

T K Gaikwad

Former DGM (Operation & Maintenance) in GAIL (India) Limited

Name	Tushar Krishna Gaikwad
Residential Address	B-801, The Oasis, Sector 30/31, CBD Belapur Navi Mumbai Distt: Thane Pin: 400614
Date of Birth	4 th Sep 1962
Qualification	B E (Instrumentation & Control) from College of Engineering, Pune
Location	Navi Mumbai, Maharashtra
Mobile Number	+ 91 9811592598
e-mail ID	toosh04@gmail.com
Resume 	<p>(a) Previous Employers:</p> <ul style="list-style-type: none">• Mahul Refinery of Bharat Petroleum Corporation Limited (BPCL) for 12 months• Kesar Petro Products (for 8 Months)• GAIL (India) Limited (for 29 years & 6 months)• Superannuated on 30th Sep 2022 as DGM (O&M). <p>(b) Worked in following areas:</p> <ul style="list-style-type: none">• LPG Plant• Natural Gas Pipeline and its installation• LPG Pipeline and its installations• Internal Audit• Skill Development• Co-ordination for:<ul style="list-style-type: none">✓ Sustainability✓ Risk Management✓ Quality Control Projects✓ IQMS <p>(c) Expert in Custody Measurement of Natural Gas, LPG & other liquid hydrocarbons by using Primary, Secondary and Gas Analysers.</p> <p>(A) Measurement of Natural Gas Measurement and other liquid hydrocarbon using Primary & Secondary Instruments:</p> <p>(a) Maintained gas measurement system as per recommendation of reports published by American Gas Associations.</p> <p>(b) Follows following gas measurement recommendations as per AGA reports published by American Gas Associations:</p> <ul style="list-style-type: none">• AGA3 (Measurement of Natural Gas with Orifice Meters)• AGA 7 (Measurement of Natural Gas with Turbine Meters),• AGA 9 (Measurement of Natural Gas with Multipath Ultrasonic Meters)• AGA 11 (Measurement of Natural Gas by Coriolis Meter) &• AGA 8 for Super compressibility Factor (Gross – I , Gross -2 & Detailed)

(B) Maintenance of Natural Gas & LPG Pipeline along with its Installations:

(a) Apart from Instrumentation work, had done boundary management by heading pipelines having total length of 876 KM. Namely APM (Regional Gas Pipeline Network – Alibag Area) for 2 year, DUPL (Dahej Uran Pipeline) for 4 years & DPPL (Dabhol Panvel Pipeline) for 2 year & Regional Gas Management Center (RGMC) for one year.

(b) Experience in Boundary Management of various work done to maintenance integrity of natural gas pipeline:

- Pigging of pipeline
- ILI (In line Inspection)
- Composition analysis of debris received during Pigging
- Maintenance of Sectionalising Valves
- Maintenance of Intermediate Pigging Stations
- Maintenance of GEGs
- Maintenance of DGs
- Cathodic Protection System
- Maintenance of Tap-off Stations
- RoU Maintenance
- Handling Emergency by using ERVs (Emergency Response Vehicles)
- Temporary mitigation action
- Permanent mitigation action.
- Patrolling of Pipeline
- Drone Survey of Pipeline
- Co-ordination with Government Agencies and Statutory Bodies while handling emergency.
- Modification / rerouting of Pipeline
- Change Management
- HAZOP Study
- Corrosion Monitoring (External & Internal)
- Pipeline Thickness Assessment
- Washout / Erosion of Soil
- Third party damage/s of pipe line/s and its mitigation
- Pipeline standard OISD 118, P&MP Act 1962

(C) Internal Auditing (Technical):

Audited:

- Natural Gas Pipeline
- LPG Pipeline
- LPG Plant
- Compressor Station.
- Petrochemical Plant
- Citi Gas Distribution companies of GAIL

Total Year of Experience in Internal Audit Dept:

(D) Skill Development:

- I was team leader at sit while establishing Skill Development Institute at Raebareli UP.
- Under my leadership following trades started in the institute:
 - ✓ Pipe Fitter (CGD)
 - ✓ Pipe Fitter (Oil & Gas)
 - ✓ Industrial Welder
 - ✓ Instrumentation
 - ✓ Industrial Electrician
- 100% procurement of machinery and equipment required to run the institute was done by my team.
- The management of entire institute along with institute other facilities like Hostel, Guest House, Mess, Recreation Facility, Sports Facilities, Reading Room and items required to run the institute were being arranged by us timely.
- HySSCI (Hydrocarbon Sector Skill Council of India) acknowledged the SDI, Raebareli with 5-star rating in the year of 2020.

(E) Other Works Done:

Coordinated for :

- Risk Management (RM)
- Sustainability
- Quality Control (QC)
- IQMS (ISO)

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