

SIDDHARTH KUMAR PADHI

Pipeline Engineer

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Summary

Offering over with 7+ years of experience as a Pipeline Engineer in Oil and Gas, Petrochemicals, Natural Gas Transmission, Pipeline and Piping Projects (Cross Country and cgd projects), Gas Plant Project Construction as a Pipeline/Piping Engineer coupled with strong leadership and communication skills to contribute in achieving organization's long-term goal.

To Make Proper Execution Planning & Scheduling and manage the manpower for priority basis work and try to finish the work within project commencement date and Ensuring the project meets requirements & objectives.

Responsible for quality control and quality analysis of various activities (mechanical) associated with Cross-country Pipe-line Projects. Involved in preparation of MPR/WPR/DPR and data for MIS.

Also, I have gained experience Implementation of project quality requirements at site and preparation and approval of required QAP, ITPs, WPSs, and PQRs. Well experienced, good exposure in welding techniques and processes like SMAW, GTAW, GMAW, FCAW.

Education

BE – Mechanical Engineering from Roland Institute of Technology, BPUT University, Odisha.

Registrations/Affiliations

ASNT NDT Level II in Radiography Testing, Ultrasonic Testing, Dye Penetrant Testing, Magnetic Testing

Experience Details

JUNE 2020 - Present Worley Services India Pvt. Ltd.

JUNE 2020 – present: Quality Control Inspector Mechanical (EPMC)

Client Name : HPCL

Project Name : HASSAN-CHERAPALLY PIPELINE PROJECT

Roles & Responsibilities:

- Implementation of Project quality requirements as per technical specifications and FQPs.
- Review and approval of Contractor ITP, WPS, Jobs-procedures as per Tender documents and technical specification requirements.
- Monitoring the Welder performance through NDT records to improve the welder skill.
- Setting up of Mechanical procedures as per specification and NDT Procedures for NDT methods (RT, UT, DPT) as per ASME & AWS.
- WPS (Welding Procedure specification) & WPQ (Welder qualification) as per specified Code requirements.
- Inspection of Incoming Materials as per Purchase Order and Applicable Code along with MTC and other Supporting Documents, Co-relate the Item Code, Batch No., Heat No. and check the Approved Vendor List.
- Welding consumables (electrodes/ filler wires, Gases etc.) selection, qualification and approval as per the project requirement.
- Coordination and Expedition of handing over process of System packages from Contractors to Client.

2019-2020 INTERTEK INDIA PVT. LTD.

2019-20 Discipline Mechanical Engineer (Construction Supervision)

Client Name : GSPL INDIA GASNET LTD.

Project Name : MEHSANA BHATINDA PIPELINE PROJECT

Roles & Responsibilities:

- Review of inspection and Test plan (QAP) per QC-Procedure, Client Specification and Approved Drawing.
- Co-ordination with client or Contractor.
- Quality control documentation as per Quality inspection Procedure.
- To ensure related activities are carried out in accordance with project specifications.
- Carefully study the engineering drawing of fabrication, erection and P&ID, Isometrics for understand of work area and pending work analysis.
- Conducting NDT method in site and RT, UT, LPT, MPT inspection as per IS & ASME Standard and Acceptability criteria as per standard codes.
- Witnessed various welding process SMAW, GTAW, FCAW, GMAW along with all respective WPS, WQT as per code and TS.
- Checking Dimension as per standard with Different measuring Instrument and Different type of GO and No-Go Gauges.
- Monitored documentation of work carried out IN **PIMS** and maintaining them in properly, Different protocol of floor hand over and axis hand over protocols, Reconciliation of Raw material and stock report of Raw materials.
- Welding inspections, WPS qualification & Destructive Testing (Witness) as per ASME Sec-IX
- Welding Inspection of API pipeline as per API 1104 and TS
- Witnessed Pipe Stringing, Welding, NDT, Field Joint Coating and Holiday test.
- Witnessed Pre-commissioning (Nitrogen Purging) & Commissioning activities.

Witnessed Pre-& Post Hydro testing, Main line Hydro test, Swabbing & Drying. Witnessed Pre-Commissioning (Nitrogen Purging) and commissioning activities.

- Reviewing TC's, Calibration certificates of vendors.

2018-2019 **INTERTEK MOODY INTERNATIONAL (INDIA) PVT. LTD.**

2018- 2019 **INSPECTION ENGINEER (Construction Supervision)**
Client Name : GUJARAT GAS LIMITED
Project Name : CGD PROJECTS IN PANCHMAHAL GA

Principal roles:

- Review the project scope, Tender documents, Quality documents, Inspection Test Plan (ITP), Job Procedure and approved drawing.
- Familiar with Codes and Standards such as ASME, API, ASTM, ANSI, ASNT, AWS, CGA, NACE etc.
- Assuring the quality during various stages of pipeline activities.
- Report deficiencies, unsatisfactory work, thefts, vandalism, missing materials and other concerns timely and accurate manner to project manager or client.
- Familiar with personal and general safety requirements in pipeline activities.
- Familiar with work situation that require work permits and permit limitations and restrictions.
- Verification of operator qualification, procedure qualification according to code and standard.
- Ensuring proper depth width and alignment of ditch for correct pipe laying operation.
- Monitor and assess pipe handling, hauling and stringing operations.
- Conducting welding inspection and NDT inspection (RT, UT, MPT, DPT)
- Familiar with welding process SMAW, GTAW.
- Inspection of corrosion control requirements such as pipe coating and CP as per standard and company specification.
- Executing the lowering operation and ensuring the pipeline cleaning process for hydrostatics test.
- Witnessing and assuring of Hydrostatics testing as per code, standard and specification.
- Assuring the swabbing, moisture removing (Drying) and Commissioning activities are meeting the company requirement.
- Verifying the documentation process and complete all requirements.

2017- 2018 **Ario Infra Pvt. Ltd.**
Pipe-line Engineer (Contractor End)
Client Name: GGL
Project Name: VARIOUS CGD PROJECTS ACROSS GUJARAT

Principal roles:

- WQT, WPS & EQT Test Activity.
- Verification and submission of inspection report to the Third-Party Agencies.
- Weld Visual and offer for NDT.
- Inspection includes material Identification (MRIR).
- Inspection of Trenching, Stringing, Laying, Welding, Joint Coating, Radiography Test of Pipeline.
- Non-Destructive Testing (RT, UT, DPT, MPT) result and maintaining records.

- Inspection of joints fit up, alignment and dimensional accuracy as per drawing requirements.
- Co-ordination with client or Contractor.
- Interpretation of Isometric drawings and Weld maps.
- Quality control documentation as per Quality inspection Procedure.
- To ensure related activities are carried out in accordance with project specifications.
- Preparation of QC Report.
- Inspection of Lowering with proper depth & trench width for proper alignments.
- Line survey for marker and post.
- Visual and dimensional inspection of raw materials, Correlating with the Test Certificates and
- Inspection carried out as per international standards like ASME, ASTM & API etc.
- Conducted of Pre- & Post Hydro test.

2015 – 2017 Katariya Constructions, Bharuch

2013 – 2015 Onix Enclaves Pvt. Ltd.

Pipeline Engineer (Contractor End)

Project Name: VARIOUS Cross country/CGD and Spur line PROJECTS ACROSS GUJARAT/MAHARASTRA

Roles & Responsibilities:

- WQT, WPS & EQT Test Activity.
- Verification and submission of inspection report to the Third-Party Agencies/ PMC and Client.
- Qualification for welder (SMAW, GTAW) & taking clearance from TPI.
- Inspection includes material Identification (MRIR).
- Inspection of Trenching, Stringing, Laying, Welding, Joint Coating, Radiography Test of Pipeline.
- Pipeline Crossing (HDD, Cased Crossing, Manual Boring, Open Cut)
- Non-Destructive Testing (RT, UT, DPT, MPT) result and maintaining records.
- Weld Visual and offer for NDT.
- Inspection of Lowering with proper depth & trench width for proper alignments.
- Line survey for marker Installations.
- Visual and dimensional inspection of raw materials, Correlating with the Test Certificates,
- Reviewing the MTC's with respect of QAP /Client specification.
- Inspection carried out as per international standards like ASME, ASTM & API
- Witnessing of Pre- & Post Hydro, Pneumatic, leaking testing, Testing & Commissioning

Languages:

English [R/W/S]

Hindi [R/W/S]

Odia[R/W/S]

Employment History:

- June/2020- till date : Worley (**Current CTC-7.34 LPA**)
- Nov/2019- June/2020 : INTERTEK INDIA PVT. LTD.
- Jan/2018- Nov/2019 : INTERTEK MOODY INTERNATIONAL (INDIA) PVT. LTD.
- March/2017- Dec/2017 : Ario Infra Pvt. Ltd.
- March/2015 - Jan/2017 : Katariya Constructions, Bharuch.
- Dec/2013 - Feb/2015 : Onix Enclaves Pvt. Ltd.