

Holds a B. Sc. in Mechanical Power Engineering and has about 7 years experience working in QA/QC.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/02/1992
Gender : Male
Marital Status : Married
Residence : Benha, Qalubia

EDUCATION

: B. Sc. in Mechanical Power Engineering, Benha University, 2014

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Certified Welding Inspector (CWI).
- : Certified Maintenance & Reliability professional road map Guidance approved from SMRP.
- : International Computer Driving License (ICDL).
- : Welding Technology and inspection attendance course.
- : Radiographic Testing and Inspection ASNT TC 1A Level II Certificate.
- : Visual Inspection ASNT TC 1A Level II Certificate.
- : Dye penetrant Testing and Inspection ASNT TC1A Level II Certificate.
- : Magnetic Testing and Inspection ASNT TC 1A Level II Certificate.
- : Ultrasonic Testing and Inspection ASNT TC 1A Level II Certificate.
- : 10-hours Occupational Safety & Health course presented by OSHAcademy Authorized training provider (ATP), GTSC.
- : Training: Construction Safety and Health & CMRP.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2022 till now
Employer : Rowad Modern Engineering
Project : Head Office (QA/QC Dept.)
Job title : Senior Mechanical QA/QC Engineer
Job Description : RME Representative for Mechanical Fabrication Work.

Dates : From Sep. 2021 till Jul. 2022
Employer : China National Chemical Engineering No. 16 (CNCEC 16)
Project : Golden Coast for Resorts and Entertainment Project S.A.E (GC)
Job title : Senior Mechanical QA/QC Engineer
Job Description :

- Ensure that discipline work is carried out fully in accordance with project quality standard specified.
- Responsible for all mechanical construction activities.
- Review all Drawing, Material inspection, Traceability & Consumables Receiving inspection & Storage, calibration of all Mechanical and measurement Tools.
- Issue Project ITP.
- Issue Method of Statement for Mechanical Construction.
- Finish all required inspection.
- Pressure Test.
- Release for Civil.
- Collate all relevant documentation for the Project and control its process.

Dates : From May 2020 till Sep. 2021
Employer : NILCON / ANWESHA
Project : Crude Oil Storage Tank - Ras Badran (ø 110 M / jacking system) and Double Deck (floating roof)
Job title : Field Mechanical Quality Engineer
Job Description :

- Ensure that discipline work is carried out fully in accordance with project quality standard specified.
- Responsible for all mechanical construction activities.
- Review all Drawing, Material inspection, Traceability & Consumables Receiving inspection & Storage, calibration of all Mechanical and measurement Tools.
- Review all WPS and electrode storing and handling.
- Welding preparation from fit up and welder ID till Visual and other NDT tests.
- Check that all work is carried out according to Project Specifications & approved procedures with effective application of ITP.
- Calibration of welding machines & heating furnaces.
- Issue Weld Map & RT Map of (Crude oil Tank) According to API 650 & ASME IX.
- Make welding sequence of each tank for bottom, shell & roof plates to avoid distortion.
- Assure Welding & Inspection procedures are compliant to code and Client requirements.

- Dimension check & fit up of Annular, Bottom & Sketch plates.
- Welder Qualification with conformance the applicable codes and standers.
- Preparation and qualification WQT (Welder Qualifications Test).
- Dimension check & Fit up of shell Courses.
- Roundness, plumpness, peaking & banding of tank shell.
- Orientation & Elevation of nozzles & manholes.
- Roof fit up, Wind girders, curb angles welding & inspection.
- Pre-weld inspection & verification that dimensions fit up and welding preparations are in accordance with the engineering drawings.
- Apply NDT According to API 650 & ASME IX & ASME V.
- RT films interpretation and preparation of relevant RT reports.
- Collate all relevant documentation for the job and apply the data to creation of test pack to undertake pre-hydro test inspection activity.

Dates	:	From Sep. 2018 till May 2020
Employer	:	Orascom (Main contractor)
Project	:	ASSIUT SUPERCRITICAL POWER PLANT (1x650MW) STEAM POWER STATION
Job title	:	Field Mechanical Quality Engineer
Job Description	:	<ul style="list-style-type: none"> • Scope: Erection of STG & control Building steel structure, Pumps, and Tarnos™ Traveling water screen system. • Ensure that discipline work is carried out fully in accordance with project quality standard specified. • Responsible for all mechanical construction activities. • Review all Drawing, Random inspection of material, calibration of all Mechanical and measurement Tools. • Check all civil work and anchor bolt position. • Review all WPS and electrode storing and handling. • Welding preparation from fit up and welder ID till Visual and other NDT tests. • Traveling water screen Area: <ul style="list-style-type: none"> - Check all civil opining. - Check alignment of guide plates for stop logs. - Check erection of washing pump. - Verify all component of TWS & Stop logs and bar screen erected as per specs. - Verify applying all required tests. - Check erection of gantry and semi gantry crane. • Steel structure Area: <ul style="list-style-type: none"> - Check steel structure level and alignment. - Check all bolt torque. - Create punch list. - Control of fire proof Painting of control building. - Cladding of STG and Control building. - Touch up and cleaning for hand over.

Dates : From Jan. 2017 till Sep. 2018
Employer : Orascom (Main contractor)
Project : ASSIUT COMBINED CYCLE ADD-ON PROJECT 500MW
Job title : Field Mechanical Quality Engineer
Job Description :

- Scope: Installing GE™ steam turbine, HRSG and SPIG™ Air Cooling Condensate system.
- Ensure that discipline work is carried out fully in accordance with project quality standard specified.
- Responsible for all mechanical construction activities (HRSG - Piping - pumps - steel structure - steam turbine generator).
- Review all Drawing and GE Manual, Random inspection of material, calibration of all Mechanical and measurement Tools, the way of storing and handling (tools - grease - oil - material) and preparing Turbine and Generator ITP.
- Steam Turbine Area:
 - Check and Confirm that all adjusting device (fixators) are in its location and elevation and work properly with no damage in its material.
 - Witness on all site installation (fixator - bearing - casing - diaphragms - rotors - sealing - HP turbine - generator - cross over - all connections - turbine skid - keys).
 - Check every part on its location according to Drawing and approved clearance.
 - Check the alignment of LP rotor with diaphragms by Digital Device (ERAG) and check levelness of diaphragms (Joint check) and Horn drop check.
 - Apply all tests according to GE Manual with GE TA.
 - Check all dimension and clearance for all connection and all flange parallelism.
 - Verify load test on HP & LP turbine.
 - Check pre- & final alignment for rotor coupling with dial indicator.
 - Document all alignment, clearance data, torque value and all dimensions.
- HRSG Area:
 - Responsible for arranging the receipt of work from civil department to mechanical department.
 - Install boiler's Pressure parts for all of (8) HRSG and aligned (16) recirculating pumps alignment.
 - Monitor and control the welders and welding activities for different casing material.
 - Control and make the required to piping installation, fit up inspection, welding according to approved WPS, NDT and PWHT, welding summary and test package.
 - Deal with various material of P NO. (P15E, P5A, P4) and various codes (ASME I, ASME IX, ASME B31.1, AWS).

Dates : From Apr. 2016 till Jan. 2017
Employer : Petrojet (Main contractor)
Project : EPC of Gasoil Tanks, LPG Tanks and Related Infrastructure

- Job title** : Field Mechanical Quality Engineer
- Job Description** :
- Scope: Installing Gasoil & LPG tanks and related infrastructure.
 - Material inspection, Traceability & Consumables Receiving inspection & Storage.
 - Calibration of welding machines & heating furnaces.
 - Issue Weld Map & RT Map of (gas oil & LPG Tank) According to API 650 & API 620 & ASME IX.
 - Make welding sequence of each tank for bottom, shell & roof plates to avoid distortion.
 - Dimension check & Fit up of Annular, Bottom & Sketch plates.
 - Preparation and monitoring welding procedure Specification (WPS, PQR).
 - Welder Qualification with conformance the applicable codes and standers.
 - Preparation and qualification WQT (Welder Qualifications Test).
 - Dimension check & Fit Up of shell Courses.
 - Roundness, plumpness, peaking & banding of tank shell.
 - Orientation & Elevation of nozzles & manholes.
 - Roof fit up, Wind girders, curb angles welding & inspection.
 - Pre-weld inspection & verification that dimensions fit up and welding preparations are in accordance with the engineering drawings.
 - Assure Welding & Inspection procedures are compliant to code and Client requirements.
 - Apply NDT According to API 650 & API 620 & ASME IX.
 - RT films interpretation and preparation of relevant RT reports.
 - Check that all work is carried out according to Project Specifications & approved procedures with effective application of ITP.
- Field of experience** :
- Senior Mechanical QA/QC Engineer.
 - Years of Experience: 7+ (RME & CNCEC16 & Orascom & Petrojet).
 - Power Plant – Oil & Gas.
 - Skills: Rotating & static equipment - Steam turbine - Pumps - Piping - HRSG - Tanks - ASME - Welding - AWS - API - Documentation - ITP - steel structure - NDT - using mechanical & welding inspection tools - alignment activity - issue (NCR – Punch list) - material receiving - welder tests - weld summery & test pack.
 - Responsible for all aspects related to project quality control:
 - Completion of necessary documentation to verify the work performed (WPS, WPQ).
 - Ensuring that inspection requests are implemented.
 - Ensuring that all tests reports are verified to meet the contract requirements.
 - Issue and administer non-conformance reports as necessary and ensure follow up.
 - Responsible for overseeing / auditing of subcontractor quality management systems.
 - Controlling all inspection activities on site (welding inspections, testing the welder, dimensional survey, NDE operation).
 - Check welding equipment, weld preparation, fit up, cleanliness, preheat, interpass cleaning, PWHT, electrode storage and handling

...ETC.

- Carry out the inspection as per approved ITP, check sheets and related procedures.
- Review company specifications, drawings, method statement, maintain daily reports and log of daily activities.
- Familiar preparation of weld map.
- Regular and timely raised RFI to witness and verify technical.
- Collate all relevant documentation for the job and apply the data to creation of test pack to undertake pre-hydro test inspection activity.