

26+

Years of legacy

Bridging Quality to Reality

BHARAT TANKS AND VESSELS LLP

Your Reliable EPC Partner



BHARAT
TANKS & VESSELS LLP

www.bharattanks.com

Contents

03	About Us
07	Organisation Values
08	Certifications
09	Import, Storage, Handling & Distribution Terminals
24	Terminal Operations & Maintenance
26	Personnel Training
28	Other Elements
29	In House Engineering & Design
31	Manufacturing Facility
35	Site Activities
36	Quality
41	Health, Safety & Environment
44	Contact Us

About Us

Welcome to a world of precision and innovation, where excellence is not just a goal; it's our foundation. In this brochure, we invite you to explore the essence of our commitment to quality and reliability.

As you journey through these pages, you'll uncover our core values: transparency, sustainability, and unwavering dedication to safety and quality. We're more than an industrial equipments and solutions provider; we're a partner dedicated to your success.

We specialize in a diverse range of services that includes multidisciplinary in-house engineering for terminals and equipment, procurement, quality prefabrication and manufacturing of pressure vessels, process, piping, structures and other related equipment. Our expertise extends to logistics, site preparation, construction, testing, and commissioning, training, operations, and maintenance of Import, Storage, Handling & Distribution Terminals for a variety of hydrocarbons, industrial gases, and fluids. Our proficiency covers LPG, LNG, Petrol, Diesel, Jet A1, White Oils, Ammonia, Hydrogen, CO₂, Dimethyl Ether, Ethylene, Oxygen, Nitrogen and other hydrocarbons & industrial gases. We welcome you to peruse our terminal features, where innovation and scale coalesce, allowing us to redefine the possibilities.

Our manufacturing facility is where craftsmanship meets efficiency, while our Terminal Features showcases our engineering prowess. Explore our reference projects to see our track record of turning challenges into success. We're not just here for the project; we're here for the long haul. Discover our commitment to training, maintenance, and operations support.

Thank you for considering us as your partner. Your journey into industrial excellence starts now.

Building Trust, Delivering Excellence

Your Reliable EPC Partner

Your trusted EPC partner in the world of Bulk Import, Storage & Distribution Terminals. With **a legacy of excellence spanning 26 years**, we have emerged as industry leaders in providing comprehensive solutions for Hydrocarbons and Oil & Gas Storage and Handling.

Our commitment to **safety, quality, and reliability** is unwavering. We understand the critical importance of safety and efficiency in your operations and strive to deliver solutions that meet and exceed your expectations.

What sets us apart



Expertise

Our seasoned professionals and engineers bring unmatched expertise to your project, ensuring precision and efficiency in all installations.



On-time delivery

Meticulous planning and proactive management guarantee timely project completion, ensuring your deadlines are met without compromising on quality.



Regional Experience

We deliver excellence worldwide, from iconic urban hubs to the most challenging frontiers, ensuring seamless adaptation to diverse local contexts for unparalleled project success.



Supply Chain Management

Your project benefits from our highly efficient supply chain management, ensuring timely and cost-effective material delivery, reducing delays, and maintaining the highest quality standards for your streamlined project experience.



After-Sales Support

Our commitment extends beyond project completion. Tailored maintenance, repairs, and ongoing optimization ensure long-term operational excellence, providing you with peace of mind.



Environmental Responsibility

We prioritize sustainability in every operation, from emissions reduction strategies to minimizing our environmental impact, contributing to a more sustainable and eco-friendly future.



Quality Assurance and Control

Our meticulously designed system empowers us to uphold the highest quality standards digitally, ensuring projects meet or surpass industry benchmarks, providing you with exceptional quality and reliability.



Collaborative Approach

Your objectives are at the forefront of every project as we embrace a client-centric collaborative approach. Our partnership ensures your vision is realized, working closely with you and stakeholders to achieve shared success.



Reputation and Track Record

As a family-run business, we hold a moral responsibility to maintain and enhance our legacy by upholding our impeccable reputation. Our enduring commitment to excellence reflects the values and dedication that define our legacy.



Community and Social Responsibility

Ethical practices, local employment opportunities, and active community involvement define our commitment to positively impact the well-being of the areas in which we operate, making a meaningful social contribution.

Our Core Expertise

- Turnkey Solutions
- Terminal Feasibility Study and Detailed Engineering
- Prefabrication of Equipment and Logistics
- Project Management and on-time completion
- Terminal on-field Construction, Assembly, Testing and Commissioning
- Safety and Compliance
- Cost Control and Efficiency
- Advanced Simulation and Design Tools
- Efficient Procurement and Supply Chain Management
- Digital and Stringent Quality Assurance and Control Systems



Organisation Values



Be proactive and take ownership



Be passionately involved



Share your knowledge and make others good



Understand and support your customers




Don't leave anybody behind



Put the fish on the table

From Concept to Commissioning

Certifications



CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

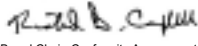
COMPANY:


BHARAT TANKS AND VESSELS LLP
Gat. No. 647, Pimpri Budrukh
Taluka Khed
District Pune
Maharashtra 410505
India


SCOPE:

Manufacture of pressure vessels at the above location and field sites controlled by the above location (This authorization does not cover impregnated graphite)


AUTHORIZED: July 30, 2021
EXPIRES: July 30, 2024
CERTIFICATE NUMBER: 41533


Board Chair, Conformity Assessment


Managing Director, Standards & Engineering Services



The American Society of Mechanical Engineers



CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.


COMPANY:

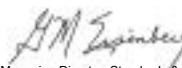
BHARAT TANKS AND VESSELS LLP
Gat. No. 647, Pimpri Budrukh
Taluka Khed
District Pune
Maharashtra 410505
India


SCOPE:

Manufacture of Class 1 and Class 2 pressure vessels at the above location and field sites controlled by the above location


AUTHORIZED: July 30, 2021
EXPIRES: July 30, 2024
CERTIFICATE NUMBER: 51851


Board Chair, Conformity Assessment



Managing Director, Standards & Engineering Services



The American Society of Mechanical Engineers



**THE NATIONAL BOARD
OF
BOILER & PRESSURE VESSEL INSPECTORS**

Certificate of Authorization


This is to certify that
BHARAT TANKS AND VESSELS LLP
Gat No. 647, Pimpri Budrukh
Taluka Khed, District Pune
Maharashtra 410505
India


is authorized to use the R Symbol in accordance with the provisions of the National Board Inspection Code and NB-415, Accreditation of "R" Repair Organizations.


All activities within the scope of this Authorization shall be controlled by the above location.
The scope of this Authorization is limited to:

Metallic
Repairs and Alterations
At
Shop and Field Locations

Certification Number: 12004

Issue Date: July 25, 2022
Expiration Date: July 24, 2025

Executive Director 



EU CERTIFICATE OF CONFORMITY

Certificate No.: 10000497903-PA-ACCREDIA-IND Initial date: 18 October, 2023
This certificate consists of 3 pages


This is to certify that the products manufactured by:
Bharat Tanks & Vessels LLP
Office address: B21/22, Mayangani Building, Dapodi, Pune - 411 012, Maharashtra, India
Production site address: Gat No. 647, Pimpri Budruk, Tai: Khed, Dist: Pune - 410505, India

have been assessed with respect to the conformity assessment procedure described in:
ANNEX III MODULE G OF DIRECTIVE 2014/68/EU ON PRESSURE EQUIPMENT

and found to comply with the requirements in Annex I – Essential Safety Requirements of the Directive.

The certificate is valid for the following products:

Type of Pressure Equipment	Pressure Vessel
Product Name	135 M³ Propane storage tank
Product Identification	BT-PRP-839, BT-PRP-840, BT-PRP-841

Place and date: Vimercate, 18 October, 2023
Check Validity 

For the issuing office:
Notified Body 0496, Italy
DNV Business Assurance Italy S.r.l.

Import, Storage, Handling & Distribution Terminals

Feasibility Study

Conducting a thorough Feasibility Study for Bulk Import, Storage, Handling, and Distribution Terminals.

As part of our study, we evaluate the potential for storage, marine offloading/bunkering facilities, jetty pipeline, loading/unloading via road tankers, and cylinder bottling.

- Conduct a comprehensive concept study, including assessment of throughput capacities.
- Perform a market study to identify existing demand and supply gaps
- Conduct a land survey to determine the project's feasibility.
- Estimate CAPEX and costs, including analysis of investment breakeven.
- Evaluate OPEX and competency requirements.
- Facilitate local regulatory approvals.
- Carry out an environmental impact assessment
- Develop preliminary master plan layouts.
- Developing a comprehensive Front-End Engineering Design (FEED) including Process Design.
- Prepare a detailed project report (DPR) to secure financing.

Offshore Solutions

Import and Handling Services

Our services are comprehensive and include detailed engineering, supply, installation, and commissioning of the following. We work closely with a network of specialized offshore subcontractors to ensure that project excellence is achieved through seamless collaboration.

- Floating Loading/Unloading Hoses
- Gas Buoy
- Riser Hose
- PLEM (Pipeline End Manifold)
- Subsea and Onshore Import Pipeline with Coating and
- Cathodic Protection
- Pig Launcher
- Distribution Infrastructure
- Mooring and Berthing Systems
- Floating Storage and Regasification Unit (FSRU)
- Marine Loading Arms
- Emergency Shutdown Systems (ESD)
- Fire and Gas Detection Systems
- Offshore Control Room
- Metering and Measurement Systems
- Pressure Regulation and Control Stations
- Custody Transfer Metering Systems
- Odorant Injection Systems



Storage Vessels

Mounded Bullets

For clients seeking a safe and eco-friendly solution for storing LPG, mounded bullets offer a secure underground storage option. They are designed with your safety and environmental concerns in mind.



Spherical Vessels

If you're looking for efficient and high-pressure storage solutions for gases like LPG, Oxygen, Nitrogen, Hydrogen, Ammonia, consider spherical vessels. Their unique design optimizes pressure distribution and ensures reliability.



Above Ground Tanks

Clients in various industries, from agriculture to petrochemicals, often prefer above ground tanks due to their accessibility and adaptability. These tanks can be customized to meet your specific storage requirements. We can manufacture and supply shop-built tanks in 1 piece from 5 m³ to 22,000 m³.



IMO Type C Cargo Tanks

If you're involved in the maritime transportation of liquefied gases, IMO Type C cargo tanks are designed to meet rigorous safety and performance standards, ensuring your cargo's secure transit. We manufacture and supply Cylindrical as well as Bilobed cargo tanks.



Refrigerated Tanks

For bulk storage of liquefied products stored below -30 degree Celsius.



Cathodic Protection Services: Your One-Stop-Shop!

- Implement cathodic protection for mounded installations and cross-country pipelines
- Utilize an impressed current system with a 50-year design life
- Specially designed and installed maintenance-free magnesium oxide anode cables
- Ensure an appropriate number of reference cells, with the option of CuSO₄ and Zinc electrodes, for accurate monitoring of soil potential
- Incorporate a Transformer Rectifier Unit for real-time potential modulation and monitoring
- Integrate a Remote Monitoring Unit into the terminal management system for seamless monitoring and control
- Utilization of Monolithic Isolating Joints for pipeline connections
- Deployment of Surge Arresting Devices
- Implementation of Solid Polarization cells for grounding lightning currents



Facility for Blending Propane and Butane

- Use flow controllers and inline gas chromatograph analyzers to blend various compositions.
- Blending can be performed for product mixture or additive dosing.
- Operator-based recipes can be utilized for different propane-butane mixtures of LPG, eliminating the need for automation system intervention or reprogramming.
- Implement static mixers obtained from reputable OEMs for homogeneous mixing of various products.
- Adhere to local regulations and install an Odorization Injection System for mercaptan dosing into LPG.

Piping including all Pumps, Compressors, and associated Equipment

- Adhere to the latest global standards of practice, including ASME B31.3 / EN - 13480, for plant piping.
- Engage established LPG service pump and compressor Original Equipment Manufacturers (OEMs).
- Perform hydraulic and stress analysis using top-tier software.
- Procure pipes, fittings, and flanges from the most reputable manufacturers with traceable quality assurance.



Gantry for Loading and Unloading

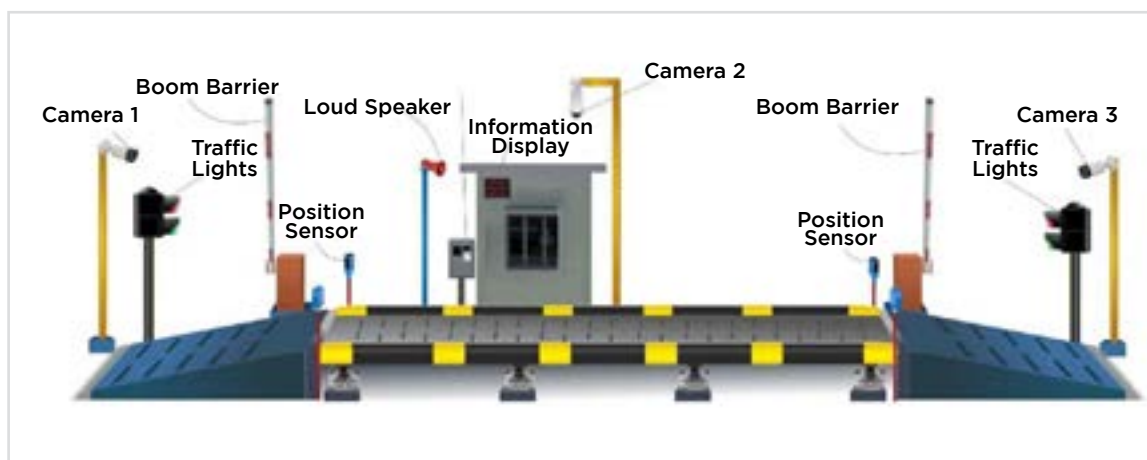
Features of Road Tanker Loading and Unloading System:

- Customization to meet the specified throughput targets.
- Incorporation of loading infrastructure featuring loading arms/hoses, intelligent grounding of tankers, mass flow metering, batch controllers, remotely operated valves, and digital control valves.
- Implementation of vapor balancing and tanker unloading via vapor transfer.
- Utilization of modular, skid-mounted loading and unloading gantries to enhance flexibility.
- Adoption of access-controlled systems leveraging RFID and remote interaction terminals located at each bay.
- Advanced License Plate Camera for Rapid Vehicle Identification and Access Control.
- Provision of all required safety features, including emergency breakaway coupling for loading arms and hoses.
- Provision of ATEX certified gantry weighbridges.



Entry and Exit Point Weighbridges

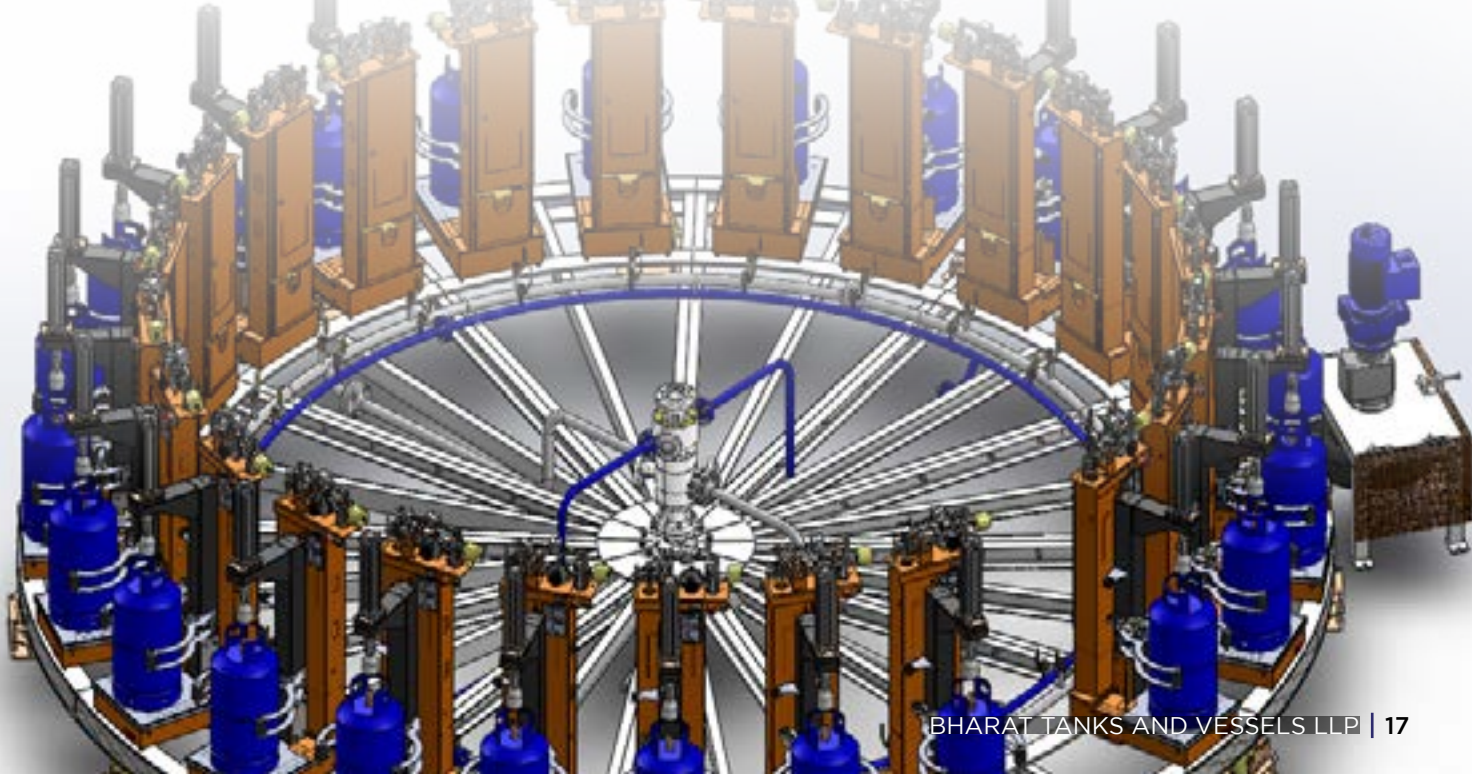
- Install automated weighbridges, with a weighing capacity ranging from 50 to 100 metric tons, and a resolution of 5 kgs.
- Integration of weighbridges with an access control system that utilizes RFID and boom barrier gates.
- Implementation of the latest weighbridge management software, integrated with the terminal management system.



Automated Cylinder Filling System

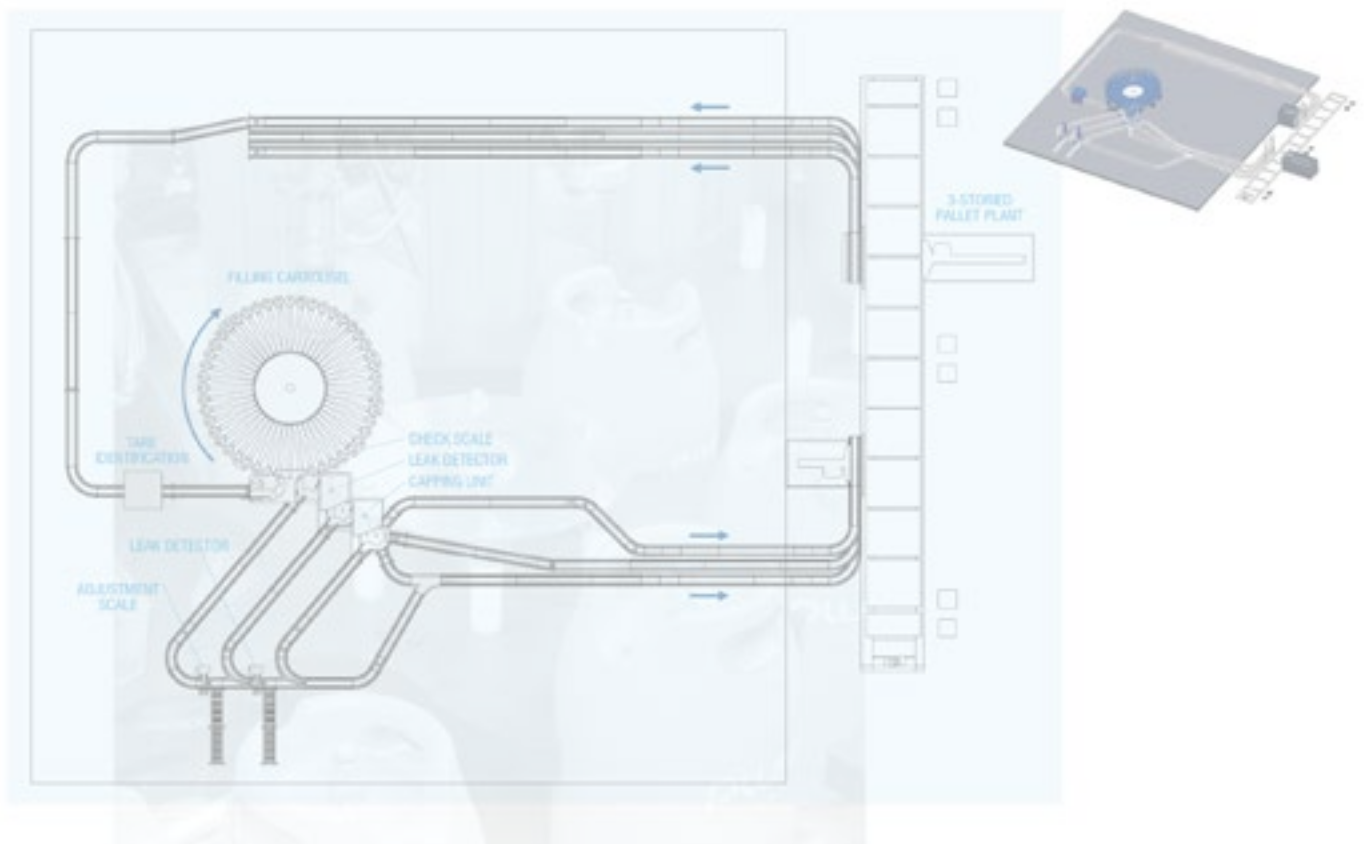
Looking for a streamlined way to fill LPG cylinders? Look no further than our automatic Cylinder Filling system, which features:

- Implementation of automated bottling carousels for a range of LPG cylinders including 3kg, 6kg, 12kg, 15kg, 45kg & 50kg
- High-speed operations capable of 12 pt, 18pt, 24pt and above, with a throughput capacity of 600, 900, 1200 cylinders per hour and above
- TARA encoders for automated input of cylinder types, requiring minimal operator interference
- Automatic Head Changers to accommodate different valve types
- In-line check scales with an interface to out-of-line weight correction machines
- Implementation of an Automatic Leak detection system for all filled cylinders
- Incorporation of Pneumatic vacuum pumps for emptying leaking cylinders through the evacuation system
- Provision of standalone racks for non-standard cylinders
- Real-time communication on throughput and rejection data



Cylinder Testing Unit

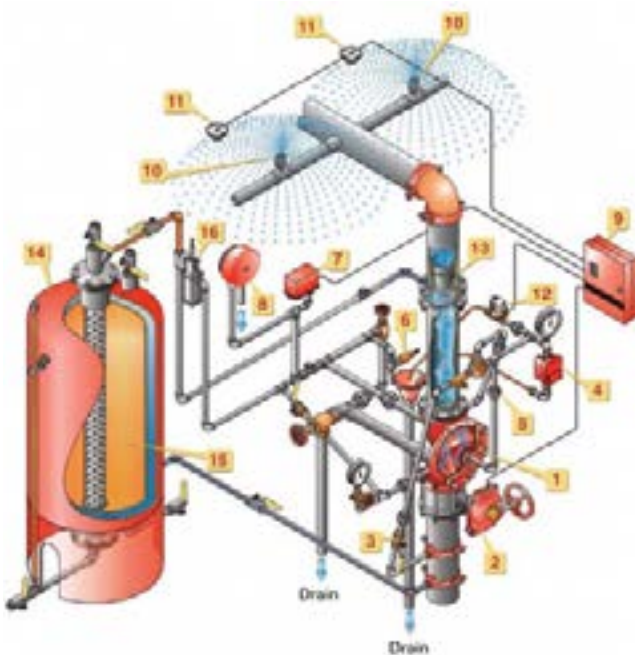
- Periodic Testing, Inspection & Maintenance of used cylinders in circulation as per local regulations
- Degassing of used cylinders
- Hydrotesting
- Surface preparation and painting
- Valve cleaning
- Thickness gauging and recertification
- Valve replacement
- Pneumatic testing of cylinders with valves



Automated Fire Fighting System

Implementing the following features in firefighting system, which meet the latest NFPA requirements:

- ➔ Incorporation of a quick-action, wet or dry pilot automated deluge actuation system
- ➔ Installation of diesel or electrically driven centrifugal pumps in adherence with NFPA 20 guidelines
- ➔ Pressure monitoring of the wet piping system to trigger automatic pump operation
- ➔ Interlock mechanisms with flame detectors and fire alarm stations for automatic firefighting pump activation
- ➔ Use of UL/FM approved firefighting equipment, including deluge valves, water spray nozzles, quartz bulb detectors, landing valves, water monitors and hydrant hoses
- ➔ Inclusion of audio/visual alarms equipped with sirens, hooters, and beacons

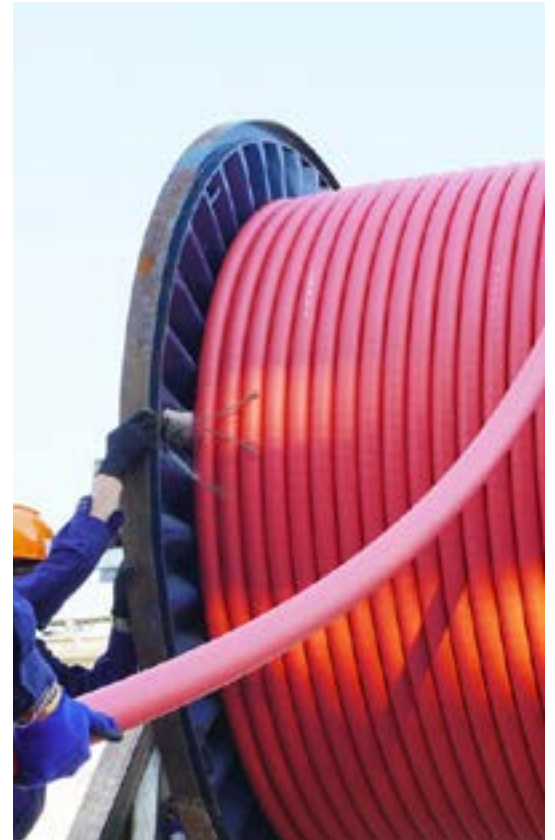


Establishing a Complete Electrical Infrastructure

- Utilize the latest IEC and NFPA codes of practice for engineering the electrical infrastructure.
- Select, install, and commission electrical equipment in accordance with the hazardous area classification requirements for explosive atmospheres.
- Incorporate the latest safety components such as ACBs, MPCBs, ELCBs, and MCBs with interlock to the terminal automation system when installing switchgears for motor controls.
- Design and install plant earthing based on the latest IEC requirements and site geotechnical conditions.
- Implement a dedicated uninterruptible power supply (UPS) with battery backup and maintenance bypass for terminal automation and safety equipment that features a MODBUS interface.
- Install generators from reputable OEMs for plant backup power, fueled by diesel, propane, or natural gas.

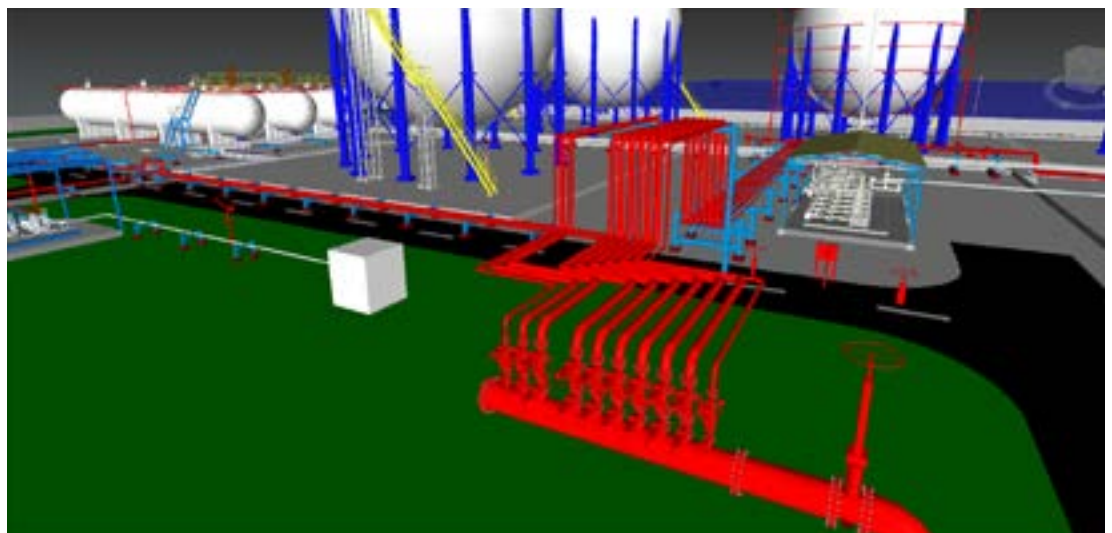
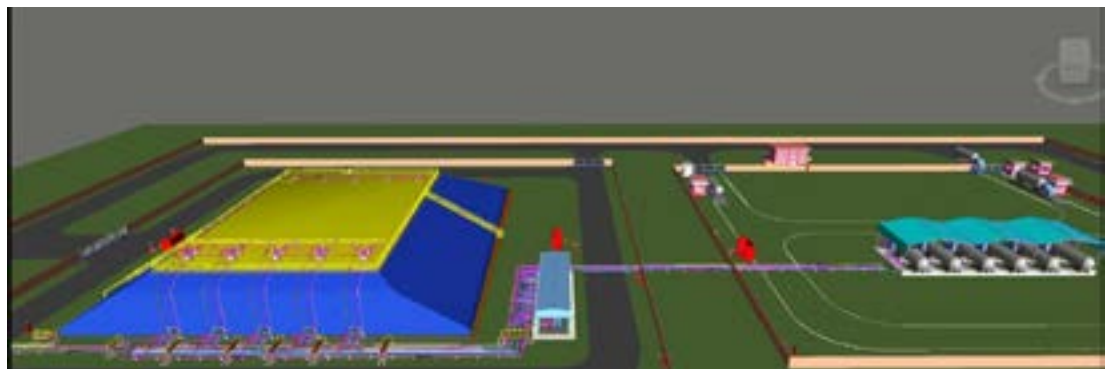
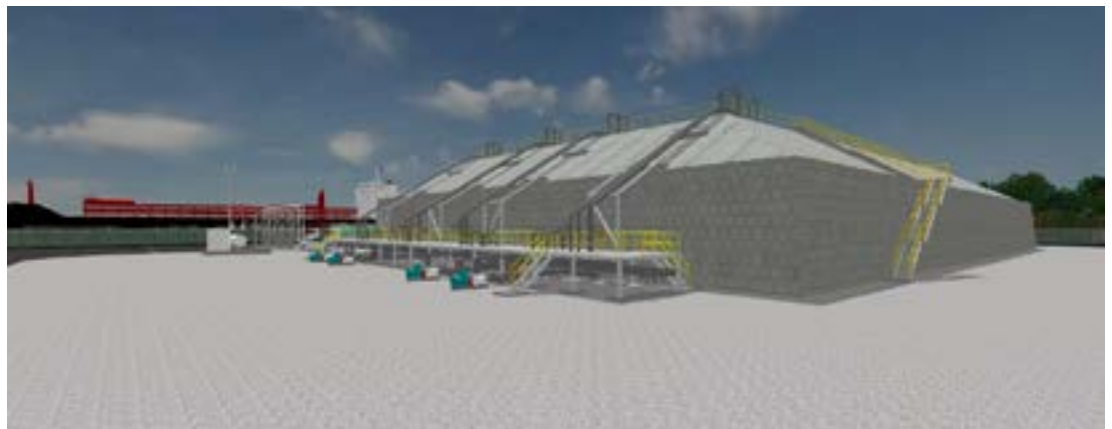


Security Cabin / Watchtowers /
CCTV Surveillance / Control Room
& Admin Block



Enhancing Terminal Design with 3D Modeling

- Develop an initial concept model based on FEED to facilitate visualization.
- Utilize industry-leading applications and software for realistic rendering of the entire terminal design.
- Our 3D models provide an inclusive depiction of all terminal components, down to the minutest details.
- Take a virtual walkthrough of the facility to gain a better understanding of the design.



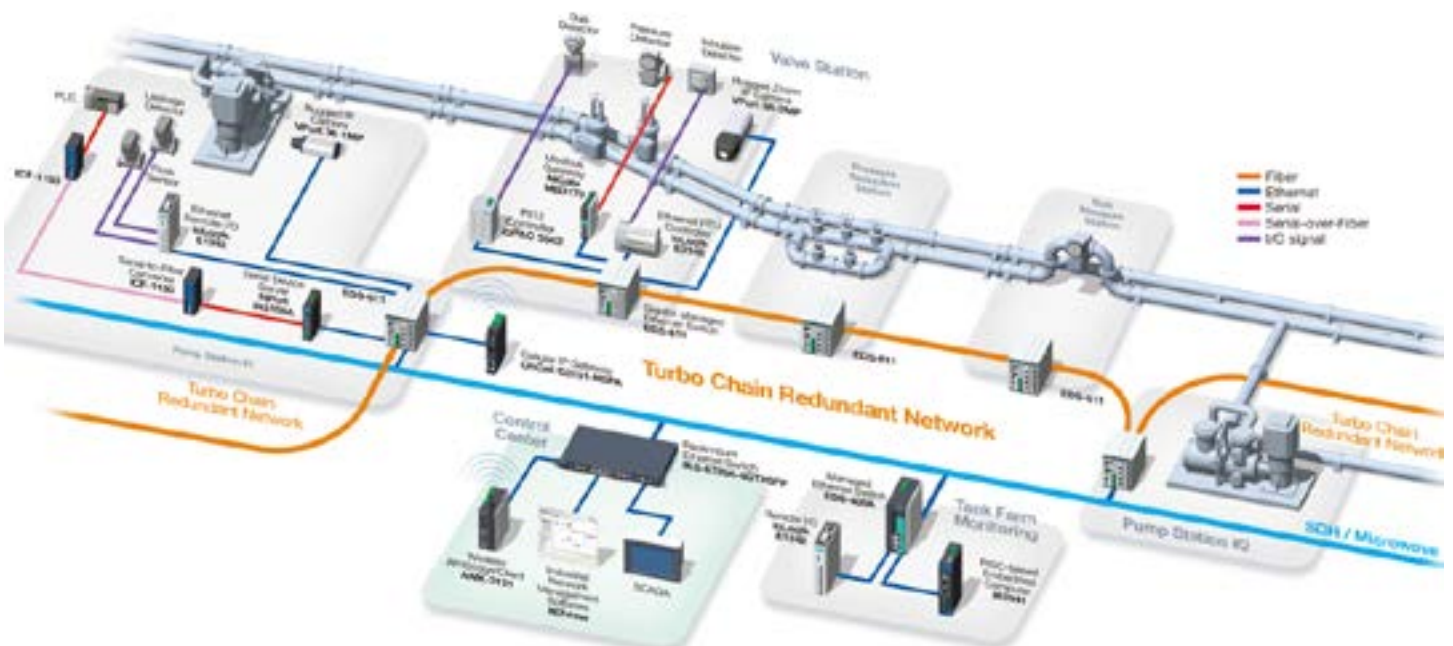
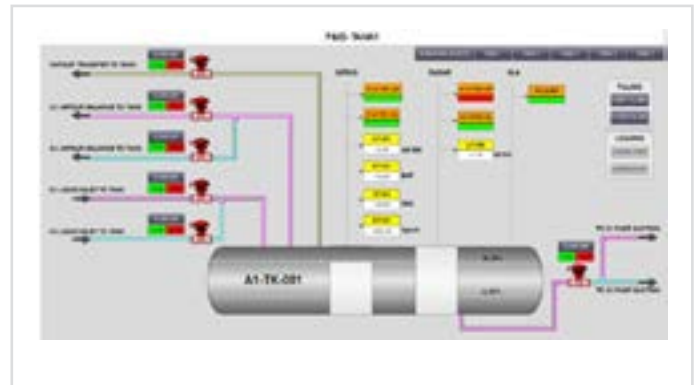
Full Automation with PLC for Efficient Terminal Operations

Our Terminal Automation Software (TAS) is continuously upgraded with the latest technology to optimize operations and to ensure the safety and efficiency of all operations.

- Implement PLC redundancy across all terminal operations, including a safety PLC for critical functions such as Fire Detection, Gas Leak Detection, Emergency Controls, and ESD.
- Develop a dynamic user interface using SCADA and a tank farm management system that provides real-time inventory monitoring.
- Integrate field instruments from top OEMs such as Endress Hauser, Honeywell, Emerson, and Det-Tronics. Deploy auto tank gauging instruments from various OEMs to ensure precise measurements.
- Employ real-time controls based on Coriolis Mass Flow Meters to guarantee accurate transfer volumes to and from ship loading/unloading and tank trucks/rail wagons.



- ➔ Establish a gantry automation system with RFID, batch controllers, earth monitoring units, remote operated ESD valves, and digital control valves that regulate low-flow/high-flow controls.
- ➔ Incorporate the latest communication protocols including MODBUS RS485, TCP/IP, Profibus, Profinet, and HART.
- ➔ Integrate high-tech instruments and terminal-safety interlocks to ensure seamless and effective operations.



Terminal Operations & Maintenance

Elevating the Oil & Gas Industry: Building, Operating, and Maintaining your Terminals with Excellence

Our primary proficiency lies in providing all-encompassing solutions for oil, gas, and petroleum fuel terminals. Rather than merely constructing terminals, we aim to establish long-term partnerships by offering comprehensive services that span from training to operations and maintenance. Our unwavering dedication to safety, innovation, and environmental responsibility distinguishes us as a reliable leader in the energy and logistics industry.

Terminal Operations

We don't just stop at construction – we become your operational and maintenance partner. Our experienced team is well-versed in LPG handling and storage intricacies. We cover all aspects of product reception, storage, transfer, and dispatch. Our operations prioritize safety and compliance, ensuring seamless functionality and minimal disruptions. With the help of advanced digital technologies, we optimize operational efficiency to improve your terminal's profitability.

Terminal Maintenance

Our dedication to your investment extends beyond construction and operation. We offer all-inclusive maintenance services to ensure the long-term integrity of your terminal. Our team of proficient engineers and technicians is available 24/7 to keep your facility in optimal condition. Our proactive approach involves routine inspections, preventive maintenance, upgrades, and repairs to guarantee compliance with industry standards and optimal operational efficiency.



We're dedicated to environmental sustainability and continually seek ways to reduce emissions and enhance safety protocols.

By choosing BHARAT TANKS AND VESSELS LLP as your partner for Oil, Gas & Petroleum Fuel Terminal Construction, Operation, and Maintenance, you're choosing excellence, reliability, and a steadfast commitment to sustainability. We work tirelessly to uphold the highest industry standards, ensuring your terminal's continued success.

Personnel Training

Empowering Safe and Efficient Terminal Operations through Specialized Personnel Training

We understand that the success of a terminal not only depends on its construction and maintenance but also on the skill and knowledge of the personnel operating it. To ensure the safe, efficient, and compliant operation of terminals, we offer specialized personnel training programs designed to empower your team with the expertise they need.

Customized Training Programs

Our personnel training programs are tailored to meet the unique needs and requirements of your terminal. Whether you're working with an experienced team or newcomers to the industry, our courses can be customized to suit your specific circumstances, ensuring that every participant gains the skills and knowledge necessary to operate the terminal safely and efficiently.

Expert Instructors

Our training is led by experienced industry professionals who bring a wealth of knowledge and hands-on experience to the classroom. They not only teach theory but also share practical insights, experiences, hazardous events and best practices, enriching your team's understanding of operations.

Hands-On Learning

We believe that the best way to learn is by doing. Our training programs include hands-on learning experiences, allowing participants to apply their knowledge in real-world scenarios. This practical approach builds confidence and competence in operating a terminal.

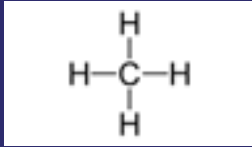
Safety and Compliance Focus

By choosing BHARAT TANKS AND VESSELS LLP for personnel training, you're investing in the expertise and competence of your team. Our training programs aim to equip your personnel with the skills and knowledge necessary to navigate the complex world of terminal operations safely and efficiently. Get in touch with us today to learn more about how our specialized training can benefit you.

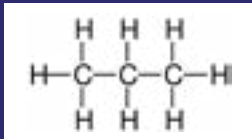


Other Elements

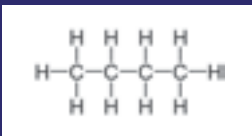
We provide solutions for other elements like



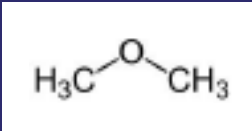
LNG



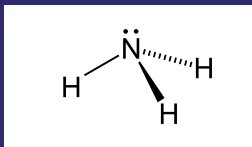
PROPANE



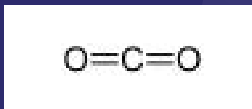
BUTANE



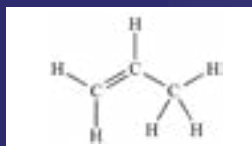
DiMethyl Ether (DME)



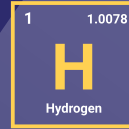
AMMONIA



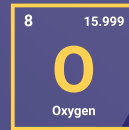
CO₂



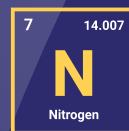
PROPYLENE



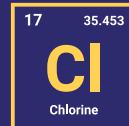
HYDROGEN



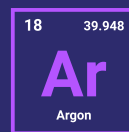
OXYGEN



NITROGEN



CHLORINE



ARGON

LPG

AVIATION FUEL

PETROL

DIESEL

In House Engineering & Design

We take immense pride in our ability to offer end-to-end solutions for petroleum, oil and gas terminals, and the heart of this capability lies in our in-house engineering and design expertise. We bring your vision to life with a team of highly experienced and skilled professionals, state-of-the-art software, and a commitment to delivering unparalleled quality in every project.

Codes, Standards & Regulations

IMO	CGA
IGC	UBC 1997
ASME SEC II	ASCE
ASME SEC III	SMPV
ASME SEC V	PED
ASME SEC VIII	TPED
ASME SEC IX	MOM
ASME SEC XII	DOSH
EN 13458	GOST
EN 13530	OHSAS
EN 13445	NFPA 59
PD 5500	ISO 21029
EN 1251	ASME B31.3
AD 2000	EN 10028
AS 1210	EN 10025
IMDG	EN 10216
ADR	DOT
RID	IBR
R110	TC4LM
ISO	IS 875
API 620	IS 2825
API 650	IS 1893



Our Expertise

With a wealth of industry experience and a dedication to staying at the forefront of advancements, our team of engineers and designers possesses the knowledge and skills necessary to tackle even the most complex projects. Our expertise is built on a foundation of success, ensuring that your project is in the most capable hands.



Experienced Employees

Our team is comprised of seasoned professionals who have honed their skills through years of working on a diverse range of Oil & Gas projects globally. This experience equips us to not only meet industry standards but to exceed them, ensuring your terminal is designed and engineered for optimal safety, efficiency, and sustainability.

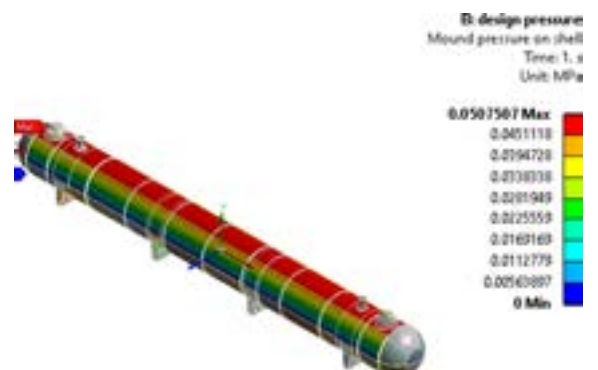


Top-Notch Software

We understand that in the world of engineering and design, precision is paramount. To guarantee this precision, we utilize leading cutting-edge software tools and technology. This enables us to create meticulous, detailed plans and designs that ensure your terminal operates flawlessly and adheres to the strictest of industry regulations.

In-house engineering and design are the backbone of our commitment to excellence. We believe that by overseeing every aspect of the process, from concept to completion, we can provide you with a level of quality and customization that is unmatched. Our team is dedicated to bringing your vision to life, providing innovative solutions, and ensuring that your project stands out as a testament to quality and expertise.

Choose BHARAT TANKS AND VESSELS LLP for your Petroleum and Oil & Gas terminal projects and experience the difference that in-house engineering and design excellence can make. Contact us today to explore how our expertise can transform your vision into reality.



Manufacturing Facility

✓ Total Area of 110,000 M²

✓ Covered Area of 45,000 M²

✓ Huge Fleet of Welding and Cutting Equipments

✓ Motorised Rotators



✓ Automatic Welding Machines

✓ Cranes with Magnetic Lifting ability

✓ Hydraulic Presses: 1500 MT x 1, 300MT x 2

✓ Plate Bending Machines: 36mm, 60mm, 123mm

✓ Painting equipments

✓ Hydro testing equipments

✓ Heat Treatment Materials and Equipments



Manufacturing Facility

✓ ASME Approved Manufacturing Facility

✓ Jigs and other Fixtures

✓ Air Compressors

✓ Power Backup

✓ Storage Area

✓ Painting Facility

✓ Piping Workshop



✓ Loading / Unloading Facilities

✓ 24/7 & very productive to provide on time services

✓ Housekeeping

✓ Safety

“ Where Precision Unfolds, Innovation Takes Shape

At Bharat Tanks and Vessels LLP, we take immense pride in our cutting-edge manufacturing facility, where engineering brilliance and technological prowess converge to shape the future of the industry. Our facility is a testament to our commitment to excellence, safety, and delivering top-quality products to our esteemed clients.

Plate Bending Machine - Precision Redefined

Equipped with advanced plate bending technology, our facility boasts a maximum capacity to bend plates up to 123 mm. This state-of-the-art machine ensures precise and seamless shaping of materials, providing the foundation for robust and reliable products.

Hydraulic Press Machine - Powerhouse of Forming

Our 1500-ton Hydraulic Press Machine dominates the production floor with its impressive capacity to form components up to 250 mm. It brings unparalleled force and precision to the manufacturing process, enabling the creation of intricate and high-performance components.



Safety First, Always

Safety remains at the forefront of our operations. Rigorous safety protocols and comprehensive training ensure that our team operates in a secure environment, safeguarding not only our workforce but also the precision and quality of our end products.

Huge Installed Capacity and Latest Equipment

Our facility boasts a huge installed capacity, reinforced by the latest tools and equipment. From welding rectifiers and job rotators to mobile cranes, painting, heat treatment equipment, hydro testing facilities, and magnetic lifters, we are equipped to handle diverse manufacturing challenges.

Smart Production Line and Planning

Innovation and efficiency converge in our smart production line and planning systems. Leveraging the power of technology, we optimize production processes, reduce lead times, and streamline resource allocation, ensuring on-time delivery without compromising quality.

Crafting Excellence, Empowering Solutions

At Bharat Tanks and Vessels LLP, our manufacturing facility stands as a symbol of excellence, where precision engineering and innovation forge solutions that empower industries worldwide. Trust us to deliver products of unparalleled quality, engineered to meet the most demanding challenges.

Designated Spaces for Seamless Workflow

Safety and efficiency intertwine in our manufacturing facility, where designated areas ensure the seamless execution of activities. Each step of the production process is meticulously planned and executed, promoting a culture of precision and meticulous craftsmanship.

Site Activities

- ✓ Site Planning and Preparation
- ✓ Infrastructure and Foundation Work
- ✓ Civil Foundations and Piling
- ✓ Road and Rail Access Construction
- ✓ Utility Infrastructure Installation
- ✓ Drainage and Water Management
- ✓ Utility and Service Trenching
- ✓ Quality Assurance and Control
- ✓ Material Testing and Sampling
- ✓ Non-Destructive Testing (NDT)
- ✓ Emergency Response Planning
- ✓ System Testing and Integration
- ✓ Start-up and Commissioning
- ✓ Regulatory Compliance Monitoring
- ✓ Progress Tracking and Reporting



Quality

Our commitment lies in delivering unparalleled quality and safety standards within the industry.

- ✔ Conduct quality control inspections before, during, and after each stage of production to ensure compliance is maintained throughout.
- ✔ Implement a fully digital quality control system to improve efficiency.
- ✔ Hire qualified and experienced QC/QA engineers to perform inspections and manage quality control.
- ✔ Adopt a system-based approach to quality control to ensure consistency.
- ✔ Inspect and calibrate all testing materials and equipment before use to minimize the chances of errors.
- ✔ Prepare and maintain all necessary documents and records to ensure accountability.
- ✔ Utilize iPads and tablets to prepare reports quickly at inspection sites for prompt reporting.
- ✔ Monitor all activities to ensure compliance with codes and regulations.
- ✔ Inspect goods and equipment at the vendor's site before dispatch and immediately upon receipt to ensure quality.

- ✓ Maintain records and logs in compliance with our policy and code requirements to ensure transparency.
- ✓ Develop an Inspection and Test Plan/Quality Assurance Plan (ITP/QAP) and adhere to it throughout the manufacturing process, acquiring approval from the client and AI/TPI for accountability.
- ✓ Coordinate with the client and AI/TPI for inspection calls at pre-designated hold points as per ITP/QAP for efficient communication.
- ✓ Use an automatic QC dossier compilation system fed from all documents and records, providing access to updated dossiers through our online client cloud portal for easy access.
- ✓ Establish QC standards, requirements, and procedures with a robust QA team to ensure consistent quality.
- ✓ Incorporate QR codes on all documents and records for easy access and convenience.



Welding

Advanced Welding: Improving Operational Safety and Efficiency.

- ✓ Highly skilled and certified Welders
- ✓ Competent and knowledgeable welding supervisors to oversee the process.
- ✓ Employment of cutting-edge welding power sources and equipment.
- ✓ Utilization of latest welding automations.
Usage of top-quality electrodes, shielding gas, flux, and filler wires.
- ✓ Proficiency in SMAW, SAW, GTAW, GMAW, FCAW methods.
- ✓ Digital issuance, monitoring, and analysis of welding data.
- ✓ Comprehensive training in welding and safety protocols.
- ✓ Adherence to the latest standards and approved procedures.
- ✓ Detailed welding map and plan for each project.



Procurement & Material Sourcing



Dedicated to Excellence and
Trusted Collaboration



In our journey towards excellence, establishing and nurturing long-lasting partnerships with reputable vendors is a cornerstone of our success. We believe in mutual growth, built on timely payments, constructive feedback, and unwavering loyalty. Small issues are met with solutions as we understand the importance of nurturing relationships. Loyalty and humility guide our interactions.



Trusted Vendor Partnerships

Our relationships with vendors extend beyond transactions; they are built on trust and collaboration. Timely payments and constructive feedback reinforce our commitment to our partners' success. Loyalty and humility guide our interactions, fostering enduring relationships that contribute to our journey of growth.

Meticulous Testing and Compliance



We place immense importance on the quality and durability of materials and components we procure. Our rigorous testing procedures, which go beyond industry standards, ensure that we consistently deliver excellence.

Our vendors perform comprehensive testing for compliance with requirements of regulators, design, and international standards, codes and guidelines. We further inspect materials upon receipt to guarantee conformity, integrity, and suitability.



Stringent Quality Control

Our commitment to quality extends to our in-house inspections and testing. Materials undergo thorough examinations to guarantee their integrity and reliability.

Before materials even reach our manufacturing facility, we conduct pre-shipment inspections at the vendor's site, ensuring that our standards are met at every stage of the procurement process.

Continuous Improvement



We continuously assess vendors and materials for performance, support, and goodwill. Periodic inspections, audits, and data analysis, powered by AI, help us ensure that our partners uphold our commitment to quality. Our unwavering commitment to excellence fuels continuous enhancements in our procurement procedures. Vendor selection and evaluation are increasingly centered on quality and precision, guaranteeing that every component consistently surpasses industry standards.

Health, Safety & Environment

Empowering Excellence, Ensuring Safety

Where excellence meets safety in a class of its own. As a distinguished Engineering, Procurement, Construction firm and a premier Pressure Vessel Manufacturer, we have harnessed our passion for innovation and unwavering commitment to create a realm where safety is paramount.

Crafting Reliability, Nurturing Trust

As your trusted EPC Partner, we approach each project with meticulous precision. Our virtuosos of engineering and project management craft solutions that embody reliability, leaving no room for compromise. The trust you place in us inspires our unwavering dedication to safeguarding lives, assets, and the environment.

A Symphony of Safety

Our people are the heart of our symphony, and their safety is our paramount concern. Our nurturing culture instills a sense of responsibility and empowers each member of our team to champion safety at every step.

Disclaimer

Our commitment to safety is unmatched; however, we urge you to follow the guidelines and instructions provided for the safe use. If you have any safety-related concerns or questions, do not hesitate to reach out to our knowledgeable team.

Email: darsh@bharattanks.com

Phone: +91 901 101 0315



Harmonizing Progress and Sustainability

We firmly believe that industrial progress and environmental responsibility can go hand in hand. As a forward-thinking leader in the industry, we are committed to preserving the delicate balance of our ecosystem while providing cutting-edge solutions to meet the world's energy needs.

A Green Vision

Our vision extends beyond just delivering exceptional products and services. We envision a greener and more sustainable future for generations to come. With every project we undertake and each pressure vessel we manufacture, we seek to contribute positively to the environment.

Energy Efficiency at Core

We take pride in integrating energy-efficient practices across our operations. From optimizing processes in our state-of-the-art manufacturing facilities to deploying advanced technology for energy conservation, we continuously strive to minimize our carbon footprint.

Protecting Biodiversity

Our commitment to environmental preservation extends to safeguarding biodiversity. During project execution, we take utmost care to mitigate any potential impact on local flora and fauna, ensuring that the ecosystems surrounding our projects remain protected.

Waste Reduction and Recycling

We follow stringent waste management practices to minimize waste generation during manufacturing and project execution. Whenever possible, we prioritize recycling and responsible disposal to reduce our ecological footprint.

Continuous Innovation

Innovation is the driving force behind our pursuit of eco-conscious solutions. We invest in research and development to identify new technologies and processes that contribute to a cleaner and more sustainable energy landscape.

A Promise for Tomorrow

Our environmental commitment is unwavering, and it is a promise we make to the world. As a responsible corporate citizen, we actively participate in environmental initiatives and advocate for sustainable practices within our industry.

Together Towards a Greener Horizon

At Bharat Tanks and Vessels LLP, we extend an invitation to all our industry partners and allies to join hands with us on this journey towards a greener horizon. Together, we can embrace progress while preserving the environment, ensuring a sustainable and thriving planet for generations to come.

Disclaimer

As we continue our quest for sustainability, we encourage you to support eco-friendly practices and make informed choices for the well-being of our planet.



Fueling Connections for a Sustainable Future

Reach out to us

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