

Holds a B. Sc. in Chemistry and has about 15 years hands-on experience working in welding, painting, coating and insulation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 21/03/1981
Gender : Male
Marital Status : Married
Residence : Sharkia

EDUCATION

: B. Sc. in Chemistry, Zagazig University

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

- : API 570:
 - PIPING INSPECTOR.
 - CERT.NO. 68215.
 - Valid up to: 2022.
- : C SWIP GRADE 3.1:
 - WELDING INSPECTOR.
 - CERT.NO. 66419.
 - Valid up to: 06/2022.
- : C SWIP B-GAS GRADE 2:
 - PAINTING INSPECTION.
 - BG 578150.
 - Valid up to:10/2022.
- : NDT certified according to ASNT-TC-1A level II:
 - Dye penetrate testing (P.T).
 - Magnetic particle testing (M.T).
 - Radiographic test (R.T).
- : Certified ISO 9001/2015 AUDITOR/LEAD AUDITOR.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2015 till now
Employer : GS E&C ENGINEERING & CONSTRUCTION
Project : ERC Refinery Project
Job titles :

- QC Team Leader (painting / insulation)
- QA/QC NCR Project Coordinator

Job Description : Piping above and underground / Equipment / Tanks.

Dates : From Jan. 2013 till Mar. 2015
Employer : ThyssenKrupp Industrial Solution (UHDE)
Project : Egyptian Hydrocarbon Company (EHC NA/LDAN)
Job title : QC Engineer (welding, painting and insulation)
Job Description : Piping.

Dates : From Nov. 2012 till Dec. 2012
Employer : TUV SUD Middle East, llc.
Project : MUSANDAM GAS PLANT PROJECT at UNISCO workshop
Job title : QC Engineer (welding and painting)
Job Description : Steel structure.

Dates : From Apr. 2011 till Oct. 2012
Employer : BADR ELDEEN through WINSPECT
Project : OIL FIELD NEW CONSTRUCTION AND MAINTENANCE
Job title : QC Engineer (painting / coating)
Job Description : Piping, pipeline and maintenance in shutdowns.

Dates : From Jun. 2010 till Mar. 2011
Employer : PETROFAC through SA International
Project : AL MERK Project (Workshop)
Job title : QC Inspector (painting)
Job Description : Steel structure.

Dates : From Jul. 2008 till Jun. 2010
Employer : UHDE (ThyssenKrupp)
Project : PDH/PP WORKSHOP
Job title : QC Engineer (welding / painting)
Job Description : Piping and steel structure.

Dates : From Jul. 2008 till Jun. 2010
Employer : UHDE (ThyssenKrupp)
Project : EAGRIUM (ENPC)

Job title : QC Engineer (painting and insulation)
Job Description : Piping and steel structure.

Dates : From Apr. 2008 till Jul. 2008
Employer : BUREAU VERITAS
Project : SALAM GAS TRAIN at Petrojet workshop
Job title : Painting Inspector
Job Description : Pressure vessels.

Dates : From Mar. 2007 till Apr. 2008
Employer : CCC
Project : RGX (LNG Project) train 6, 7, AKG2 & painting yard
Job title : QC Inspector (painting / coating)
Job Description : Piping.

Dates : From Feb. 2006 till Mar. 2007
Employer : GAPESCO for petroleum services
Project : MAINTENANCE
Job title : Welding and Painting Inspector
Job Description : Piping, pipeline and maintenance in shutdowns.

Dates : From Jan. 2005 till Feb. 2006
Employer : ORASCOM
Project : HELWAN FERTILIZER FACTORY
Job title : Welding Inspector
Job Description : Piping, steel structure and NDT.

Project : Al-Jubail Project
Job title : Welding Inspector

Project : E.G.I
Job title : Welding Inspector

Project : K.T.I
Job title : Welding Inspector

Field of experience :

- 15 YEARS EXPERIENCE INCLUDING 5 YEARS IN OIL FIELD (ONSHORE & OFFSHORE):
 - IN WELDING: Preparation and reviewing of Welding Procedure specifications, preparation and reviewing of PQRs documents under different Construction and Welding Codes requirements (ASME B31.3, ASME VIII Div. 1 & 2, ASME IX, AWS D1.1, API 1104, ASME B16.5) and project specifications, controlling of piping prefabrication workshops, as well as coordinating for piping spools

to be released for further activities involving different material welding and services; inspection assembly and welding of Structural Steel, piping fabrication and erection, underground pipelines; Leak Test packages (Hydrostatic / Pneumatic) compilation from P & IDs and general arrangements, Package preparation and documentation review; Complete Punch listing of the test systems to verify its compliance to drawings and specifications (Verification of primary and secondary supports types and location as per drawing, verification of correct ratings of flanges and blind flanges, verification of correct gasket types and materials are being used verification of the valves installation according to flow direction, verification of bolts size and material, Follow-up for punch list items clearance for release to testing. Re-instatement of the tested loop-verification of removal of all testing spades, re-installation of dropped down valves, strainers ...etc. and final handover of the system prior pre-commissioning; supervising, controlling and inspection of local Post Welding Heat Treatment in piping, for almost all of my attended projects I experienced and practiced radiographic films interpretation, altogether with other NDT methods.

- IN PAINTING: Carried out oil field tests relative to inspection and quality control for protective coating, heat, cold insulation, lining, and cold wrapping activities as following: Visual and correlative examination of steel surface for determine rust grade field and laboratory test of materials applied for surface preparation suitable blasting method including grits/shot, garnet and sandblasting techniques as per standard. Solve field technical problems in painting, wrapping and control of safety precautions required. Technical and commercial evaluation for painting, coating offers submitted by many suppliers. Review procedures, quality test plane and painting system for offshore and onshore for new installation and maintenance projects. Good use of SSPC, ASTM, NACE, BS, DIN, ISO and ASME. Work with different manufacture companies like JOTUN, SIGMA, HEMPEL, INTERNATIONAL and ZINGA.
- Job profile:
 - WELDING:
 - ❖ Carrying out inspection of all incoming material including sheets, Welding electrodes & construction materials.
 - ❖ Preparing welding maps.
 - ❖ Check dimensions accuracy according to approved drawings.
 - ❖ Supervision the application of hydrostatic test.
 - ❖ Reviewed WPS and PQR according to standard specifications . Reviewed welding data sheets, Reviewed Quality Control procedures and inspection test plan according to standards and specifications. Quality assurance for NDT reports and hand over packages.
 - ❖ Visual check for welding activities.
 - ❖ Qualification test for welders.
 - PAINTING:
 - ❖ Inspection of the onshore work blasting and painting of various pipelines, pressure vessels, tanks, Loading Arms, seawater fall tank, etc.

- ❖ Inspection of the quality of shot and grit used for blasting and measuring the surface anchor profile, viscosity of the paint, adhesion test, wet film thickness and dry film thickness for the different types of coatings.
- ❖ Involved in the quality control of various coatings used in company's facilities. This inspection includes visual inspection of the applied coating area., wet film thickness measurements, dry film thickness measurements, viscosity of paints before application and observing ,atmospheric temperature, relative humidity, dew point are suitable for coating application.
- ❖ Having through knowledge about various kinds of paints, thinners and tool cleaners used for onshore and offshore applications. These include primers, mid coats, topcoats and thinners used for above ground piping and equipment, insulated pipes, above ground storage tanks (for crude oil, waste water, fresh water) offshore structures, sand-filter vessels, desalination plant water boilers, gas scrubbers, separator vessels and also F.R.P. lining and its applications.
- ❖ Having good knowledge about safety procedure during the construction and maintenance.
- ❖ Inspection of fireproof materials used in the different structures.
- ❖ Calculating the surface area of every item in the project.
- ❖ Indicating the required paint system for every item (pipeline, steel structure, equipments, vessels, storage tanks, towers and any other facilities) according to the project specification or codes to prepare the suitable procedure.
- ❖ Estimating every kind of paint and the required quantity to calculate the cost and make delivery order.
- ❖ Indicate the type of abrasives needed for every facilities (garnet, aluminum oxide, aluminum phosphate iron grits and shots or any other abrasives) mesh test and chemical analysis for every abrasive.
- ❖ Inspecting the work daily (equipment inspection, climatic condition, surface preparation, testes before paint application (Soul able iron salts, soul able chlorides and mill scale), WFT and DFT of the paint film and testes after paint application (pinhole, cross cut, cross hatch, mechanical testes and pull off test for the dry film thickness) and record all in standard report forms.
- ❖ Provide technical assistance on non-metallic materials selection, also drafts relevant, Technical specifications and procedures to carry out application using GRP, GRE rubber, and insulation materials.
- ❖ Provide technical advice and supportive service to operating and technical groups on all painting coating works to be carried out by Contractors on onshore / offshore oil plants, equipment and installation / structures, such as platforms, wellhead towers etc . Includes protective coating roofing and fireproofing system.
- ❖ Cleaning procedure and repainting for platforms (offshore works); review platform diagrams, files and description of current coating failures, review any recommendations.
- ❖ Established and preparation reports and all documentation

- ❖ daily, weekly and monthly records.
- ❖ Preparation of painting system & procedures spec. according to codes & standards spec's.
- ❖ Supervision of solvent free coating and laminating, lining system activities.
- ❖ Highly experience in cold wrapping technology system (cold welding).
- Familiar Standards:
 - ASTM (American Standards for Testing Materials).
 - BS (British Standards).
 - ISO (International Organization for Standardization).
 - SSPC (Steel Structural Painting Council).
 - NACE (National Assn. of corrosion engineers).
 - ASME (American Society of mechanical engineers).
 - API (American Petroleum Institute).