with assigned budgets for each awarded project.
  - Manage, and perform site visits to monitor, and evaluate company awarded projects quality activities and to ensure projects quality requirements are met and implemented.

- Coordinate and communicate with company service suppliers (NDE and Third Party Companies) to achieve company projects targets and quality objectives, and requirements.
- Perform assessments, review and approve company raw material suppliers, and instruments calibration labs facilities and premises, to assure implementation of their quality systems before adding and updating company approved suppliers list, as well performing periodic quality external audits, to evaluate their quality performance to the company and customers quality requirements.
- Supervise, and monitor Quality Control functions/activities per each awarded project include quality control inspection schedules, and plans.
- Monitor collection of Quality Records, FAT, SAT certificates, and completion of each project Manufacturer Data Book, projects final dossiers, to achieve approval of company customers and clients on final project handover quality conformance certificates.
- Evaluate and monitor company customers feedback and observations to ensure continues improvement of the company quality system.
- Attend as Management Representative company weekly, and monthly management, and steering meetings with company GM, Corporate and Project Management Teams.
- Individuals under my Quality Department Management; 5 Quality Control Engineers, 3 Quality Assurance Engineers, 1 Welding Engineer, 15 QA/QC Welding and NDE Inspectors, 3 Painting Inspectors, 3 QA/QC Document Controllers, 1 NDE Coordinator, 1 Quality Assurance Coordinator - (Total 32 Individuals).

**Dates** : From May 2016 till Apr. 2018

**Employer** : [EGYPTROL](#), GE Energy Subcontractor

**Project** : Combined Cycle Power Plant 750MW Total / Installation & Consultancy Services of Four (4 Units x 125MW) GE Steam Turbines Alstom Advanced Frame D202 & (Doosan) HRSG to upgrade West Damietta Simple Cycle Power Plant GE Combustion Gas Turbines

**Job title** : GE Project QA/QC Manager

**Job Description** :

- Managing all QAQC inspection, testing, stages during construction and installation till Pre-Commissioning, Commissioning, and start-up includes Civil and Mechanical phase installation activities.
- Managing, approving Turn Over Package (TOP), and Mechanical completion certificates, Comm. Completion certificate (Commissioning Book, MCC, CCC, TOC) as per contract requirements.
- Supervising Subcontractor/Installer company QAQC Manager, and 12 QC engineers, and 4 inspectors.

**Dates** : From Mar. 2014 till Apr. 2016

**Employer** : Dietsmann, Monaco – MMA Contract (Maintenance Management Assistance Contract)

**Project** : ENI – Melitah Complex – Wafa Oil & Gas Plant, Libya – Wafa West Desert

**Job title** : QC Inspection Manager / Coordinator (Assistant to ENI Owner Co.) (In service maintenance)

**Dates** : From 2013 till Feb. 2014  
**Employer** : [EGYPTROL](#), GE Energy Subcontractor  
**Project** : Combined Cycle Power Plant 750MW / US \$ 300 Million Value - Installation & Technical Service of 2 GE Gas Turbines Frame 9FA Dual Fuel Technology (Natural Gas & Light Diesel Oil), Benha, Egypt  
**Job title** : Project QA/QC Manager  
**Job Description** : Manage Project execution and Turnover of all the final dossier and project contract documents completion (Turn Over Packages / Construction Completion Certificate package / Turn Over Acceptance Certificate package) to the Egyptian ministry of electrical power MDEPC (Middle Delta Electricity Production Co) / PGESCo after Mechanical, Electrical, Instrumentation and Control completion, pre-commissioning, commissioning up to turbine first fire and start-up, based on Simple Cycle, and combined cycle operation stage includes Heat Recovery Steam Turbine (GT1A/GT1B), (Performance Test Code ASME PTC).

**Dates** : 2012  
**Employer** : Dietsmann, Monaco – MMA Contract (Maintenance Management Assistance Contract)  
**Project** : ENI – Melitah Complex – Wafa Oil & Gas Plant, Libya – Wafa West Desert  
**Job title** : Owner Representative Inspection Engineer / Coordinator (In service Static Maintenance Dept.)

**Dates** : In 2012 (Aside assignment)  
**Employer** : SCS-Global Energy – UK/KCAD UK and Germany  
**Job title** : KCAD Libya/UK QC Inspection Engineer Owner Representative, Refurbishing and Recertification of BOP  
**Job Description** :

- Attend and certify at rectifier company (Valve & Tools Egypt) premises location final pressure, Drifting, and load test of KCAD Libya/UK BOP (Blow Out Preventers) Manufactured by Shaffer / Cameron / Hydrill USA.
- Review and Approve rectification and Rework Data Book before shipment to Libya Rigs Locations.
- My main duties: representation of KCAD UK/Germany during testing their BOPs before shipping to Rigs site location in Libya.
- My direct contacts through SCS Global/KCAD UK and Germany.

**Dates** : 2011  
**Employer** : CPS - Constructor Project Services – Egyptian Company  
**Project** : LR - Lloyd Register – Egypt / TCI - San Mar Petrochemical Project, Port Said, Egypt  
**Job title** : QC Inspection Engineer / QC Coordinator

**Dates** : From Dec. 2007 till 2010  
**Employer** : TR Oman – Initec (Técnicas Reunidas) Group – Spain (EPC & Turnkey contractor)  
**Project** : Seih Rawl Depletion Compression Plant (Seih Rawl – Oman)  
**Job title** : QA/QC Inspection Engineer / QC Coordinator (Approved by PDO)



**Dates** : From Feb. 2007 till Sep. 2007  
**Employer** : Saudi Aramco / Velosi – Kuwait  
**Project** : Expansion of Hout crude on-shore production facilities - Joint venture between Aramco Gulf Operations and Kuwait Gulf Oil Company, Petrojet - Eastern Fabrication yard, Suez Canal region, Egypt  
**Job title** : VID (Vendor Inspection Division) QA/QC Mechanical Inspection Eng. (Aramco Representative)  
**Job Description** :
 

- Working as Aramco QA/QC mechanical representative during the fabrication of Pressure Vessels, API tanks & related piping done by Petrojet Egyptian Co. (Project Vendor and Fabricator). Expediting of the prepared mechanical rolled, and fabricated material before dispatch to job site in Al-Khafji Saudi Arabia for installation. Act as QA/ QC coordinator between ENPPI (main contractor and key turn company) and the project vendors and suppliers. Receiving and approving that piping, plates & fittings material meet and conforming the required specification and applicable code, perform all QC duties and responsibilities as mentioned in above skills as Aramco Owner Representative.
- Aside Assignment for Velosi Egypt / Australia Branch: Assignment from Velosi / Australia branch for EPCM-GRD Minproc/Australian company, the assignment based on expediting the project from the first quotation stages of the P.O., assignment based on weekly basis to Zamil Steel Egypt as vendor, manufacturer, and supplier for Tenke Fungurume Project (South Africa).

**Dates** : From Jun. 2006 till Jan. 2007  
**Employer** : Moody International Ltd. KSA  
**Job title** : Vendor / Third Party Mechanical Inspection - Expediting Engineer  
**Job Description** :
 

- Responsible for all the third party inspection/ client representative activities during pressure vessels fabrication, API tanks and related piping installation as per the design specification of Aramco–Sabic–Yansab and ASME VIII Division I.
- Carrying out Client vendor inspection on fabricated horizontal & vertical pressure vessels, towers, and columns representing Fluor Daniel, Fosterwheeler, and Snamprogetti as Project EPC organizations and static equipment owners.
- Attend pre-inspection/ pre-fabrication meetings as Lead Inspector & client representative (represent Technicas Reunias Spain/Petrorabigh, Sabic, Sharq, Yansab, Aramco), putting meeting agenda and meeting discussion points followed by approval from Client meetings parties prior to any project assignment starting.
- Witnessing and approving the valve inspection and testing in supplier testing yards before final installation and erection.
- Act as client representative to receive, Inspect & approving piping, plate & fittings material as per client P.O specification, applicable standard & codes.
- Attend witness inspection, perform & approve Valves Inspection and Testing at vendors manufacturer premises as 3rd party agent between vendors and Saudi Aramco, Snamprogetti according to following (Aramco STD 04-SAMSS-048, API598/600, MSS-SP-055, ASME B16.34, B16.5, B16.10).
- Identify and mark in Pre-Inspection Meetings attendance inspection and

tests points in the vendors ITP's as required in accordance to the criticality level of inspection and specification requirements (Hold, Witness, Surveillance, Review of documents) on behalf of Aramco, Sabic, Yansab and / or client main contractors (Fluor, Foster wheeler, Snamprogetti).

- Work as Expediting Engineer representing Fluor Daniel USA for Jubail United Petro Chemical project expediting fabrication drawings and inspected GRE fittings and pipes at Jubail-KSA.
- Carrying out the 3rd party in-progress steel structure inspection during fabrication, welding, painting and galvanizing representing Tecnicas Reunidas Spain for PETRORabigh – ARAMCO KSA.
- Review Contractor's QC plans and procedures to verify comply with Contractor's Contract requirements.
- Arrange and manage QC Activities at supplier sites/fabrication yards and overseeing supplier QC activities as client representative.
- Review contractor's QA/QC Organization QMS Last ISO 9000:2000 Audits to verify adequacy and effectiveness of the vendor/fabricator QMS & address all quality issues to ensure meeting the requirements of QMS-ISO 9000 includes last external audit findings and improvement performed by the accreditation body / or ISO certification provider during the pre-fabrication/Inspection meeting.
- Review Contractor's Purchase Orders to verify if the Contractual QA/QC requirements covered and maintained in Purchase Order includes; engineering drawings, client standard drawings, specification, and contractual limitations on fabrication drawings before, during the prefabrication and before starting the fabrication activities.
- Review and approve Contractor's handover QA/QC Documentation / Dossiers after fabrication, mechanical completion, and approve release notes, dispatch certificates issued by the supplier to the client merchandise before final dispatching and shipping.
- Approve supplier inspector's qualified resume before starting mechanical work related to each purchase order and insure supplier inspectors are following client requirements, specification.
- Assigned Projects as Client Representative:
  - Khursaniyah producing facilities for Snamprogetti as main contractor (representing Snamprogetti for Aramco) (Heat Exchangers/HIC Pressure Vessels Fabrication).
  - Sharq Project (Sabic Eastern Petrochemical Co.) 3rd expansion project for Foster wheeler as main contractor (representing Sharq / Sabic) (Heat Exchangers/Pressure Vessels Fabrication Vertical Columns Fabrication).
  - Yansab petrochemical complex project for Fluor Daniel UK (representing Fluor Daniel / Yansab) (Pressure Vessels Fabrication).
  - Tecnicas Reunidas Spain as main contractor (PETRO Rabigh Project – Aramco KSA) representing TR-Spain (Steel Structure Fabrication, Galvanization and Coating).

**Dates** : From Jan. 2006 till Apr. 2006  
**Employer** : Saipem Offshore SpA - Subsidiary of Eni group (Italy)



- Project** : GUPCO (Gulf of Suez Petroleum Company) / BP British Petroleum (Share Holder), Red Sea - ALSHOKIR region, Egypt. 20 Inch X52 API Material S-Pipe laying Project (CRAWLER Derrick/Pipe lay Barge)
- Job title** : QC Welding Inspector Engineer
- Dates** : From Jul. 2005 till Nov. 2005
- Employer** : UHDE – GmbH-Germany (Main Contractor and EPC work-Turnkey Project)
- Project** : Egyptian Helwan Fertilizer Company (HFC) - Ammonia & Urea fertilizer Plant complex, Helwan (South Cairo) - Egypt
- Job title** : QA/QC Welding Inspector
- Dates** : From 2003 till 2005
- Employer** : Technip - Italy spa for Takreer Abu Dhabi (EPC work and turn key project)
- Project** : Takreer Abu Dhabi UAE – Parsons UAE (Owner Representative) – Moody Int'l (Project TPI), Ruwais Abu Dhabi, UAE - ULG/LSGO (Un Leaded Gas / Low Sulphur Gas Oil) Project
- Job title** : QA/QC Tank/Piping Welding Inspector
- Job Description** :
- Follow up & assure performing welding, NDT, quality control activities as per ITP/QC plans and specification of Takreer for all subcontractors includes; CB&I Installing 29 Floating & fixed roof tanks 34 meters height with different Dia's - 3 sphere tanks 96 Feet Dia according to ASME VIII division I, API 650-620-520. Following up QC Supervision of piping installation subcontractors; (Lahoud) Engineering Co., (Alec) Engineering & Construction Co. for piping works at process & utility and Jetty areas and process units according to ASME B31.3 for process piping normal fluid service. Witness and approve Inspection of tank shell plate sheets by NDT & check the dimension (peaking & banding, plumpness & roundness) and witness vacuum / leak testing to nozzles, manholes, tank bottom plates according to API 650-Welded Steel Tanks for Oil Storage / 620-Design and Construction of Large, Welded, Low-Pressure Storage Tanks. Witness inspection and supervision of the fabrication sequence to floating, cone and fixed roof tanks, sphere tanks, hand over inspections and commissioning operations using project specification, ASME VIII Division I, API 650 (Welded Steel Oil Storage Tanks) / API 620 (Design & Construction of Large Welded Low-Pressure Storage Tanks) during construction and installation. Check, review piping material Heat No., Mark No & material certificates, material requisition, purchase order before issuing to subcontractor's project installation raw material (Piping, fittings, threaded, valves, Instruments, fixed equipments) and ensure received material meets project design specification & full traceability contractual requirement. Review the radiographs of the subcontractor for final judge & grading to ensure and confirm the welding performance quality requirements and soundness. Approve & witness new fabricated TIE-IN s welding inspection NDT control activities to meet the client specification during the plant shutdown (300 Interconnections Tie In/s between New construction Project Flange limits and existing plant future flange connections). Witness all NDT, PMI testing activities & visual inspection during fabrication and piping installation sequence.
  - Enter, check, monitor all relevant information and data of the entire project inspection, material release, MDR, all fabrication sequences in

the company data base electronic system using a Company Management computer data base application includes (Contract Inspection Services data base – Material Procurement Management).

**Dates** : From Aug. 2002 till Dec. 2002  
**Employer** : CTU Lead-Etterkib (Companies Temporary Union) (Syrian & Algerian Companies)  
**Project** : Sonatrach, Algeria - ABB. lummus global / Petrofac (EPC Main contractors), Ohanet Development Gas Plant – Ohanet, Algeria  
**Job title** : QA/QC Inspection Engineer  
**Job Description** :

- Assure & ensuring proper follow up of QA/QC Inspection Activities as per ITP's and project specification of (ISBL) "Inside Battery Limit" inside gas plant & (OSBL) outside battery limit "well heads pipelines" during construction.
- Perform (PMI) Positive Material Identification test to (OSBL) well heads duplex pipe lines.
- Preparing equipment fixed & rotating hand over test package and installed steel structure.
- Review and approve hydro test package before submitting to client and before testing.
- Carry out welding inspection process according to piping ITP and code specification.
- Ensure proper carry out of inspection during fabrication of gas plant "Launcher and Receiver" between well heads and gas plant.
- Supervising sealing, cladding of hot and cold insulation of fixed equipment towers, vertical pressure vessels.

**Dates** : From Sep. 2001 till Jul. 2002 (job beside studying)  
**Employer** : Techint CIMI Montubi SpA - Italian Company  
**Project** : 3EC Egyptian Engineering Company/EDF France (Owner) - Foster Wheeler-UK (EPC Contractor), Port Said, Egypt - Gas – Fuel Fired Combined Cycle Power Plant (2x341MW UNITS)  
**Job title** : QA/QC Engineer  
**Job Description** :

- Responsible of welding inspection & follow up fit up of 2 boilers units to ensure proper applicable welding process, welding consumable electrodes met project specification, fabrication ASME Codes and used approved procedures.
- Ensure correct pre-heating, post weld heat treatment Approved procedures used.
- Checking steel structure foundation orientation and correct steel members installation.
- Assure correct welding maps as per last revised isometric drawing.
- Perform welding inspection as per approved WPS and ASME B31.1 for S.S, CS and Alloy Steel material P9, 11, 22, 91 pipe headers (heaters, super heater, re-heater, economizer tube bundles) for power boilers fabrication, welding & installation.
- Review and check daily welding inspection report. Witness welder's qualification as per ASME IX to cover the project approved WPS.
- Review and interpret the radiographic films as per ASME B31.1 acceptance criteria and control welding repair status. Witness magnetic particles inspection to the baffle wall and the buck stay steam boilers.

- Witness dye penetrant inspection on fabricated and modified steel structure members and piping supports.
- Ensure proper calibration and verify temperature of the backing ovens, and portable heaters of preheated consumable electrodes used during welding.
- Draw and make as built isometric hand drafting to small bore connected to the steam drum & headers, large bore & the spray water piping, putting the welding map on the new as built isometric drawings.
- Witness steam boilers hydro test for unit I and II, and steam pressure parts as per ASME B31.1 pressure parts limitations. The steam boilers were under (300 bars).

**Dates** : Aug. 2001 (job beside studying)  
**Employer** : Castolin Eutectic UK- Assignment of repair crack 48mm of cyclone furnace ring, weigh 3 Tons  
**Project** : Blue Circle Cement Co. / Alexandria, Portland Cement Co. (APCC), Alexandria, Egypt, Elmax region  
**Job title** : Welding & NDT Inspector

**Dates** : From Dec. 2000 till Jul. 2001 (job beside studying)  
**Employer** : FINCIMIC Italian Co. / Foster Wheeler France (EPC Contractor)  
**Project** : AMOC (Alexandria Mineral Oil Company), Alexandria, Egypt - Expansion Lube Oil Plant  
**Job title** : QA/QC Inspection, Testing, Welding & NDT Inspector

**Dates** : From Mar. 2000 till Nov. 2000 (job beside studying)  
**Employer** : Ferrometalco, Egypt - Foster Wheeler France (EPC Contractor)  
**Project** : AMOC (Alexandria Mineral Oil Company), Alexandria, Egypt - Expansion Lube Oil Plant (70 Tanks Project)  
**Job title** : Welding & NDT Inspector

**Dates** : From Nov. 1999 till Mar. 2000 (job beside studying)  
**Employer** : Daelim Industrial Construction Korean Co. / TECHNIP – TTIL-SNC (EPC Contractor)  
**Project** : Middle East Oil Refinery (MIDOR), Alexandria, Egypt - MIDOR Oil Refinery Plant  
**Job title** : NDT & Welding Inspector

**Dates** : From Apr. 1998 till Sep. 1999 (job beside studying)  
**Employer** : Ferrometalco DSD Egypt German Co. (EPCI Company)  
**Project** : ANSDK (Alexandria National Iron & Steel Company) Flat Steel Plant, Alexandria, Egypt  
**Job title** : NDT & Welding Inspector

**Field of experience** : • Projects Experience: Involved in the construction, fabrication, welding & installation of piping and pipeline systems, wellhead flow / trunk lines, steel structure, pressure vessels, storage tanks; Steel Plants, SCPP/CCPP, Gas Fired Steam Boilers Power Generation Plants,

Petroleum Oil Refinery, Petrochemical, Gas Plants, Storage and Spherical (Orbital) Tank Farms Fabrication, and Installation - In-service maintenance of Oil & Gas production plants Static Equipment, and LNG Plants Upgrades & Turnarounds.

- Worked in EPC and Turn Key Projects for:
  - Ferrometalco / DSD German Co.
  - Cimi Montubi Spa Italy.
  - ENPPI – Egyptian Petroleum Engineering Co.
  - Foster Wheeler France, UK.
  - Technip Italy SpA.
  - Dietsmann – Monaco.
  - Baker Hughes Oil & Gas Optimization and Upgrade Division.
  - GE - Power and Water – USA.
  - ABB Lummus Global.
  - Petrofac.
  - Castolin Eutectic UK.
  - ENI Snamprogetti.
  - Fluor Daniel UK.
  - Tecnicas Reunidas Spain.
  - ENI Saipem.
- Worked in Accreditation Bodies Organizations as Third Party Inspection (TPI) & Client Representative as:
  - Moody International KSA.
  - Veloci - Egypt, Kuwait and Australia.
  - SCS-Global Energy – UK.
  - Edif/NDE Germany (Representative of Aramco Overseas Netherlands).
  - TÜV Rheinland Egypt.
  - GIS – Global Inspection Services – Spain.
  - Prime 4 Inspection Services – UAE.
- Worked in the Construction & Installation of Multinational Mega Projects Owned to:
  - ANSDK (Alexandria National Iron & Steel Company), Alex - Egypt.
  - Middle East Oil Refinery (Midor Egypt).
  - AMOC (Alexandria Mineral Oil Company), Alex - Egypt.
  - KJO (Alkhafji Joint Operation) KSA/Kuwait.
  - GUPCO/BP Red Sea-Alshokir, Egypt.
  - 3EC/EDF Port Said, Egypt.
  - PDO/Shell (Petroleum Development of Oman).
  - Oman LNG – OLNG Sur – Oman Upgrade Project.
  - PGESCO. (Power Generation Engineering Services Company) Egypt.
  - Sonatrach Algeria.
  - ADNOC/Takreer Abu Dhabi - UAE.
  - PETRO Rabigh KSA.
  - Aramco KSA.
  - Yansab KSA.
  - Sharq/Sabic KSA.
  - ENI/Wafa Oil & Gas Libya.
  - Bapco – EWA – ALBA Bahrain.
  - MDEPC (Middle Delta Electricity Production Co.), Egypt.
- Work locations included: Egypt, Libya, Algeria, UAE, KSA, Oman, Bahrain, Indonesia.

- Gained Knowledge and Experience:
  - Working knowledge of Codes and Standards: knowledge of International Codes / Standards applicable to inspection, Material, Testing; (ASME IX, ASME B31.1, ASME B31.3, ASTM, AWS D1.1, ASTM, API 1104 for pipelines, API 620, API 650, Valve Testing API 598, 6D Pipeline valves, and Client/Owner Specifications (PDO/Shell D.E.P), Takreer/ADNOC, Sonatrach, Aramco).
  - Manage, lead and control the QAQC Department team includes civil, electrical, instrumentation, and mechanical disciplines QC engineers on the construction project.
  - Quality Assurance, Maintain Internal and External Audits, Corrective – Preventive Actions and Quality Control Management. (QMS/IMS 9000:2015, 9001, 14001, 45001). Quality Management System / Integrated Management System.
  - Utilize, evaluate quality system performance KPI's and appraisals, monitor and evaluate achievements, and improvements.
  - Lead and manage project site to comply with project Quality Management System, Specification and Contract requirements.
  - Establishing, Develop, and Approve QA / QC Plans, Inspection Test Plans, Procedures and Guidelines to support Project QMS.
  - Manage and delegate TPI (Third Party Inspection) services and direct and coordinate activities to support project quality and installation objectives as planned and scheduled (Project Base Line Schedule).
  - Manage and lead resolving of Non-Conformance Reports during project phase till commissioning and start-up.
  - Manage QAQC schedules and meetings with discipline line managers and ensure project managements involved and actions are taken.
  - Quality Assurance and Control Coordination.
  - Quality Assurance and Quality Control Inspection.
  - Material Procurement, Control, Coordination and Management.
  - Vendor Inspection, Expediting and Third-Party Inspection.
  - Material Inspection, Control and Traceability.
  - Welding Inspection, NDT / Destructive and Mechanical Test.
  - Storage Tank Installation, Inspection and Testing according to API STD (API 650-Welded Steel Tanks for Oil Storage / 620-Design and Construction of Large, Welded, Low-Pressure Storage Tanks).
  - Steel Structure Members Vendor Manufacturing, Testing and release for construction installation and inspection.
  - Instrumentation Validation and Calibration.
  - Piping, Fabrication, Fixed Equipment Quality Inspection, Installation, and Supervision.
  - Test-Package preparation, pneumatic, pressure and hydro-test, punch list clearance, re instatement, Pre-commissioning and commissioning, and TOP (Turn Over Package).
  - Refurbishing and Recertification of BOPs (Blow Out Preventers Hydrill – Shaffer – and Cameron) and Valves.
  - In service Inspection and Maintenance (ENI Oil & Gas West Desert Libya Oil & Gas Plant Live Operation) the implementation of periodic inspection of pressure vessels, storage tanks, well head flow & Pipelines (Raw Gas, Hydrocarbons, water injection, Inlet & Outlet Gas Headers, Plant Launchers & Receivers, Slug Catchers,

Separators, Well Heads Satellite Stations Inlet Oil & Gas  
underground pipe lines and Plant piping network systems).