

ABHISHEK CHANDAN
SITE ENGINEER (PMC)
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OBJECTIVE:

“Secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the company.”

PROFESSIONAL QUALIFICATION:

Degree in **Electronics & Communication** from “**Aryabhata college of Engineering and Technology**”
(Baghpat)

Experience Summary

Total experience of 7.5 Years in Gas Distribution of PNG, CNG, Cross Country Pipe Line & Power Sector. Experience in Planning, Execution and Control of Project milestones related to Gas Distribution of Piped Natural Gas in the area assigned by Client which includes.

Work Experience

1. PMC Company. : TRACTEBEL ENGINEERING PVT LTD. (STEEL & MDPE)

Client : INDIAN OIL CORPORATION LTD. BOKARO
Duration : 05 MARCH 2020 to Present
Description : Working as Site engineer (PMC).

CITY GAS DISTRIBUTION PROJECTS WORK

STEEL PIPELINE MAIN LINE NETWORK ACTIVITY:-

- **Laying and construction of 12”& 8”Steel Gas pipeline network and associated works at Bokaro-Jharkhand**
- Significant experience in **planning, executing and managing and inspection** of Pipelines projects.
- Good Understanding of **Modern construction methodologies** in compliance with International and Indian Quality Standards.
- Ensuring activity of Carbon **steel pipe** API 5L Grade B ,SA106, as Pipe Fit-up accuracy ,welding-SMAW Process/Pre-hydro/Sand Blasting/LPE Coating/Holiday Testing/laying of pipe and Post-Hydro.
- **Cathodic Protection-** is most critical activity which helps to maintain integrity of Pipeline. It involves round the clock monitoring of parameters like Pipe to Soil Potential (PSP), Maintenance of Transformer Rectifier Unit (TRU).Installation of TLP. Installation & maintenance **Anode Bed, Kirk Cell maintenance, Installation of Permanent Reference Cell**, Different Types of Welding like **Cad welding**
- DRS Connectivity- Line alignment, Valve positioning, Pipe-supports and Mdpe pipe inlet connectivity
- Inspection & monitoring of all welding activities prior, during, and after, which include material check, qualification and welding equipment.
- Having Experience of Preparing DPR, Pipe book & all reports and Job Procedures for all Mechanical & Electrical activities.
- Excellent Understanding in handling Projects, Operation and Maintenance of Field Regulating System (FRS), (DRS) skids Installation.
- Laying of pipeline by trenchless (HDD) and open cut methods

- Experience in planning, execution and control of project milestones related to Gas distribution.
- Formulating, maintaining and updating project schedule, preparation of DPR and resource allocation, scheduling and planning. □Geographical area survey with respect to present network.
- Preparation of layouts for approval from Government authorities.
- Taking follow up from concern departments for permission.
- Supervising the work and get the work done as per the guidelines of PNGRB and as per the terms and conditions mentioned in Tender Documents.

CNG NETWORK ACTIVITY:-

- Ensuring round the clock safe and smooth operation if CNG facilities in filling station.
- Ensuring Optimum Performance of all equipment & technical support to all concerned.
- Planning, organization and supervising Operation and Maintenance (O&M) for all Natural Gas equipment at CNG filling station : Including Compressor, dispenser, Mobile & Stationary Cascade.
- Managing LCV & CNG bulk transfer from LCV to Booster.
- Maintenance & Installation of Motors, HT/LT Panels, Transformers, Battery Bank, UPS, New Earth pit installation & maintenance work done etc.
- CNG Safety & Product awareness Campaign for dealers & Customers.
- Up gradation of CNG fueling station & planning oversee execution & Commissioning: - Dispenser Installation, High Pressure underground SS tubing.
- Installation & Commissioned of DBS (250 SCMH) CNG station.
- Installation & Commissioned of OLS 600 &1200 (Electric driven) SCMH (Online station) & MS 1200 (GAS Driven) SCMH (Mother Station).
- Hydrostatic & Pneumatic testing of SS tubing.

CGS (City Gas Station) Network Activity:-

- Preparation of detailed planning drawing with respect to existing network in allocated area.
- Maintaining the co-ordination for execution of work as per the approved drawing and standards.
- Checking the minimum tools & tackled available on site along with calibration certificates of the same.
- Having Experience of Preparing DPR, Cement Register, Cube Test Register, and Pour Card, Pipe book & all reports and Job Procedures for all Civil/Mechanical & Electrical activities.
- Installation & Commissioned of Motors, HT/LT Panels, Transformers, Battery Bank, UPS, and New Earth pit, Gas Detector, Fire Alarm, Camera installation & Field Lighting installation & Commissioned work done etc.
- Finalize layouts and drawings required by statutory authorities.
- Coordinate with other engineering sections & Contractor for all technical issues.
- Road Work, Soak Pit Tank, Septic Tank & rain water harvesting work at CGS.
- Basic Structure, Bar Banding Schedule & Material Estimation.
- Compressive Strength Check of Cube and Brick.
- Handled cost-of-materials estimations, report and document tracking, project documentation, on-site project visits, invoice/agreement verification and building permit applications.
- Conduct Inspection and Checking on site work.
- Installation of LT Transformer (100 KVA).
- Installation & Commissioned all Station Piping works.
- Installation & Commissioned **Check Meter, Skid Meter & Odorization unit.**
- IJ (Insulation Joint) Installation work done.
- All Activity work done related at CGS(City Gas Station)

MDPE & GI PIPING DOMESTIC NETWORK ACTIVITY:-

- Preparation of detailed planning drawing with respect to existing network in allocated area.
- Household potential survey in planned areas for selection of path MDPE to be laid ,pipe size and location of Service Regulator
- Communicating with society members for registrations along with Marketing Agency (DMA)
- Preparation of proposed loop wise drawing in allocated area, containing MDPE route, location of Service Regulator, getting with approved by AIC, Society chairman and secretary.
- Maintaining the co-ordination for execution of work as per the approved drawing and standards.
- Checking the minimum tools & tackled available on site along with calibration certificates of the same.
- Daily updating DPR FOR MDPE Laying, GI Installation, Meter-Cu, Registration and Conversion.
- Ensuring mention all of these activity are follow as per PNGRB Guidelines with safety
- Route survey of MDPE Pipeline
- Trenching
- Lowering of Pipeline
- Backfilling
- Installation of District Regulating System (DRS) & Flow line Remediation System (FRS).
- Supervision of HDD shot by HDD machine.
- Responsible for safety at site.
- Preparation of daily, weekly and Monthly work plan & Report of Testing, Pre-commissioning and Commissioning Report.
- Restoration Work (RCC, PCC).

2. Company: Sopan O & M Co.Pvt Ltd. (Dec-2017 to March-2020)

- ❖ Pipe Line Maintenance (HMRBPL,HDPL) Haldia Maurigram Rajbandh Barauni Pipe line & Haldia Durga Pipe Line IOCI Maurigram.(April-19 to March-20)
- ❖ Pipe Line Maintenance (PHBPL) Paradip Haldia Barauni Pipe line IOCI Haldia & NRPL Panipat. (December-17 to March-19)
- ❖ **Pipelines Leakag:-**
 - Neptha Pipeline leakage
 - Handling the Pipe Replacement
 - Pipe Lowering work at Different areas
- **Mechanical maintenance:-** Involves preventive maintenance as per schedule; break down maintenance, in order to enhance operation ability of equipment used. **Pipe Lowering, Washout Rectification, ROU Facilities, Casing Extension, Pig Launching and Receiving.(Crude Line, Product Line, Gas Line)** Maintenance of MOV.
- **Cathodic Protection (CP):-** is most critical activity which helps to maintain integrity of Pipeline. It involves round the clock monitoring of parameters like Pipe to Soil Potential (PSP), Maintenance of Transformer Rectifier Unit (TRU).Installation of TLP. Installation & maintenance **Anode Bed, Kirk Cell maintenance, Installation of Permanent Reference Cell**, Different Types of Welding like **Cad welding**,
- **Electrical Maintenance:-** maintenance of Motors, HT/LT Panels, Transformers, Battery Bank, UPS, New Earth pit installation & maintenance work done etc.

- **ROU (Right of User):-**To look after the security and surveillance of pipeline Continuous Monitoring & planning of Strategic areas & security work force through remote CCTV & Security Tracking System. Attended & Rectified the Following.

Client : - Indian Oil Corporation Ltd.

Duration : - **Description:** Worked as Project Incharge

3. Company : Arrvi Encon Pvt. Ltd. (DEC-2016 to Dec-2017)

- ❖ Operation and Maintenance of Awa-Salawas Pipeline (ASPL) Awa Salawas Pipe line, HPCL Jodhpur under Aarvi Encon Pvt.Ltd.
- **Involved in Pipeline Operations:-** Mechanical Maintenance (Pipe Lowering, Washout Rectification, ROU Facilities), Cathodic Protection (CP), Electrical Maintenance, Safety and Security of Pipeline, Preparation of SOP (Standard Operating Procedure).
- **Involved in Terminal Operations:-** Tank Gauging, (Tank Take over and Hand over),TT Loading, TAS (Terminal Automation System) Handling, Tank Inspection etc
- **Pipeline Operation:-** is carried out with keeping quality, sustainability in context, **Taking Interface (HSD to MS to SKO/PCK) .**

Client : - Hindustan Petroleum Corporation Limited (HPCL)

Description: - Working as **Field ENGINEER Operation/Electrical**

4. Company : Energo Engineering Project Ltd. (Sep-13 to Dec-16)

- Client: Worked in Energo Engineering Projects Ltd at UP **Rajya Vidyut Utpadan Nigam Ltd, Parichha** Thermal power PLANT. Operation and maintenance works in **Coal Mill Reject Handling System in 2x210MW** in HYDROLIC and PNEUMATIC CONVEYING SYSTEMS in different Coal Fired Thermal Power Plants
- Client: Worked in Energo Engineering Projects Ltd at O&M worked in **Coal Handling Plant of 210x2Mw Vadinar OIL & power plant (ESSAR Group)**
- Project and Coal handling plant (**CHP**) & Coal mill reject handling system (**CMRHS**).

Client : **Uttar Pradesh Power Corporation limited.**

Description : Working as **SITE ENGINEER Electrical**

➤ **Software Exposure**

- Microsoft Office.
- MS Excel.

➤ **Educational Qualifications**

- Four Year (B.Tech) in Electronics Engineering in UPT University
- 10+2 (PCM) in Bihar Intermediate council, Patna.
- High School in Bihar Examination Board, Patna

➤ **Achievements**

- Won gold and silver in CRICKET & FOOTBALL at school level.
- Participated in Science quiz at school level.
- Participated in school and college cultural programs.
- Participate the National science exhibition in IIT KGP.

➤ **Industrial Training**

- **Energco Engg. project ltd**
- Department: - Thermal Power Plant.

➤ **Personal Details**

Name	: Abhishek Chandan
Father Name	: Shashi Bhushan Singh
Permanent Address	: Vill-DatraPursauli, Post-Isuapur.Chhapra(BIHAR), 841411
Date of Birth	:13th July 1991

Declaration

I hereby solemnly declare that all the above particulars are true and accurate to the best of my knowledge
And belief

Abhishek Chandan

Place: BOKARO, JHARKHAND