

Holds a B. Sc. in Mining & Petroleum Engineering and has over 7 years of experience in oil and gas projects with special skills in construction, Fabrication, Power Plants and Refining projects.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 10/07/1987  
Gender : Male  
Residence : Cairo

## EDUCATION

: B. Sc. in Mining & Petroleum Engineering, Al-Azhar University, 2012

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Certified Welding Inspector (CWI) (No.: 16011871).
- : Non-Destructive Examination Level II:
  - Level II ASNT SNT-TC-1A UT.
  - Level II ASNT SNT-TC-1A RT.
  - Level II ASNT SNT-TC-1A MT.
  - Level II ASNT SNT-TC-1A PT.
  - Level II ASNT SNT-TC-1A VT.
- : ASME B31.3 Course from AUC (American University in Cairo).
- : Advanced course in Welding Technology.
- : Integrated Management System Foundation Training (ISO9001 – ISO14001 – ISO18001) from SGS.
- : Integrated Management System Auditor Training (ISO 9001 – ISO 14001 – ISO 18001) from SGS.
- : QA/QC Professional course.
- : ICDL (International Computer Driving License) from Ministry of communication and information technology.
- : AutoCAD from YAT Education Centre.

- : TRAINING COURSES AT ITC (Industrial Training Council):
  - Welding Technology.
  - Practical Welding process such as SMAW, GMAW, FCAW, GTAW.
- : Summer trainings at:
  - Badr Petroleum Company (BAPETCO) (2010).
  - DELTA STEEL MILL S.A.E (2010).
  - Surveying Project in Baharia Oasis (Western Desert in Egypt) (2011).
  - Badr Petroleum Company (BAPETCO) (2011).
- : Several visits to different companies during studying year (2012):
  - The Arab Company for special steel (Arco Steel).
  - Alexandria for refractoriness.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Feb. 2017 till now
- Employer** : GS E&C
- Project** : Refinery Mostorod Project
- Job title** : QC Welding Inspection Engineer
- Job Description** :
- Implement the QA/QC management system at site.
  - Performing visual inspection on Production Welds.
  - Verifying piping material identity (pipe, valves and fittings) and its conformance to the installation drawings.
  - Verification that dimensions and alignment tolerances of the piping systems are as per constructs specifications.
  - Witnessing the inspection procedures of Dye Penetrant, Magnetic Particle, ferrite test & PMI test.
  - Witnessing of welder qualifications testing and procedures qualification testing.
  - Witnessing any remedial repair welding.
  - Reviewing the hydrostatic test packages.
  - Performing piping walk-down inspection and completing punch lists.
  - Monitor any Post Weld Heat Treatment on site and review the test report.
  - Selection of welds for non-destructive testing.
  - Coordinate the issue of Non-Conformance Reports.
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- Dates** : From Jan. 2016 till Feb. 2017
- Employer** : INSPECTA IN KHALDA PETROLUM COMPANY (KPC) - (Apache) (OIL & GAS)
- Project** : New pipe line and fabricated spools for new wells
- Job title** : QC Welding Inspection Engineer
- Job Description** :
- Reviewing contract specification.
  - Material certificate review and prepare MRR.
  - Prepare and review ITP.
  - Prepare welding procedures, procedures Qualification records, and welders qualification.
  - Review of all isometrics, welding as built.
  - Fit-up, welding inspection, visual test.
  - Interpretation for NDT and preparing NDT reports.

- Witnessing the inspection procedures of Dye Penetrant, Magnetic Particle, ferrite test & PMI test.
- Witnessing any remedial repair welding.
- Reviewing the hydrostatic test packages.
- Review documents Included P&ID, ISO. Welding Summary, and all reports (VT, RT, UT and PT).
- Prepare welding procedure specification "WPS" and supporting procedure qualification record "PQR".
- Responsible on welders' qualification tests in Accordance applicable codes.
- Inspection of installation piping / hydro test prepares and review test package.
- Preparing the weld maps-recording and review as Built drawing.
- Inspection of installation pumps & equipment leveling and alignment.
- Responsible on all QC activities such as incoming material inspection, fabrication inspection, NDE, preheat, PWHT operation, painting inspection,(galvanizing and pickling) inspection.
- Responsible on studying applicable codes, standard and specification to Extract the acceptance criteria for welding and Requirement of NDE & preheat and PWHT operation.

**Dates** : From Apr. 2015 till Jan. 2016

**Employer** : DSD FERROMETALLCO

**Job title** : QC Welding Inspection Engineer

**Job Description** :

- ERC Refinery Project:
  - Scope of work: piping fabrication.
  - Material certificate review and prepare MRR.
  - Review welding procedures, procedures Qualification records, and welders Certificates.
  - Review of all isometrics, welding maps, as built.
  - Fit-up, welding inspection, visual test.
  - Interpretation of nondestructive test.
  - Codes and specifications used: ASME B31.3, IX, II part a & GS SPECIFICATIONS.
- Namaa Combined Cycle Power Plant, Algeria:
  - Scope of work: supply & fabrication of steel structure works.
  - Prepare ITP.
  - Material certificate review and prepare MRR.
  - Review welding procedures, procedures Qualification records, and welders Certificates.
  - Review of all drawings.
  - Fit-up, welding inspection, visual test.
  - Codes and specifications used: AWS D1.1. & SAMSUNG SPECIFICATIONS.

**Dates** : From Jan. 2015 till Apr. 2015

**Employer** : PSC

**Project** : Beni Suef Combined Cycle Power Plant

- Job title** : QC Welding Inspection Engineer
- Job Description** :
- Review welding procedures, procedures Qualification records, and welders certificates.
  - Review of all isometrics, welding maps, as built.
  - Fit-up, welding inspection, visual test.
  - Interpretation of nondestructive test and preparing NDT reports.
  - Inspection on tightening and torque for steel Structure bolts and anchor bolts.
  - Codes and specifications used: ASME (B31.1, IX, II) & SIEMENS SPECIFICATIONS.
- Dates** : From Nov. 2012 till Jan. 2015
- Employer** : Power House Company (Petroleum Service) Oil and Gas / Energy / Power Plant / Process Plant
- Projects** :
- WATER FLOOD WITH DAPETCO
  - WATER DISPOSAL WITH DAPETCO
- Job title** : QC Welding Inspection Engineer
- Job Description** :
- Material certificate review and prepare MRR.
  - Prepare and review ITP.
  - Prepare welding procedures, procedures Qualification records, and welders qualification.
  - Review of all isometrics, welding as built.
  - Fit-up, welding inspection, visual test.
  - Interpretation for NDT and preparing NDT reports.
  - Witnessing the inspection procedures of Dye Penetrant, Magnetic Particle, ferrite test & PMI test.
  - Witnessing any remedial repair welding.
  - Reviewing the hydrostatic test packages.
  - Review documents Included P&ID, ISO. Welding Summary, and all reports (VT, RT, UT, and PT).
  - Prepare welding procedure specification "WPS" and supporting procedure qualification record "PQR".
  - Codes and specifications used: ASME (B31.3, IX, II) & Client SPECIFICATIONS.
- Field of experience** :
- Conduct Inspection & Testing of welding activities as per approved Drawings, WPS/PQR and ITPs.
  - Reviewing the hydrostatic test packages.
  - Performing piping walk-down inspection and completing punch lists.
  - Toolbox instructor (able to prepare and instruct a toolbox for engineers/technicians).
  - Extensive knowledge of material science, welding engineering and metallurgical engineering.
  - Prepare Welding Inspection records.
  - Identify and report Non-Conformances (NCRs) and Snags to QA /QC Engineer and Fabrication/Site Construction Team.
  - Experience in establishing / qualification of WPS/PQRs for different type of C.S. and alloy steel welding procedures,
  - Experience in Inspection & Testing of welding and weld repair procedures (SMAW, FCAW, GMAW, GTAW).

- Experience in Welder Qualification (WQTs).
- Experience in review and interpretation of NDT examination of Welding inspection.
- Manage and monitor the team of Welders and Fabrication activities, and painting.
- Conduct Welding training workshops for Welders and Fitters.
- Calibration of various welding instruments.
- Hands-on experience as per ASME Section II, V, VIII, IX, B 31.3, B 31.1, AWS D1.1 / API 1104 Code requirements.
- Skills:
  - International codes interpretation.
  - ASME, AWS, API, EN... etc.
  - Nondestructive examination.
  - Welding engineering and processes.
  - Quality control.
  - Piping, Tanks, Vessels, Subsea Pipelines.
  - PQR, WPSs, WPQs.
  - Welders and welding operators training.
  - Team player and leadership capable.
  - Planning and coordination.
  - Root cause analysis.
  - Construction supervision.