

Holds a B. Sc. in Metallurgical & Materials Engineering and has about 7 years hands-on experience working as Plant Inspection Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/05/1989
Gender : Male
Marital Status : Married
Residence : Suez

EDUCATION

: B. Sc. in Metallurgical & Materials Engineering, Suez Canal University, 2011

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD 2010
: Abaqus Engineering Designing Program

TRAINING COURSES AND CERTIFICATIONS

: Non-Destructive Testing (N.D.T) Methods Level (II) Course according recommended practice No.SNT-TC-1A of the American Society for Non-Destructive Testing (ASNT) in the following categories:

- Visual Testing (VT).
- Liquid Penetrant Testing (PT).
- Radiographic Testing (RT).
- Magnetic Particle Testing (MT).
- Ultrasonic Testing (UT).

: 10 hours Occupational Safety and Health training course in Construction Safety and Health.

: 10 hours Occupational Safety and Health training course in General Industry Safety and Health.

: Welding training course in electric arc welding methods (SMAW, GMAW, GTAW) from Industrial Training Council (I.T.C).

- : Training course in Fundamental of Non-destructive Testing according American Society for Non-destructive Testing (ASNT) from Shohary Oilfield Training Centre (Subsidiary of Inspecta International Company).
- : Internships at:
 - Alexandria Petroleum Maintenance Company (PETROMAINT), Alexandria (Feb. 2011).
 - Arab Contractors Company, Ismailia (Aug. 2010).
 - Nasr Petroleum Company (N.P.C), Suez (Aug. 2009).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2017 till now
Employer : Egypt Basic Industries Corporation (EBIC)
Job title : Plant Inspection Engineer

Dates : From Mar. 2013 till Dec. 2016
Employer : Suez Oil Processing Company (SOPC)
Job title : Plant Inspection Engineer

- Field of experience** :
- Work scope:
 - Carrying out all inspection activities for all plant stationary equipments as assigned including pressure vessels, columns, drums, heat exchanger, boilers, fired heaters, air cooler coolers, tanks, Coker drum, valves, pressure safety valves, and piping system by entering into vessels, tanks and towers, during shutdowns/ Turn around, to check condition of equipment. Includes noting observations on cracks, pits, thinning and any other pattern of erosion, corrosion and other interior failure. Makes interpretations of findings, analyses for failure, prepares report and issues recommendation.
 - Inspect maintenance and capital project works being carried out in the plant, to ensure that specified maintenance practices and procedures are followed for welding, installation and fabrication as per policy and in compliance with international fabrication codes and standard.
 - Conduct periodic inspections accordance with pre-established programs and procedures including witnessing of testing on all existing static surface facilities including pressure vessels, tanks, piping systems and associated structures/ accessories for purpose of determining integrity and suitability for continued safe and reliable service.
 - Participate in all quality control / quality assurance aspects of new construction activities and Perform, issues and review of the Quality control plan for all new projects.
 - Monitoring the service contractors performance and develop service progress report according to the quality control plan.
 - Studying the corrosion effects for each equipment and estimate the corrosion rate and the remaining life.
 - Suggest the suitable methods for corrosion protection (lining, coating).

- Follow up all required repairs for all static equipment.
- Monitoring all welding activities during repair work and carrying out visual inspection after welding.
- Supervision of NDT Testing and coordinates NDT crews and Selects appropriate NDT techniques required for condition evaluation and interprets their results to applicable codes.
- Supervising the P.W.H.T. processes performed and its results charts or records as per ASME SEC. VIII.
- Witness valves, safety / relief valves testing and maintaining.
- Witness of hydrotest, Nitrogen purging and Pneumatic test for equipment and piping.
- Review of welding documents as welding procedure specification (WPS) with its related requirement procedure qualification record (PQR) as per ASMESEC IX.
- Witness & certificate review for welder performance qualification record (WPQ) as per ASME SEC IX.
- Follow up implementation of welding procedure specification (WPS) in work shop and sites.
- Follow up implementation of welder performance qualification record (WPQ) and issues analytic repair percentage.
- Follow up implementation of welder performance qualification record (WPQ) and issues analytic repair percentage.
- Radiographs Interpretation, witness application of NDT and endorse QC reports.
- Reviewing of radiographs, PAUT reports, PMI and Hardness reports against code and specification requirements.
- Review and approved NDE procedures as per ASME SEC V.
- Inspection of material certificates for review as per ASME SEC II and ASTM.
- Inspection of stock materials delivered to company and Reviewing material certificates and MDRs in compliance with code requirements.
- Inspection during fabrication and construction of piping, pressure vessels, Tanks, pipe lines.
- Witnessing Hydro testing of piping circuits, pressure vessels & heat exchangers.
- Assessment of technical offers submitted by different contractors for Expansion, Substitution, Revamping Projects.
- Utilize Risk Based Inspection Software (RBI) to perform effective Inspection for all plant Equipments.
- Utilize Maximo (CMMS) to track plant activities.
- To review the isometric drawing and carry out the inspection work Familiar with most of the industrial codes & standards e.g. ASME I, ASME Code Sec II, ASME Code Sec V, ASME Code Sec IX, ASME/ANSI B31.1, ASME/ANSI B31.3, AWS D1.1 and API 653 & API 1104.
- Project experience:
 - Revamping of Heater 10H-1in the Coker unit by contractor (Petrojet) and supplier (Kirchner Italy).
 - Construction of fired heater 2F-2 in the crude distillation unit by

contractor (Petrojet) and supplier (Kirchner Italy).

- Construction of tanks (F-2), (S-9), (S-10), (S-6) with fixed roof and tank (B-22) with floating roof according to API 650 by Petrojet.
- Construction of 8" pipeline for Gasoline from SOPC to other companies around by Petroment.
- Carrying out all inspection activities In Turnaround shutdowns in Egypt Basics Industrials Corporation (EBIC) & Egyptian Fertilizers Company (EFC).