



Rabie Ahmed

+20 1283347695

+20 1092465742

ENG_RABIE.PETRO@YAHOO.COM

Summary

Experienced lead Inspection Engineer of mechanical Inspection Department with 16 years in welding inspection, construction, pressure vessels, piping, tanks, and in-service inspection. Extensive knowledge of industry standards, codes, and regulations. Certified in CSWIP 3.1, API 570, and API 510. Proven track record in ensuring compliance, delivering cost-effective solutions, and managing multiple projects. Strong analytical, communication, and leadership skills. Committed to upholding integrity and professionalism.

Education

Bachelor of Science: Metallurgical Engineering- 2007

Cairo University, Faculty of Petroleum & Mining & Metallurgy Engineering

Graduation grade: good

Experience

1. Inspection Engineer at PETROJET- 03/2008 till Now

Participated in all the below mentioned Projects:

INSPECTION ENGINEER- 05/2017 till Now

CENTRAL WORKSHOP IN PETROJET CO, Cairo

- Fabrication of all types of pressure vessels such as heat exchangers, towers, column's, separators and so on according to (ASME VIII DIV 1 & 2 & NBIC CODES).
- Review ITP, welding map, drawings, and receiving materials.
- Apply all NDT required in ITP, codes of manufacture, and specifications.
- Make repair for pressure vessels during shut down.
- Witness of hydro tests on static equipment's.
- Prepare PQR&WPS for projects.

INSPECTION ENGINEER- 06/2016 to 05/2017

REPRESENTATIVE OF PETROJET CO.

CLIENT :EGYPTIANS WEPKO, WEPKO FOR WESTERN PETROLLEUM, Egypt

- Responsible for QA/QC activities for storage tanks and its net piping accordance to API 650 & ASME B31.3.

- Evaluation and assessment the dimension check reading according to API 650&API 653 then prepare the final report with suitable repair recommendations.
- Preparing WPS, PQR, PWHT & making mechanical punch list for hydro test loops.
- Review calibration certificates of used equipment.
- Monitoring all welding activates during repair work and carrying out visual inspection and required NDT after welding.
- Shell plates and Consumables Receiving Inspection.
- Monitor Fit up & welding Parameters.
- Monitor PWHT.
- Interpretation of RT Films. Review ITP, welding map, drawings, and receiving materials.

INSPECTION ENGINEER- 12/2014 to 06/2016

REPRESENTATIVE OF PETROJET CO.

CLIENT :EGYPTIAN EYTHDCO, ETHYLEN PRODUCTION PLANT, Cairo

- The constructions & fabrication and inspection works of 9 spherical tanks with 47 mm accordance to ASME VIII division II.
- Extension plant containing 2 tank and its net piping QA/QC activities at shop and field.
- Preparing WPS, PQR, PWHT & making mechanical punch list for hydro test loops.
- Review calibration certificates of used equipment.
- Monitoring all welding activates during repair work and carrying out visual inspection and required NDT after welding.
- Shell plates and Consumables Receiving Inspection.
- Monitor Fit up & welding Parameters.
- Monitor PWHT.
- Interpretation of RT Films. Review ITP, welding map, drawings, and receiving materials.

QA\QC & INSPECTION ENGINEER- 08/2011 to 12/2014

REPRESENTATIVE OF PETROJET CO.

CLIENT :MEDOR COMPANY, EXTENTION & SHUTDOWN MEDOR REFINARY PLANT, Cairo

- Responsible for QA/QC activities for storage tanks and its net piping accordance to API 650 &ASME B31.3.
- Evaluation and assessment the dimension check reading according to
- API 650&API 653 then prepare the final report with suitable repair recommendations.
- Carrying out on-stream inspection monitoring of operating plant and verify all maintenance activities.
- Conducting internal and external planned and unplanned inspections on all static equipment/facilities.
- Issuing equipment final inspection reports documentation all the finding, NDT results, repairs/replacement to the equipment are recommended.
- Identifying the type of corrosion /deterioration to the equipment or piping and initiate appropriate monitoring methods with corrosion groups.
- occur inspection activities related to international standard ASME, API, BS, NACE AND ETC.

- Certifying safety relieves valves and supervising lifting equipment test, recertification, and color code.
- Evaluate Radiographic Test Results tanks and Piping.
- Monitoring all welding activities during repair work and carrying out visual inspection and required NDT after welding.
- Carrying out NDT inspection methods such as RT, UT, PT, MT and hydrostatic pressure testing.

QA\QC & INSPECTION ENGINEER - 07/2010 to 08/2011

REPRESENTATIVE OF PETROJET CO.

CLIENT :STYREN EGYPTIAN COMPANY, Cairo

- The constructions & fabrication and inspection works for storage tanks in accordance API 650 including dimension check (peaking, banding, roundness and foundations settlement, shell settlement and bottom settlement)
- Evaluate Radiographic Test Results for All Piping, Tanks And Vessels.
- Preparing WPS, PQR.
- Monitoring all welding activities during repair work and carrying out visual inspection and required NDT after welding.
- NDT reports approval.
- Erection of Equipment (Level, orientation & Alignment).
- Fabrication and Erection of C.S & St.ST Tanks.

QA\QC & INSPECTION ENGINEER - 03/2008 to 07/2010

REPRESENTATIVE OF PETROJET CO.

CLIENT :GASCO, MAINTANANS OF ETHAN& PRPAN GAS FIELD, Cairo

- Perform all on-stream and off-stream inspection activities for stationary equipment, piping systems pressure relieving devices.
- Assessment deterioration mechanism, corrosion monitoring and investigation of failure to establish inspection frequencies.
- Checks conditions of safety relief valve and witness pressure setting before and after repair and during any re-calibration.
- Assist in preliminary failure assessment of equipment such as vessels, tanks, piping, and soon.
- Monitoring all welding activities during repair work and carrying out visual inspection and required NDT after welding.
- Perform internal and external inspection over all the plant vessels according to inspection plan.
- Follow up the repair procedures.
- Preparing WPS, PQR, PWHT procedures for all activities.
- Review calibration certificates of used equipment.
- NDT reports approval.

2. Asset Integrity Engineer at KHALDA- 06/2007 to 03/2008

- Prepare PQR&WPS for projects.
- Check ITP and review all NDT reports.
- FAB Inspection of all storage tanks according to API 650&API620.
- FAB Inspection piping& pipelines according to international codes & specs such as ASME B31.3, API 1104 and so on.
- FAB Inspection pressure vessel fabrication according to ASME VIII.

- Witness of hydro tests on static equipment's.
- Prepare PQR& WPS for plant shutdown & in-service repair welding.

Certifications

- certified "CSWIP welding inspector 3.1" cert no 96832
- certified "API 570" piping inspector cert no 54659
- certified "API 510" pressure vessel inspector cert no 51417
- Authorized "API 653" storage tank inspector (InProgress)
- ASNT NDT Certified Inspector Level II (VT-MT-PT-UT-RT)
- Course in construction and design of net piping.
- Roles of radiation protection.

PERSONAL DATA

DATE OF BIRTH: FEB 5, 1985.

MARITAL STATUS: Married.

MILITARY SERVICE: Exempted.

NATIONALITY: Egyptian.

LANGUAGES: Arabic & English, Very Good.