**ARUN VARGHESE**

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# OBJECTIVE:

Intend to build a career with leading corporate of hi-tech environment with committed and dedicated people, which will help me to explore myself fully and realize my potential. Willing to work as a key player in challenging and creative environment. To become an integral part of globally reputed firm so that I can utilize my skills and talents for the maximum benefit of the organization.

# EDUCATION:

# B.E (Mechanical Engineering)

Odaiyappa college of Engineering and technology, Theni

**PROFESSIONAL EXPERIENCE:**

* **QA/QC Engineer**

Texas Technical Service Co. Kuwait November 2013 - Present

**Roles and Responsibilities:**

* Assist and prepare project quality construction and installation plan.
* Review site inspection, test plans, site quality procedures and quality method statements.
* Provide technical guidance to the welding inspectors and NDT technicians.
* Develop method statement for the activity including risk assessment and job safety environmental analysis and inspection test plan and checklist based on specifications of the project.
* Taking care of QA/QC documents of the entire project including certificates, calibration, test results, inspection requests, non-compliance reports and site instruction/observations.
* Work by following AWS, ASME, EN, AAMA curtain wall tests and other related standards.
* Train workers in construction methods, operation of equipment, safety procedures and policies.
* Review customer’s specifications/drawings for material and welding requirements to determine the necessary WPS /PQR assuring integrity of welding.
* Develop manufacturing process by designing and modifying equipment for fabricating, building, assembling, and installing components.
* Research, design, evaluate, install, operate, and maintain mechanical products, equipment, systems and processes to meet requirements, applying knowledge of engineering principles.
* Maintain professional and technical knowledge by attending educational workshops; reviewing professional publications; establishing personal networks; participating in professional societies.
* Monitor welding activities including verifying the equipment calibration, consumables and weather conditions at site. Assist the site safety team to ensure compliance with company safety objectives.
* Participate in internal audits of department, giving corrective actions and clearing NCR if any.
* **Insulation engineer**

Heinrich Tapp Co. Kuwait.

**Roles and Responsibilities:**

* Attend pre inspection meeting.
* Material verification by reviewing the MTC’s and carrying out material inspection for traceability, dimensions and surface quality.
* Fit up, final dimensional and welding activity inspections at various stages of structural steel components, tanks and pipes as per respective standards and specifications.
* Monitor sampling of material for laboratory test.
* Supervise various laboratory tests for material compliance with client’s requirements and witnessing test coupons test in laboratory as per ASME IX/AWS D1.1 for WPS and WQT
* Supervise WQT, and review of WPS/PQR as per ASME IX/AWS D1.1 requirements
* Monitor NDT and tightening torque inspection for bolts and bend or hammer test for shear studs.
* Review contract specifications/technical requirements, drawings etc.
* Review inspection and test plan in accordance with international codes and standards.
* Review project weld drawing, weld and welding procedure specification.
* Review and witness WPS, PQR, welders and welding operator qualification.
* Overall quality control project responsibility such as interaction and co-ordination with clients and NDT in process inspection verification stage from material identification.
* Review of NDT reports and witness of NDT inspection.
* Supervise water penetration test, air infiltration test, and static air pressure test and prepare the inspection report as per the specification and standards.

# PROJECTS HANDLED:

**Project:** Sheikh Abdullah Al Salem Culture Centre

**Main Contractor:** Al Ghanim International; **Sub-Contractor:** Kharafi Steel

**Position:** QA/QC ENGINEER

**Roles:**

* Conduct welding performance and performer qualifications.
* Fit up inspection and final inspection of welding on structural components with respect to approved drawings and structural steel, welding code AWS D1.1.
* Supervise NDE tests and verifying the reports.
* Monitor stud welding qualification and test.
* Monitor laboratory test of verifying the material as per the request from the client

**Project:** New Jahra Hospital

**Main Contractor:** M.A Kharafi; Sub**-Contractor:** Kharafi Steel

**Position:** QA/QC ENGINEER

**Roles:**

* Material inspection of steel section, welding consumables and review the mill test certificates.
* Conduct welding performance and welder qualification
* Fabrication – fit up and dimensional inspection.
* Weld visual and final dimensional inspection on each unit
* Witnessing NDE and review reports

**Project:** College of Science and Faculty Club, (Men’s and Women’s Campus)

**Client:** Kuwait University

**Contractor:** Metallurgical Cooperation of China – Kharafi Steel Joint Venture; Wuhan Lingyun Building Decoration Engineering Co., Ltd

**Position:** QA/QC ENGINEER

**Roless:**

* Monitor welding activities.
* Weld visual inspection and monitor magnetic particle and ultrasonic tests on welded joints.
* Monitor bolt tightening torque inspection
* Monitor shear stud bolt inspection

**Project**: AZ-ZOUR KW1008 Power Plant Project

**Client**: Alghanim International Co.: **Contractor**: Heinrich Tapp

**Position**: Assistant insulation Engineer

**Roles:**

* Directly supervise and coordinate activities of construction workers.
* Monitor work progress equipment to verify safety and ensure that specifications are met.
* Read specifications such as blue prints to determine construction requirements and to plan procedures. Assign work to employees based on material or worker requirements of specific jobs.

**Project:** College of Business, (Men’s and Women’s Campus)

**Client:** Kuwait University: **Contractor:** Metal center co.

**Position:** Third party inspector

**Roles:**

* Scaffolding fitness test
* Witnessing load test for suspended platforms. .
* Weld visual and witnessing magnetic particle inspection carried out on the glass panels.
* Final dimensional and surface finish examination

**Project:** The Jamal Abdul Nasser Project (RA 167)

**Owner:** Ministry of Public Works (MPW) : **Contractor:** Rizzani De Eccher-OHL-Boodai-Trevi Joint Venture (ROBT)

**Position**: QA/QC ENGINEER

**Main duties:**

* Coordinate with clients for NDT and weld visual inspection.
* Review of inspection and test plan, all stages of inspection, dimensional inspection, welding inspection, final visual inspection and NDT (MPI) for all supporting steel structure from piling to pillar for the entire project.
* Documentation of inspection reports.

**Project:** NBK Head Quarter

**Main Contractor:** Ahmadiah Contracting CO: **Sub-Contractor:** JANGHO CO

**Position:** QA/QC ENGINEER

**Main duties:**

* Material inspection of steel section and welding consumables and reviewing the mill test certificates.
* Conducting welding performance and welder qualification.
* Fabrication fit up and dimensional inspection.
* Weld visual and final dimensional inspection on each unit and monitor NDE and review reports.

# TECHNICAL SKILSS:

* MS-Office, Excel and MS word.
* Good Team Work

# PERSONAL PROFILE:

**Date of Birth:** 6th June1991

**Nationality:** Indian

**Sex:** Male

**Nationality:** Indian

**Marital Status:** Single

**Languages:** Malayalam, English, Hindi (complete LSRW)