

Holds a B. Sc. in Mechanical Power Engineering and has over 36 years of experience, including 33 years in the construction and inspection field of new constructions and fabrication of piping works (process & power), pressure vessels, oil storage tanks, ...etc.

## PERSONAL DATA

Nationality : Egyptian  
Gender : Male  
Marital Status : Married  
Residence : Mansoura

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 1986

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

: CSWIP 3.2.2 Senior Welding Inspector (Cert. # 109918/2) from T.W.I England (Valid to June 8, 2026).  
: (API-653) Tank Inspector Certification, Certificate # 35167 (Valid to May 31, 2018).  
: Radiographic testing (level II).  
: Magnetic Particles testing (level II).  
: Liquid Penetrant testing (level II).  
: Ultrasonic Testing (Level II).  
: H2S / BA Awareness.  
: Huet & Sea Survival.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Nov. 2022 till now  
**Employer** : Rina Consulting Company

**Project** : Belayim Field / Suez Gulf  
**Job title** : Inspection Engineer as TPI  
**Job Description** : Conducting (QC, Welding) inspection services for all repair work activities of platforms (offshore).

**Dates** : From Oct. 2019 till Oct. 2022  
**Employer** : Detection (Welding & NDT Inspection Services and Consulting Co.)  
**Job title** : Inspection Engineer as TPI  
**Job Description** : Conducting (QC, Welding) inspection services, including:

- Preparation of welding procedures WPS.
- Approval of welding procedures PQR.
- Monitoring PQR specimen testing performed in an accredited laboratory.
- Pre-qualification of welders' entrepreneurs.
- The final qualification of welders' sites.
- Effective control of welds made on site.
- The interpretation of radiographic films and signing off.
- Monitoring of welding and control.
- Checking and signing book and record welding and control related contractors.
- Verification and control of all technical documentation related to welding or NDT.
- Control and monitoring of thermal processing operations (Pre-Heating & PWHT).
- Witnessing hydro-test along with contractor inspector, ensuring all the requirements are met as per the approved procedures & specifications.

**Dates** : From Mar. 2018 till Sep. 2019  
**Employer** : TUV Rheinland / Egypt  
**Project** : Combined Cycle Heat and Power Plant Marzahn (Germany)  
**Job title** : Sr. (QC Welding) Engineer as Notified Body (NoBo)  
**Job Description** :

- Conducting (QC, Welding) inspection activities of prefabrication (Water & Steam – tube Boiler piping) According to PED 2014/68/EU regulations and European Standards that include: EN 10216-2 (Non-alloy and alloy steel tubes with specified elevated temp. properties and all related European standards.
- Reviewing the material certificates and conducting visual inspection on the incoming materials to ensure compliance with MTC & the project specifications (Material include: (P235GH / P265GH / 10Mo3 / 13CrMo 4-5 / 10CrMoVNb 9-1 / X10CrMoVNb 9-1) according to EN 10216-2).
- Reviewing all WPS's with related PQR's & all procedures.
- Check re-stamping of certified materials (3.2 certificates) before cutting by Hard stamping.
- Check fit-up, Visual inspection of welding and Dimension check.
- Witness Hardness test for alloy materials.
- Checking and signing off all Line Inspection Summary Lists (LISL) & all related reports (VT, RT, PT, WPS, WQT, MTC).
- Verification and control of all technical documentation related to welding or NDT.
- Control and monitoring of thermal processing operations (Pre-Heating &

- PWHT).
- Reviewing & check packing lists (Quantity & Marking) before releasing and shipment.
- Ensure that orders get to their table as quickly and accurately as possible.

**Dates** : From Aug. 2017 till Jan. 2018

**Employer** : Maire Tecnimont Group (through S.A International)

**Project** : Ammonia & Urea Fertilizer (Aswan / Upper Egypt)

**Job title** : Sr. (QC/Welding) Engineer as Tecnimont Rep.

**Job Description** : Conducting (QC, Welding) inspection activities of pressure vessels & tanks including:

- Reviewing the material certificates and conducting visual inspection on the incoming materials to ensure compliance with MTC & the project specifications.
- Controlling the welder's performance thru regular interpretation of RT films as per the applied codes & standards.
- Visual inspection of welding and Dimension check.
- Checking and signing book and record welding and control related contractors.
- Verification and control of all technical documentation related to welding or NDT.
- Control and monitoring of thermal processing operations (Pre-Heating & PWHT).
- RT Films interpretation for all related (Pressure Vessels & Tanks) joints.
- Reviewing of all Test Packages related to Pressure Vessels & Tanks.
- Witnessing hydro test along with contractor inspector, ensuring all the requirements are met as per the approved procedures & specifications.

**Dates** : From Oct. 2016 till Jul. 2017

**Employer** : SPIG S.p.a / Italy

**Project** : Steel Structure works & Steam Duct / Distributer for Assiut & West Damietta Power Plants

**Job title** : SPIG' Resident & Expediting Engineer

**Job Description** :

- Review of QC documentation and production documentation (Welding and Manufacturing reports, procedures, Certificates, etc.).
- Daily updating / control of status of planning.
- Weld spot inspection.
- Dimensional spot inspection.
- Coating spot inspection.
- Manage Client inspections.
- Daily short reporting (e-mail with highlights).
- Detailed weekly reporting with status of Production.
- Ensure that orders get to their table as quickly and accurately as possible.

**Dates** : From May 2016 till Sep. 2016

**Employer** : DNV GL / Egypt

- Project** : BP West Nile Delta Project (WND) – Maadia / Alexandria
- Job title** : Lead QC Engineer (Client Rep.)
- Job Description** : Conducting all inspection activities for support structures' fabricated & Taurus, Libra Manifolds of WND project according to ITP & BP specification as following:
- Witnessing all tests performed as per Onshore FAT operation (specification factory acceptance test) including Back seal test (Flushing, Pigging & Hydrostatic test) & Valve function test applying for 4"/24" PLET (pipeline end terminations) & 4", 8" Wet Parking Stands (WPS).
  - Witnessing Small Bore & Large Bore Flushing, Petro Jetting & Hydrostatic Test and Valve Bidirectional Seal Test for Taurus & Libra Manifolds.
  - RT Films reviewing & Witnessing UT & PWHT performed for 24" welding joints According to (ASME B31.3 & DNV-OS-101).
- Dates** : From Aug. 2015 till Apr. 2016
- Employer** : Detection (Welding & NDT Inspection Services and Consulting Comp.)
- Project** : DSD Ferrometalco / Rashpetco Petroleum Comp. / Petrojet (El Kattamia Central Workshop) / ARESCO "ASEC" Manufacturing & Industrial
- Job title** : Inspection Engineer as TPI
- Job Description** : Conducting (QC, Welding) inspection services, including:
- Preparation of welding procedures WPS.
  - Approval of welding procedures PQR.
  - Monitoring PQR specimen testing performed in an accredited laboratory.
  - Pre-qualification of welders' entrepreneurs Groupement Sonatrach / Agip.
  - The final qualification of welders' sites.
  - Effective control of welds made on site.
  - The interpretation of radiographic films and signing off.
  - Monitoring of welding and control.
  - Checking and signing book and record welding and control related contractors.
  - Verification and control of all technical documentation related to welding or NDT.
  - Control and monitoring of thermal processing operations (Pre-Heating & PWHT).
  - Reviewing of Test Packages & Punch Lists.
  - Witnessing hydro test along with contractor inspector, ensuring all the requirements are met as per the approved procedures & specifications.
- Dates** : From Feb. 2015 till Jul. 2015
- Employer** : DNV-GL, Doha – Qatar
- Project** : EPIC for NGL-3 AGRU 1 & 2 Amine Regenerators and Associated equipments revamp at Mesaieed
- Job title** : Sr. (QC Welding) Engineer as TPI
- Job Description** : Conducting (QC, Welding) inspection services, including:
- Reviewing the material certificates and conducting visual inspection on the incoming materials to ensure compliance with MTC & the project specifications.

- RT Films interpretation for all related piping joints.
- Reviewing of all Test Packages related to project piping spools.
- Witnessing hydro test along with contractor inspector, ensuring all the requirements are met as per the approved procedures & specifications.

**Dates** : From Oct. 2012 till Jan. 2015

**Employer** : DNV-GL, Doha – Qatar

**Project** : EPIC of 16" Jet Fuel Pipeline from QP Refinery to BSV-3 (36.0 km length)

**Job title** : Sr. (QA/QC) Engineer as TPI

**Job Description** : Conducting (QA/QC) inspection services, including:

- Reviewing the material certificates and witnessing the tests conducted on the incoming materials to ensure compliance with the project specifications.
- Assessing the contractor performance on the preservation and incoming inspections and updating the project management on timely basis.
- Following the RFI's raised by contractor, thus ensuring the activities are carried out as per the approved ITP.
- Witness welding procedure (PQR's) & Repair procedure qualification tests.
- Witness welder's performance qualification tests.
- Witness all relevant mechanical tests carried out at Exova, Doha, to ensure the requirements of the project specifications are met.
- Controlling the welder's performance thru regular interpretation of RT films as per the applied codes & standards.
- Reviewing of Test Packages & Punch Lists.
- Clearing the punch list items, ensuring the same has been cleared after site verification.
- Witnessing hydro test along with contractor inspector, ensuring all the requirements are met as per the approved procedures & specifications.

**Dates** : From Aug. 2011 till Sep. 2012

**Employer** : Germanischer Lloyd, Doha – Qatar

**Project** : Annular Plate Replacement- QAFAC Methanol/MTBE Storage Tank # 3102A, B, C, D at Mesaieed Industrial City

**Job title** : (API-653) Tank Inspector

**Job Description** : Conducting all inspection activities for Storage Tanks of (65.0 Mt. Dia. / 18.0 Mt. High URT W/IFR. at Mesaieed Indust. City, as following:

- The incoming Material Inspection & Reviewing the material certificates to ensure compliance with the project specifications.
- Reviewing ITP & NDT Procedures.
- Check Dimensions of Annular plates before cutting against Dwg, check fit-up before welding butt joints & visual inspection after welding.
- Check fit-up of existing bottom plates to annular plates & visual inspection after completed weld.
- Witness all NDT Exam. Including (PT, MT, Vacuum box test, Oil Penetrant Leak Test) and Reviewing RT Films.
- Verify all the documents to ensure that all welding & NDT works are completed, also all Reports & QC documents are reviewed & signed-off.

**Dates** : From Nov. 2010 till Jul. 2011  
**Employer** : Germanischer Lloyd, Doha – Qatar  
**Project** : Inspection Support Services at PS-2, PS-3, PS-4  
**Job title** : Plant Inspector (OEI) Offshore  
**Job Description** : The scope of work and inspection activities are including but not limited to the following inspection activities:

- Attending daily meeting to liaise with plant operations personnel to discuss and plan inspection activities at different plant locations.
- Responsibilities included cross checking all VT, UT, RT, MT, PT inspection results.
- Inspection of reactors, towers, drums, exchangers, coke drums, piping, welding and hydrostatic testing Report writing.
- Responsible for all QA/QC plant matters relating to release of materials authorized on site, welding procedures, welder qualifications and review of consumables controls.
- Responsible for the completion, accuracy and verification of all major test results and reports, liaising directly with the client representative.
- Completion of daily inspection progress summary reports, ensuring all inspection activities on inspected items are complete and reviewed prior to final report issue.
- Responsible for communicating and enforcing site safety procedures, daily toolbox meetings within inspection group.

**Dates** : From Nov. 2009 till Jul. 2011  
**Employer** : Germanischer Lloyd, Doha – Qatar  
**Project** : EPIC for Route Survey, Design construction, Installation & Hook up of oil flow Lines & Gas lift flow lines & PWI spurlines at Dukhan  
**Job title** : Sr. (QA/QC) Engineer as TPI  
**Job Description** : Conducting (QA/QC) inspection services, including:

- Reviewing the material certificates and the witnessing the tests conducted on the incoming materials to ensure compliance with the project specifications.
- Assessing the contractor performance on the preservation and incoming inspections and updating the project management on timely basis.
- Following the RFI's raised by contractors, thus ensuring the activities are carried out as per the approved ITP.
- Witness welding procedure & Repair procedure qualification tests.
- Witness welder's performance qualification tests.
- Witness all relevant mechanical tests carried out at Exova, Doha, to ensure the requirements of the project specifications are met.
- Controlling the welder's performance thru regular interpretation of RT films as per the applied codes & standards.
- Witness of UT & MPI for all annular plate joints of tanks bottom & piping joints in tanks area.
- Witnessing valves test along with contractor inspector, ensuring all the requirements are met as per the approved procedures & API-598.
- Reviewing of Test Packages (Flow Lines – Hook-Up) Loops & witnessing hydro tests.

**Dates** : From Oct. 2009 till Nov. 2009  
**Employer** : Germanischer Lloyd, Doha – Qatar  
**Project** : EDC-VCM (Oct.-Nov. 2009) Shutdown  
**Job title** : (API-570) Piping Inspector  
**Job Description** :

- Visual Inspection of internal surface condition for in-service piping after removing failed spools & make status assessment.
- Monitoring all (GRP, C.St., St. St.) piping modifications activities, including:
  - Reviewing the material certificates and the witnessing the tests conducted on the incoming materials to ensure compliance with the project specifications.
  - Monitoring the contractor's daily construction activities for the compliance of project specifications and approved procedures, reporting the short coming to the higher-ups for further actions.
  - Carry out visual inspection & dimensional check for welding joints.
  - Reviewing of Test Packages & Punch Lists & witness of hydrotest and Leak Test (Spark Test) for GRP piping Spools.

**Dates** : From Apr. 2009 till Oct. 2009  
**Employer** : Germanischer Lloyd, Doha – Qatar  
**Project** : Inspection of Surface Transmission Lines, Flow Lines & Well Heads in Dukhan Fields Location  
**Job title** : (API-570) Piping Inspector  
**Job Description** : Conducting all external inspection activities for Surface transmission lines (Dukhan-Messaied), flow Lines & well heads in Dukhan fields location, including:

- Condition of (painting, coating & insulation).
- Pipe supports & Anchor supports condition.
- Condition of (expansion loops, flanged joints, road crossing, rubbing pads between pipes and pipe supports, vehicle right of way & line identification).
- Monitoring all NDT exams (MPI, UT, LRUT (long range ultrasonic test)).
- Make Fitness of Purpose Reports which include (corrosion life assessment calculations, Evaluating of integrity threats & general recommendations).

**Dates** : From Nov. 2008 till Mar. 2009  
**Employer** : Germanischer Lloyd, Doha – Qatar  
**Project** : Warranty Shutdown  
**Job title** : Inspection Engineer  
**Job Description** : Conducting all external inspection activities for Static Equipments (exchangers, drums, columns, vessels & boilers), including:

- Condition of (small bore connections, earth connections, external nozzles, painting, insulation cladding, support structure, casing).
- Shell/channel head condition.
- Condition of (Fire proofing, flanged joints, gasket leakage, holding down bolts, name plates, sliding feet, ladders, walkways, handrail).
- Monitoring all piping modifications activities including:



- Reviewing the material certificates and the witnessing the tests conducted on the incoming materials to ensure compliance with the project specifications.
- Monitoring the contractor's daily construction activities for the compliance of project specifications and approved procedures, reporting the short coming to the higher-ups for further actions.
- Carry out visual inspection & dimensional check for welding joints.
- Reviewing of Test Packages & Punch Lists & witness of hydro tests.

**Dates** : From May 2007 till Oct. 2008

**Employer** : Germanischer Lloyd, Doha – Qatar

**Projects** : 

- EPIC for Route Survey, Design construction, Installation & Hook up of oil flow Lines & Gas lift flow lines & PWI spurlines at Dukhan
- EPIC of 5 Nos. New Storage Tanks Associated System at QP Refinery at Mesaieed

**Job title** : Sr. (QA/QC) Engineer as a TPI

**Job Description** : Conducting (QA/QC) inspection services, including:

- Reviewing the material certificates and the witnessing the tests conducted on the incoming materials to ensure compliance with the project specifications.
- Assessing the contractor performance on the preservation and incoming inspections and updating the project management on timely basis.
- Following the RFI's raised by contractors, thus ensuring the activities are carried out as per the approved ITP.
- Witness welding procedure & Repair procedure qualification tests.
- Witness welder's performance qualification tests.
- Witness all relevant mechanical tests carried out at Body-cote, Doha, to ensure the requirements of the project specifications are met.
- Controlling the welder's performance thru regular interpretation of RT films as per the applied codes & standards.
- Witness of UT & MPI for all annular plate joints of tanks bottom & piping joints in tanks area.
- Witnessing valves test along with contractor inspector, ensuring all the requirements are met as per the approved procedures & API-598.
- Reviewing of Test Packages (Flow Lines – Hook-Up) Loops.

**Dates** : From Oct. 2006 till Apr. 2007

**Employer** : Germanischer Lloyd, Doha – Qatar

**Project** : Qapco Ethylene Plant Expansion (EP2) Project at Mesaieed Indust. City

**Job title** : (QA/QC) Engineer (Client Rep.)

**Job Description** : Conducting all (QC, Welding, Piping) Inspection Activities, including:

- Reviewing the material certificates and the witnessing the tests conducted on the incoming materials to ensure compliance with the project specifications.
- Assessing the contractor performance on the preservation and incoming inspections and updating the project management on timely basis.
- Following the RFI's raised by contractors, thus ensuring the activities are carried out as per the approved ITP.



- Witness welding procedure & Repair procedure qualification tests.
- Witness welding procedure qualification tests.
- Witness welder's performance qualification tests and maintain qualification records.
- Monitoring the contractor's daily construction activities for the compliance of project specifications and approved procedures, reporting the short coming to the higher-ups for further actions.
- Carry out visual inspection & dimensional check for welding joints.
- Monitoring of contractor & Sub-contractors (welding / piping) quality procedures implementation, QA/QC activities and Material Traceability.
- Monitoring PWHT, Hardness Tests, (Hydro. / Pneumatic) Tests & Reviewing their reports and ensured all the required test were carried out on the welded joints prior to field joint coating application.
- Reviewing of Test Packages & Punch Lists.
- All Inspection activities at shut-down period (15/01 - 28/02/2007).

**Dates** : From Jun. 2006 till Sep. 2006  
**Employer** : Germanischer Lloyd, Doha – Qatar  
**Project** : RAS GAS Onshore Expansion Project Phase 2 (Train 6 & 7 EPC)  
**Job title** : Contractor's Senior (QC/Welding) Engineer  
**Job Description** : Conducting all (QC/Welding) Inspection activities, including:

- Witness welding procedure qualification tests.
- Witness welder's performance qualification tests and maintain qualification records for piping & (1 potable water, 1 diesel, 6 effluent) tanks.
- Carry out visual inspection for welding joints of C.ST. Pipes & 20" Ø GRP Pipeline (welded by lamination method) & Tanks and their material traceability.
- Issue Surveillance reports & Non-conformance Notes.
- Witness of (piping & GRP pipeline & tanks) hydrostatic tests.

**Dates** : From Feb. 2006 till May 2006  
**Employer** : Germanischer Lloyd, Doha – Qatar  
**Project** : Dolphin pipelines project (36" on-shore pipeline / API 5L Gr. X65), 36" spools fabrication at Messaid (QN shipyard & Gabbro Quay)  
**Job title** : Inspection Engineer (Client Rep.)  
**Job Description** : Conducting all (QC/Welding) Inspection Activities, including:

- Witness welding procedure qualification tests.
- Witnessing welder's performance qualification tests and maintain qualification records.
- Carried out visual inspection for welding joints & Interpretation of RT films.
- Conducting walk thru and released the system for hydro-test with punch list.
- Witnessed and certified hydro-test of the pipeline carried out by Haliburton.
- Witnessing coating inspection of (36" & 48") coated pipelines for welded joints by (Holiday Test).

**Dates** : From Dec. 2004 till Jan. 2006  
**Employer** : Germanischer Lloyd, Doha – Qatar  
**Project** : Linear Alkyl Benzen (LAB) – (GTC 242 / IAB / 03) at Messaid Indust. City  
**Job title** : Senior (Piping/Welding) Inspector as a TPC (third party certification)  
**Job Description** : Conducting third party inspection activities, including:
 

- Reviewing the material certificates and the witnessing the tests conducted on the incoming materials to ensure compliance with the project specifications.
- Assessing the contractor performance on the preservation and incoming inspections and updating the project management on timely basis.
- Following the RFI's raised by contractors, thus ensuring the activities are carried out as per the approved ITP.
- Witness welding procedure & Repair procedure qualification tests.
- Witness welding procedure qualification tests.
- Witness welder's performance qualification tests and maintain qualification records.
- Monitoring the contractor's daily construction activities for the compliance of project specifications and approved ITP, raising NCRs for the non-conformances.
- Carry out visual inspection & dimensional check for welding joints.
- Monitoring of contractor & Sub-contractors (welding / piping) quality procedures implementation, QA/QC activities and Material Traceability.
- Monitoring PWHT, Hardness Tests, (Hydro. / Pneumatic) Tests & Reviewing their reports and ensured all the required test were carried out on the welded joints prior to field joint coating application.
- Reviewing of Test Packages & Punch Lists.
- Clearing the punch list items, ensuring the same has been cleared after site verification.
- Witnessing hydro test along with contractor inspector, ensuring all the requirements are met as per the approved procedures & specifications.

**Dates** : From Jun. 2004 till Dec. 2004  
**Employer** : GUPCO (Gulf of Suez Petroleum Co.) (Western Desert A/G) (through QC Petrol. Services Co.)  
**Project** : Two (Fresh & Brackish) water tanks in A/G facility  
**Job title** : (QC/Welding) Inspection Engineer (Client Rep.)  
**Job Description** :
 

- Welding inspection & quality control for (fresh & brackish) tanks - Material Spec.: (St. 37) - (thick. (12 mm for 3 lower courses & 10 mm for 2 upper Courses) - 16 Mt Diameter – 10.5 Mt Height – 2112 Mt. Capacity).
- Welding Inspection for 20.0" Flare pipe line (API 5L-X52- Sch.80) of 400 Mt Length & 13 pipe Branches (10"-8"-6"-4") to the process area.
- Inspection of all (fabrication & welding) activities in fabrication workshop in A/G Facility for (Well-heads & their flow lines) and all maintenance works in Gas Plant & process area - Material Spec.: (Seamless API 5L.X52 – Sch. 40) - External Polyethylene Coating.

**Dates** : From May 2004 till Jun. 2004  
**Employer** : South Dabaa Petroleum Co. (Western Desert) (through Opco Petroleum

**Job title** : Services Co.)  
**Job Description** : Material Inspector (Client Rep.)  
 : Inspection of 12" coated Pipes (130.0 km) in (Alexandria Yard Area) of South Dabaa Co. and reviewing all material certificates to ensure compliance with the project specifications for (12" Pipe Line Project (from site in W/desert to Al-Hamra Port)).

**Dates** : From Nov. 2003 till Apr. 2004  
**Employer** : El Qantra – Merlon Petroleum Co. (through Opco Petroleum Services Company)  
**Project** : South Battrra, South Mansoura, El Mansouria Gas Development Project  
**Job title** : QA/QC Engineer (Client Rep.)  
**Job Description** : Conducting all (Welding / Coating) inspection & QC activities of:
 

- 8" Coated Pipe line (16.0 Km length).
- 4" Coated Pipe line (8.0 Km length).
- All fabrication & pre-fabrication activities of Gas Development Facilities.
- Material Spec.: API 5L-X52 (Sch.80).

**Dates** : Oct. 2003  
**Employer** : ARCHIRODON Construction Overseas Co. (through Detection Consultants Office)  
**Project** : L.N.G Project (Edko location)  
**Job title** : Welding Inspector  
**Job Description** : Witnessing (Welder Qualification Tests) & Mechanical tests for:
 

- Fillet weld test (Plate-positions 3F, 4F) According to AWSD1.1 (for 40 welders).
- Groove (Butt) weld test (pipe-positions 5G, 6G) According to AWS D1.1 (for 25 welders).

**Dates** : From Jul. 2003 till Sep. 2003  
**Employer** : Khalda Petroleum Co. (El-Salam Gas Field) (through Opco Petroleum Services Co.)  
**Project** : Kenz Manifold – El-Qasr 6" Gas Pipeline  
**Job title** : QC/Welding Inspection Engineer (Client Rep.)  
**Job Description** :
 

- Conducting all inspection activities of (QC/Welding) of 6" coated Gas Pipeline & Supervision of Hydro-test & witness of all WQ Tests.
- Material Spec.: API 5L-X52 (26.0 Km Length - Sch. 80).

**Dates** : Mar. 2003  
**Employer** : ZEITCO Petroleum Co. (Oil Gulf - Red Sea) (through Opco Petroleum Services Co.)  
**Project** : East Zeit Field Development - 8" Subsea Pipeline  
**Job title** : Welding Inspector (Client Rep.)  
**Job Description** :
 

- Conducting all Inspection activities of (Welding / Coating) & QC for 8" coated Pipeline of (thick. 0.5").
- Material Spec.: API 5L-X52 (4.0 km Length - 290 Welded Joints).

**Dates** : From Nov. 2002 till Jul. 2003  
**Employer** : South Dabaa Petroleum Co. (Western Desert) (through Opco Petroleum Services Co.)  
**Project** : Ext. 1, 2, 3 for Early production facility  
**Job title** : QC/Welding Inspection Engineer (Client Rep.)  
**Job Description** : Conducting all Inspection activities of (Welding – Coating) & quality control for coated & uncoated flow lines of (4", 6", 8", 12") Sizes from well heads to manifolds.

**Dates** : From Sep. 2002 till Oct. 2002  
**Employer** : BAPETCO Co. (through OPCO Petroleum Services Co.)  
**Project** : Obaiyed Gas Field (plant shut-down), Western Desert  
**Job title** : QC/Welding Inspection Engineer (Client Rep.)  
**Job Description** :

- Monitoring & Inspecting of all welding activities for (8) new pressure vessels.
- Monitoring & Inspecting the following activities for open (heaters, pre-heaters, pressure vessels (columns)) existing in the plant:
  - Visual inspection for internal (shells, bottom, top) surfaces.
  - U.T thickness check for inlet & outlet nozzles.
  - External visual inspection for tube bundles.
  - Internal surface inspection by illuminated flexible Borescope for tube bundles.

**Dates** : From Oct. 2001 till Sep. 2002  
**Employer** : South Dabaa Petroleum Co. (Western Desert) (through Opco Petroleum Services Co.)  
**Project** : Ext. 1, 2, 3 for Early production facility  
**Job title** : QC/Welding Inspection Engineer (Client Rep.)  
**Job Description** : Conducting Inspection activities of (Welding - Coating) & quality control for:

- 12" (U/G) coated pipe line of 12.0 km length.
- 6" (U/G) coated pipe line of 12.0 km length.
- 8" seamless pipe line of 16.0 km length.
- 6" seamless pipe line of 16.0 km length.
- 4" seamless flow line of 10.0 km length.

**Dates** : From Oct. 2000 till Sep. 2001  
**Employer** : BAPETCO (through OPCO Petroleum Services Co.)  
**Project** : Obaiyed Gas Field - Flow lines - Phase II, Western Desert  
**Job title** : QC/Welding Inspection Engineer (Client Rep.)  
**Job Description** :

- Conducting all the following inspection activities:
  - Visual Inspection of fabrication and erection (Dimension check, joints preparation, fitting-up & welding process - coating).
  - Interpretation of RT films according to ASME-IX, API-1104 codes.
  - Performing the U.T and dye penetrant tests on the welding pipes.
  - Following-up welding procedures, welder's qualification and (QC) Documents.
- Types of Materials:

- ASTM A790-GR.UNS31803 DUPLEX. STAINLESS STEEL.
- API 5L-GR.X65 CARBON STEEL.

**Dates** : From Sep. 1999 till Sep. 2000  
**Employer** : South Dabaa Petroleum Co. (through OPCO Petroleum Services Co.)  
**Project** : Early Production Facility (Western Desert)  
**Job title** : QC/Welding Inspection Engineer (Client Rep.)  
**Job Description** : Conducting all Inspection activities of (Welding - Coating) & Quality control:

- 8" coated pipe line of 23.0 km length.
- 4" coated flow lines (Qty.12) with total length of 16.0 km.
- 3 crude oil tanks and 2 fire water tanks.

**Dates** : From Sep. 1999 till Sep. 2000  
**Employer** : H&U Co. (Gas Filling Factory), Edfo, Aswan  
**Project** : L.P.G Filling Factory  
**Job title** : Welding Inspector (Client Rep.)  
**Job Description** : Conducting all Inspection activities of Welding & QC for:

- 4 Spherical Tanks (Volume of 500 M<sup>3</sup>) & 2 Fire Water Tanks.
- Pipe lines of (L.P.G, Fire Fighting, Compressed Air).

**Dates** : From Dec. 1998 till Sep. 1999  
**Employer** : EGY-GAS Co. - Balteem, Kafr El-Sheikh  
**Project** : L.P.G Filling Factory  
**Job title** : QC/Welding Inspection Engineer (Client Rep.)  
**Job Description** : Visual Inspection of fabrication, erection and checking (dimensions, joints preparation, fitting-up and welding process) and interpretation of the films according to ASME code for (L.P.G, Fire Fighting, Compressed Air) pipes and 2 fire water tanks.

**Dates** : From Oct. 1998 till Nov. 1998  
**Employer** : Welding Examination & Consulting Office (WECO)  
**Project** : L.P.G Filling Factory in Balteem, Kafr El-Sheikh  
**Job title** : QC & Welding Engineer  
**Job Description** : Conducting Visual Inspection of fabrication, erection and checking (dimensions, joints reparation, fitting-up and welding process) and interpretation of the films, performing (liquid penetrant, magnetic particles) tests according to ASME code for 2 spherical tanks (volume of 500 M<sup>3</sup>).

**Dates** : From Apr. 1996 till Sep. 1998  
**Employer** : Arab Co. for Engineering Works (CAIROMATIC)  
**Project** : Water & Sewage Systems Treatment Plants and Anti-Hammering Systems  
**Job title** : QC Engineer  
**Job Description** : Conducting all QC Inspection activities of:

- Material receiving.
- Fabrication and construction of storage tanks.
- Fabrication of pressure vessels and water treatment equipments.

- Following-up welding procedures & welders' qualifications.
- Piping works (fabrication, welding inspection & hyd. Tests).

**Dates** : From Aug. 1994 till Mar. 1996  
**Employer** : Al-Megharbel Trading & Contracting Co.  
**Project** : Water Pipeline Network in Kafr El-Sheikh City  
**Job title** : Site Engineer  
**Job Description** : Renovation of Water Pipeline Network.

**Dates** : From Nov. 1990 till Sep. 1993  
**Employer** : PETROJET Co. for Petroleum Projects & Tech. Consultations  
**Projects** :

- Abu Madi Gas Field (L.P.G Ext.)
- New Fractionation Unit for Al-Nasr Petroleum Co.
- Trans Gulf Gas Component for PETROBEL Co. - South Sinai

**Job title** : Welding / QC Engineer  
**Job Description** : Conducting all the following activities:

- Supervision of piping installation.
- Pipe supports fabrication.
- Supervision of hydrostatic test of pipes.
- QC of piping works (fabrication, fitting-up, welding process).
- QC of Documentation & Reporting.
- QC of Scheduling and activities record.

**Dates** : From Apr. 1987 till Sep. 1989  
**Employer** : The Armed Force Authority  
**Job title** : Vehicles Maintenance Engineer

**Field of experience** :

- Experience in the (in-service) inspection field of (Piping, Tanks) (API-570, API-653).
- Work in green and brown fields, onshore and offshore.
- Vendor Inspection Duties include: reviewing manufacturing procedures for compliance to specifications and codes like (welding procedures, welder qualifications, non-destructive testing procedures, hydrotest procedures, dimensional control procedures), monitoring QC inspection activities, reports, nondestructive testing, traceability and documentation for the project, reviewing quality control manual, ITP and inspection procedures.
- Handle the tasks of generating work plans by coordinating with project superintendent.
- Good familiarity with the international codes and standards such as ASME code (sections I, II, V, VIII Div. 1, 31.3 Series and IX), API (1104, 650, 620, API 570, 510, 653, 5L, 6FA, 575, 572), BS EN ISO (15608, 15609, 15614 ...), PD 5500, AWS D1.1, ...etc.).
- Strongly supported with sound knowledge related to metallurgical, welding science and their engineering practices.
- Enough awareness and capabilities to establish all kinds of quality control documents governing any inspection and welding processes.
- Sound knowledge with the different NDE methods and their practical

applications such as:

- VT Visual inspection.
- MT (Magnetic particle Testing).
- PT (Liquid penetrant Testing).
- Radiographic testing and film interpretation.
- LT (Leak Testing) such as Vacuum test, Hydrostatic test and pneumatic test.
- Witness PMI & Report review according to the project specification.
- Witness PQR.
- Witness WPQ.
- Confirm electrode, filler wire, fluxes, and inert gases are as specified and acceptable.
- Ensure all base metal, and backing ring materials are properly marked and identified.
- Valve Testing.
- Issuing mechanical completion certificate for the piping, pressure vessels and tanks.
- Review and approval of test pack.