

CURRICULUM VITAE

Balaji Shankar Karale

Address: A/P Bholapathar, Tal: Jiwati, Dist: Chandrapur, Maharashtra-442908

Phone: +91-7350057735

Email: bsskarale88@gmail.com

EDUCATIONAL QUALIFICATIONS:

QUALIFICATION	UNIVERSITY/BOARD	YEAR OF PASSING	RESULT
B.E. (Mechanical Engg.)	B.A.M.U. Aurangabad	2017	74.33%
DIPLOMA (Mechanical Engg.)	Govt. Polytechnics, Brahmapuri	2014	72.17%
H.S.C.	Maharashtra State Board	2011	66.67%
S.S.C	Maharashtra State Board	2009	84.92%

WORK EXPERIENCE: (CGD in Client & Cross Country Pipeline).

Organization: Atlantic Gulf & Pacific Company (AG&P).

Designation: Project Engineer

Duration: March 2020 to till date

Projects:

- CGD Project at GA10.01_ Anantapur & YSR Kadapa.

KEY JOB RESPONSIBILITIES:

- Conducting route survey and Household Potential survey of PE pipeline.
- Conducting Reconnaissance survey and to verify & confirm most feasible route for detailed engineering survey for laying the steel pipeline.
- Plan drawing, survey report and design clearance of domestic extension sites.
- To Prepare Bill of Materials (BOM) for MDPE & Steel as per project plan.
- To review SOR (Schedule of rate) at GA level, Contractors performance evaluation, documentation and billing
- Various Permission is applied, obtained and work is started after confirmation of various documentations against each permissions.
- Arraigning the Material as per the PE/Steel Laying plan in line with business plans.
- To make SOW (Schedule of work) and implantation strategy for target achievement.
- Site visit is jointly undertaken with contractor's supervisor to Finalize the route & methodology for the laying the pipeline.
- Coordination with consultant, contractor for smooth workpiece.

- Prepare the all documents for applying the permission of various department & to take Permission of concerned department like Municipal corporation /Nagar Parishad/Gram Panchayat / NHAI/PWD/R&B/Railway /Irrigation department etc.
- Concerned utility departments are intimated regarding the pipeline work to avoid the damage to the existing utilities.
- Daily Site plan is prepared considering planned daily activities by contractor on respective day.
- Checking and certification Bills against the work done are received from contractor.
- Ensure that after/during the laying of PE pipe, EF jointing is carried out as per the Guideline for PE pipe jointing and Welding Joint Report is prepared by Contractor supervisor / welder. Site incharge/ TPI/ Contract engineer as per quality assurance plan.
- To monitor and review various welding procedures like Electrofusion welding, SMAW and Soldering.
- Material Planning and reconciliation of free issue material.
- Execution of project as per the targets, schedule. And scope of work. Supervision, Progress monitoring, Control of quality and assessment of resources for completion of project.
- Review and approval of project schedules of the vendors, ensure availability of materials as per the schedules, Identifying the slippages, allocation of PNG connections, Materials, drawings etc.
- To monitor Installation, Laying, Flushing, Nitrogen purging, Testing (Pneumatic & Hydro) and commissioning of Steel, MDPE and GI network.
- Ensure that the contractor/vendor to meet HSE Standards and specifications as per codes, target for zero accidents while execution of project.
- Co-ordinaration with the vendor for submission of HSE accident free man-hour periodically.

Organization: [Anchor Offshore Service Limited.](#)

Designation: [Inspection Engineer, IGL.](#)

Duration: Dec-2019 to Feb 2020

Projects:

- CGD Karnal GA pipeline 12'' & 8'' & 4'' dia 52 KM of Indraprastha Gas Limited (**IGL**).

KEY JOB RESPONSIBILITIES:

- To check out defects in welding by weld visual further by NDT methods.
- Review & Witness of Radiography Films.
- Conducting procedure qualification test like EQT, WPS, WQT & PQT etc.
- Review of Quality Assurance Plans. Using codes- ASME SEC V. ASME SEC IX, ASME SEC II, ASME B 31.8 API 1104.

- Fit-up checking and visual inspection of all piping welding works from pre fabrication to field installation.
- Inspection & Witness of all activities prior, during, and after like Welding, Coating, trenching, Lowering, Backfilling, which include material check, qualification and welding equipment's.
- Monitoring the HDD activities as per Profile Drawing & Quality System Procedure and conducting inspection of pilot drilling, reaming and performing inspection as per standard specification.
- Checking and certification of pipe-book.
- Checking and certification Bills against the work done are received from contractor.

Organization: Likhitha Infrastructure Pvt. Ltd, Hyderabad.

Designation: Site Engineer.

Duration: May-2018 to Nov-2019

Projects:

- Dobhi-Durgapur Natural Gas Pipeline Project 12" dia. 123 KM of **GAIL India Limited**.
- CGD Rewari GA pipeline 12" & 8" dia. 27 KM of Indraprastha Gas Limited (**IGL**).

Project & Construction Management:

- Understanding project scope of work, participating in technical discussion & advising on the selection of equipment; ensuring compliance with the prescribed company, clients.
- Heading all activities including providing technical inputs for methodologies; expediting production schedules and evaluating work reports.
- Supervising the preparation of the site related work dossier for the project; providing assistance for document turnover and transmittal during project completion.

Welding Operations:

- Monitoring the welding activities as per WPS,& Quality System Procedure and witnessing Welder Qualification Test for welders; conducting inspection of fit up and performing weld visual inspection as per code specification.
- Ensuring quality control of welding procedures, including consumables, parameters, purge control, preheating and inter pass temperature control, etc.

HDD Operations:

- Monitoring the HDD activities as per Profile Drawing & Quality System Procedure and conducting inspection of pilot drilling, reaming and performing inspection as per standard specification.

Technical Skills:

- Engineering and construction drawings, specifications, work procedures, familiar with international standards such as AWS, ANSI, ASME, ASTM, API, and ASNT. Etc.

- Expertise in Welding Inspection, Piping Inspection, NDT Inspection, Blasting & Painting inspection, Hydro & Pneumatic Test Inspection, conducting/Witness of Electrode qualification test (EQT) Procedure Qualification Test (PQT), Welder qualification test (WQT) and implementing Quality Control Procedure.

IT Skills: MS Office, Oracle & Internet Applications.

Certificate: ASNT LEVEL- 2 Certificate (RT, UT, MPT, DPT,).
Technical Certification program on City gas Distribution.

.PERSONAL DETAILS:

Date of Birth: 03rd July, 1993 **Gender:** Male **Marital Status:** Married
Languages Known: English, Marathi, Hindi.