

Holds a B. Sc. in Mechanical Power Engineering and has over 20 years of experience in construction, Quality Control and Assurance field. Working in mega power, oil & gas and infrastructure projects. Considerable different experience with EPC / EPCM contracts and multi packages with different multinational / local companies.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Married
Residence : Currently UAE

EDUCATION

: B. Sc. in Mechanical Power Engineering, Cairo University, 2004

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Certified Lead Auditor ISO 9001:2008.
: Certified CSWIP 3.1 Welding Inspector (Certificate No. 32585).
: Certified NDT Level II (PT, MT, RT, UT).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2024 till now
Employer : PGESCO
Project : Jebel Ali KIII Power Station Project (UAE)
Job title : Lead QA/QC Engineer
Job Description :

- Responsible for achieving high quality during the construction phase.
- Approving the agreed work considering the technical specification, standard codes and industrial rules.
- Evaluate the contractor 's performance.

- Responsible for ALL QA / QC activities including Pressure Tests, NDT and heat treatment.
- Responsible for inspection the delivered material including critical piping and valves according to material certificate, codes and standards.
- Responsible for supervision on piping fabrication and mechanical equipment installation.
- Responsible for supervision and inspection of tanks installation including plumpness, roundness and verticality.
- Inspection for all stages of turbine installation.
- Responsible to prepare the piping and equipment 's punch list and follow up the closing of all its points.

Dates : From Jun. 2021 till Sep. 2024
Employer : PGESCO
Project : Hayah Karima Project
Job title : Project Area Coordinator
Job Description :

- Manage team of engineers to follow up and inspect all the construction activity as per project specification and requirements.
- Responsible for assigning tasks to team members, providing guidance and support, and ensuring that team members have the resources and support what they need to complete their work.
- Coordinate and communicate between the client and Governmental entities, ensuring the project is delivered to their satisfaction.
- Ensuring the scope and schedule of projects are achievable within the given time and budget.
- Responsible to keep clients informed about the progress of their projects, address any concerns or issues that may arise, and provide regular updates on the status of the project.

Dates : From Sep. 2018 till May 2021
Employer : PGESCO
Project : Cairo West Supercritical Thermal Power Station
Job title : Lead Mechanical Construction Engineer
Job Description :

- Supervision for construction Activities (Boiler & BOP & Steam Turbine & HVAC & Water treatment and tanks).
- Responsible for achieving high quality during the construction phase).
- Fit the construction activities with the time schedule.
- Approving the agreed work in light of the technical specification, standard codes and industrial rules.
- Evaluate the contractor 's performance.
- Responsible for ALL QA/QC activities including Pressure Tests, NDT and heat treatment.
- Responsible for inspection the delivered material including critical piping and valves according to material certificate, codes and standards.
- Responsible for supervision on piping fabrication and mechanical equipment installation.
- Responsible for HVAC systems included (Package unit & chilled water system & VAV and duct works).
- Responsible for supervision and inspection of tanks installation including

plumpness, roundness and verticality.

- Inspection for all stages of turbine installation including turbine alignment.

Dates : From Jan. 2017 till Aug. 2018
Employer : Techint
Project : South Helwan Supercritical Thermal Power Station
Job title : Lead QA/QC Engineer
Job Description :

- Supervise the quality control activities of a project including the quality inspection schedules and the collections of quality records.
- Verify that the quality related site activities are in accordance with the applicable codes and standards.
- Coordinate all the site quality inspection through site QC inspectors.
- Coordinate with customer representative on all quality matters.
- Supervise inspections, reports and documentations issued by inspectors and collect & file the required quality records.
- Allocate quality control personnel to the various areas of site activity.
- Verify and document that all materials / equipment 's received for the project are in conformance with the approved submittals, are handled and stored appropriately, and are acceptable for use in the project, check for damaged and defective materials and address.
- Ensure that all construction activities undertaken as per approved drawing / method of statement and ITP 's.
- Issuing non-conformance reports (NCRs) and follow up for appropriate corrective and preventive actions.
- Preparing and reviewing welding procedure specification (WPS) & procedure qualification record (PQR) and welder' s qualification test.
- Coordinate all non-destructive testing (NDT) in site.
- Reviewing all calibration certificates for QC and fabrication tools.
- Supervise the inspection for piping installation including piping fit up, welding, PWHT and pressure test.
- Coordinate test package preparation and final handover documentation activities to ensure smooth handover.
- Ensure the quality records, acceptance certificates, mechanical completion certificates and the documentation for specific system and areas are prepared and collated in accordance with project specifications.
- Monitor and control the status of punch list and exception lists relevant to quality dossiers.

Dates : From May 2015 till Dec. 2016
Employer : PGESCO
Project : Suez Thermal Power Station
Job title : Sr. Mechanical Construction Engineer
Job Description :

- Supervision for construction Activities (Boiler & BOP & Steam Turbine & HVAC & Water treatment and tanks).
- Responsible for achieving high quality during the construction phase).
- Fit the construction activities with the time schedule.
- Approving the agreed work considering the technical specification,

standard codes and industrial rules.

- Evaluate the contractor 's performance.
- Responsible for ALL QA/QC activities including Pressure Tests, NDT and heat treatment.
- Responsible for inspection the delivered material including critical piping and valves according to material certificate, codes and standards.
- Responsible for supervision on piping fabrication and mechanical equipment installation.
- Responsible for HVAC systems included (Package unit & chilled water system & VAV and duct works).
- Responsible for supervision and inspection of tanks installation including plumpness, roundness and verticality.
- Inspection for all stages of turbine installation including turbine alignment.

Dates	:	From Apr. 2012 till Apr. 2015
Employer	:	Mitsubishi Hitachi Power System (MHPS)
Project	:	El Ain El Sokhna Supercritical Thermal Power Station
Job title	:	Site QA/QC Manager
Job Description	:	• Monitor for the implementation of QA/QC system and quality plan on site. • Supervise the quality control activities of a project including the quality inspection schedules and the collections of quality records. • Verify that the quality related site activities are in accordance with the applicable codes and standards. • Developing and review company quality procedures, standards and specification. • Distribute relevant QA/QC documentation to site subcontractors. • Coordinate all the site quality inspection through site QC inspectors. • Coordinate with customer representative on all quality matters. • Attend management meetings and present quality metrics including NCRs, customer complaints and pending inspection points. • Coordinate and chair site QA/QC weekly meetings with the project subcontractor's QC personnel or QC inspectors. • Preparing QA/QC weekly report and submitted to the client. • Supervise inspections, reports and documentations issued by inspectors and collect & file the required quality records. • Allocate quality control personnel to the various areas of site activity. • Verify and document that all materials / equipment 's received for the project are in conformance with the approved submittals, are handled and stored appropriately, and are acceptable for use in the project, check for damaged and defective materials and address. • Ensure that all construction activities undertaken as per approved drawing / method of statement and ITP 's. • Issuing non – conformance reports (NCRs) and follow up for appropriate corrective and preventive actions. • Preparing and reviewing welding procedure specification (WPS) & procedure qualification record (PQR) and welder' s qualification test. • Coordinate all nondestructive testing (NDT) in site. • Reviewing all calibration certificates for QC and fabrication tools.

- Supervise the inspection for piping installation including piping fit up, welding, PWHT and pressure test.
- Coordinate test package preparation and final handover documentation activities to ensure smooth handover.
- Ensure the quality records, acceptance certificates, mechanical completion certificates and the documentation for specific system and areas are prepared and collated in accordance with project specifications.
- Assist the site subcontractors to compile turnover dossiers.
- Monitor and control the status of punch list and exception lists relevant to quality dossiers.

Dates : From Dec. 2010 till Mar. 2012

Employer : Kharafi National

Project : El-Shabab Station

Job title : Sr. QA/QC Engineer

Job Description :

- Responsible for inspection of all Erection activities of the turbine, Auxiliaries, Inlet and Exhaust air ducting which includes foundation checks, ducts installation and equipment alignment (including gas turbine to generator alignment).
- Review all calibration certificates for QC and fabrication tools.
- Check welding consumables (electrodes, filler wire, shielding and backing gases).
- Performing quality inspection in accordance with the ITP (inspection test plan) and follow up implementation of project ITP.
- Conducting WPS, PQR and wittiness to qualified welders test in accordance applicable codes.
- Plan and supervise subcontractor inspection activities and review QC performance.
- Ensure the welders are using and follow the approved welding procedures.
- Responsible on studying applicable codes, standard and specification to extract the acceptance criteria for welding and requirement of NDT & preheat and PWHT operation.
- Responsible on all QC activities such as incoming material inspection, fabrication inspection, NDT, preheat and PWHT operation, and painting inspection.
- Interpreted and review all NDT report against codes.
- Prepare the piping and equipment 's punch list and follow up the closing of all its points.
- Inspection and wittiness of hydro test preparation and review test package.
- Inspection of installation pump & equipment leveling and alignment.

Dates : From Jun. 2009 till Sep. 2010

Employer : Initec Energia

Project : El-Kureimat III CCPP

Job title : Sr. QA/QC Engineer

Dates : From Oct. 2008 till May 2009
Employer : Toshiba Plant System Service Corp. (TPSC)
Project : Sidi Krir CCPP
Job title : QA/QC Engineer

Dates : From Jul. 2007 till Sep. 2008
Employer : CCC
Project : Rabigh Independent Water, Steam & Power Station
Job title : QA/QC Engineer

Dates : From Jan. 2007 till Jun. 2007
Employer : Hitachi Plant Technologies (HPT)
Project : El-Kureimat III CCPP
Job title : QA/QC Engineer

Dates : From Jul. 2006 till Dec. 2006
Employer : DSD
Project : El-Kureimat III CCPP
Job title : QA/QC Engineer

Dates : From Aug. 2004 till May 2006
Employer : Material Engineer Office (MEO)
Job title : Inspection Engineer
Job Description :

- Inspection and reviewed material certificates against codes and project specification.
- Inspection of steel structure and crying out all NDT (dimension check, visual inspection, penetrant test, magnetic test and painting inspection).
- Preparing welding chick list and make all NDT reports.
- Conducting WPS, PQR and wittiness to qualified welders test in accordance applicable codes.
- Responsible on studying applicable codes, standard and specification to extract the acceptance criteria for welding and requirement of NDT & preheat and PWHT operation.
- Assuring that welders are properly qualified before preforming production welding.