

G. R. ENGINEERING PRIVATE LIMITED

AN ISO 9001 • ISO 14001 • ISO 45001 COMPANY & ASME 'U' & 'U2' STAMP HOLDER



WELCOMES ALL



WHY CHOOSE US



LISTEN & CARE

We understand the issues, and come up with solutions.



PASSIONATE TEAM

Focused on achieving targets & accomplishing goals.



FASTER DELIVERY

Reducing cycle time by improving internal processes daily.



ADVANCED TECHNOLOGY

We implement the latest in engineering & fabrication techniques.



COST EFFECTIVE SERVICES

Identify the key costs in the Project Budget to reduce where possible.



SELECTIVE STRATEGIES

Adopt procedures that benefit the project overall.



CUSTOMER CENTRIC APPROACH

Focused on providing a positive customer experience both at the point of sale & after.



EXPERT ENGINEERS

Strong technical, communication, and leadership skills.



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OUR MISSION

Here at GR, we aim to provide world class products & services to our customers.

Every critical aspect of a project is managed by our highly skilled & experienced staff, enabling us to provide competitive costs, on-time delivery, and high-quality workmanship.

We continually strive to upgrade our internal processes and skills, and consider OUR PEOPLE as our biggest assets in fulfilling our commitments to the client.





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ASME 'U' 'U2' & 'R' STAMP HOLDER

AN ISO 9001 – ISO 14001 – ISO 45001 COMPANY

TYPE OF COMPANY - PRIVATE LIMITED

TYPE OF MANAGEMENT - OWNER MANAGED

COMPANY INCORPORATION - 1966



100+

SATISFIED CUSTOMERS



100%

CLIENT RETENTION



1400+

TOTAL PROJECT



29

RUNNING PROJECT



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Mr. R. D. HARIANI
CHAIRMAN & MANAGING
DIRECTOR

BOARD OF DIRECTORS

CHAIRMAN & MANAGING DIRECTOR - Mr. R. D. HARIANI

DIRECTOR - Mr. GIL ZIEGELBAUR

CHAIRMAN & MANAGING DIRECTOR'S BACKGROUND

BSC. MECHANICAL ENGINEERING FROM THE UK

40 + YEARS EXPERIENCE IN THE FIELD OF FABRICATION



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GR Engineering Private Limited has a Head Office located in Mumbai and the workshop is located in Tarapur, which is about 120 Kms from Mumbai.



-  MUMBAI (HEAD OFFICE)
-  TARAPUR (WORKS)





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LOCATIONS



REGD. OFFICE: POONAM CHAMBER,
Dr. A. B. ROAD, WORLI, MUMBAI



TARAPUR WORKS: G-14, MIDC,
INDUSTRIAL AREA, TARAPUR,
DIST. PALGHAR



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PRODUCT RANGE

HIGH PRESSURE VESSELS	COLUMNS & TOWERS	SHELL AND TUBE HEAT EXCHANGER & HELIX EXCHANGER	REACTORS & REGENERATORS	MOUNDED STORAGE BULLETS	HORTON SPHERE	EPC PROJECTS



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ENLISTMENT WITH THE FOLLOWING COMPANIES

 IndianOil	 हिन्दुस्तान पेट्रोलियम	 Bharat Petroleum energising lives	 ओ एन जी सी ONGC	 HMEL	 thyssenkrupp
 A Navratna Company	 Technip	 Reliance Industries Limited	 TOYO ENGINEERING	 G.N.F.C.	 Brahmaputra Cracker and Polymer Limited
 पी डी आई एल PDIL	 Tecnimont	 ABB	 एन एफ एल NFL National Fertilizers Limited	 GAIL (India) Limited	 IFFCO
 Lurgi	 WorleyParsons resources & energy JACOBS	 FW	 Linde Engineering Linde	 CPCL	 TATA TATA PROJECTS



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EXPORT CLIENT LIST



شركة تنمية نفط عُمان
Petroleum Development Oman



INEOS
Oxide





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OUR SERVICES

Complete Project Management for Construction of Process Plants for Oil & Gas Refineries, Petrochemicals, Fertilizer, and Nuclear Power Plants on EPC/LSTK Basis

Residual
&
Detailed Design

Procurement
&
Material
Management

Installation
&
Erection

Pre-commissioning
&
Commissioning

Total Project
Management

Planning,
Scheduling,
Monitoring

Construction
Management

Quality
Assurance



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HSE & QUALITY POLICY



G. R. ENGINEERING PRIVATE LIMITED

OH&S POLICY

G.R. ENGINEERING PRIVATE LIMITED, engaged in manufacturing of Process Equipment intended for Refinery, Petrochemical, Nuclear and Fertilizer industry complying with National or International standards, along with customer requirements. GR's Health & Safety Policy covers all activities at the facility, including safety, quality assurance and business development. The policy includes a commitment to continual improvement and prevention of pollution, as well as a commitment to meet or exceed relevant OH&S legislation, regulations and other requirements. The policy will be reviewed in Management Review meeting by top management, communicated to all employees and made available to the public in accordance with the Communications procedure. Objectives and targets are created to support policy commitments and will be regularly reviewed to ensure ongoing support of the policy.

We further committed for continual improvement in Occupational Health & safety performance.

To achieve this, we commit ourselves to:

- Comply with all applicable legislation and other requirements to which we subscribe.
- Eliminate, minimize or control the occupational ill health & safety (OH&S) hazards and risks.
- Proactively monitor the incidents, unsafe conditions, unsafe acts, hygiene and promptly report and act on such conditions.
- Follow working procedures & practices with self-discipline and hold everyone accountable for their OH&S performance.
- Strengthen awareness, skills and competence of our employees & contractor workmen through their ongoing training & involvement.
- Provide high degree of safety promotion and encourage safe behavior among all.
- Periodically review the adequacy, suitability and effectiveness of our OH&S management systems.

Date :01.04.2019

MANAGING DIRECTOR



G. R. ENGINEERING PRIVATE LIMITED

QUALITY POLICY

It is our endeavor to Design and Manufacture of process equipment intended for the Refinery, Petrochemical, Nuclear and Fertilizer industry complying with National or International standards along with customer & relevant interested parties' requirements.

We at GR are committed to attain International Leadership in Engineering and Manufacturing through –

- Training and development of employees at all levels
- Establishing measurable quality objectives and key performance indicators at Relevant functions and levels.
- An excellent level of built-in quality resulting in safe and reliable performance.
- Achievement of total customer satisfaction.
- Meeting statutory, regulatory and applicable requirements.
- Enhancing customer satisfaction.
- Improvement in quality & operational efficiency
- Ensuring minimum rejection & rework during manufacturing.

We are further committed to all stakeholders in the complete process of execution of product delivery including Post-Delivery activities.

We believe on customer focus and ensure that we continually improve our product & services towards effectiveness of Quality Management System.

Date :01.04.2019

MANAGING DIRECTOR



G. R. ENGINEERING PRIVATE LIMITED

ENVIRONMENTAL POLICY

G.R. ENGINEERING PRIVATE LIMITED is a professional and environmentally conscious organisation which acknowledges the impact that our operations may potentially have on the environment.

The organisation fully commits to:

- protect the environment
- implement and maintain an environmental management system that is in compliance with ISO 14001: 2015 & enhance environmental performance
- Determine & evaluate fulfillment of the compliance obligations
- allocate suitable and sufficient resources which enable the company to achieve its environmental aims and objectives
- prevent pollution, reduce waste and ensure that, wherever practical, measures are implemented to protect and preserve natural habitats, flora and fauna
- take action to eliminate or reduce, as far as practicable, any potentially adverse environmental impacts
- promote environmental awareness amongst our suppliers, contractors and partners by the implementation of operational procedures
- complete internal audits and following a path of continuous improvement
- ensure that directors and management are fully engaged in the management of environmental issues
- seek to work in partnership with the community by behaving in a considerate and socially responsible manner
- ensure effective and appropriate incident control, investigation and reporting
- Assess and, where practicable to do so, reduce the environmental impact of the company's products and services.

Date :01.04.2019

MANAGING DIRECTOR



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INTEGRATED QUALITY MANAGEMENT SYSTEM – ISO CERTIFICATION



CURRENT CERTIFICATE

CERTIFICATE EXPIRY

SEPTEMBER 2022

SEPTEMBER 2025



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ASME ACCREDITATION

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:

G.R. Engineering Private Limited
G-14, M.I.D.C. Industrial Area
Tarapur, Maharashtra 401 506
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: December 07, 2023
EXPIRES: December 07, 2026
CERTIFICATE NUMBER: 38172

Board Chair, Conformity Assessment

Managing Director, Standards & Engineering Services

COLOR COPY

DATE OF RENEWAL

OCTOBER 2023

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:

G.R. Engineering Private Limited
G-14, M.I.D.C. Industrial Area
Tarapur, Maharashtra 401 506
India

SCOPE:

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

AUTHORIZED: December 07, 2023
EXPIRES: December 07, 2026
CERTIFICATE NUMBER: 41698

Board Chair, Conformity Assessment

Managing Director, Standards & Engineering Services

COLOR COPY

DATE OF EXPIRY

DECEMBER 2026



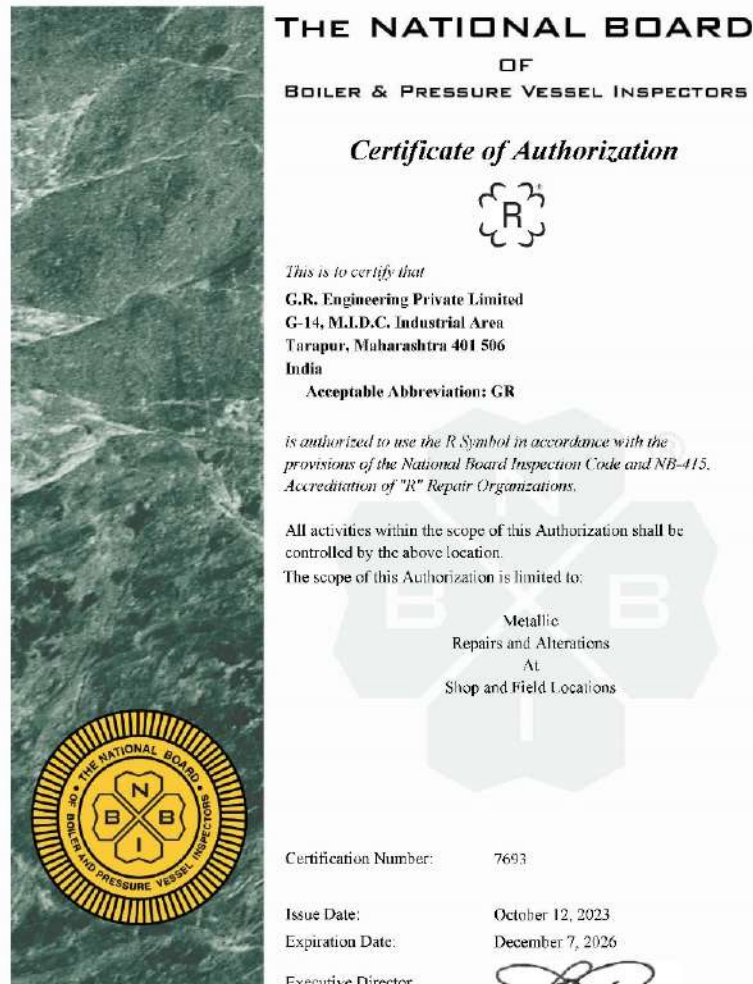
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NBIC ACCREDITATION

NABL ACCREDITATION





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INSPECTION & TESTING

In-House Non-Destructive Testing (NDT) Facilities:

- ❖ Radiography (Separate Enclosure)
 - ☐ X-Ray
 - ☐ Gamma Ray (Cobalt 60, Ir. 192)
- ❖ Ultrasonic Flaw Detection (UT)
- ❖ Advanced / Automated UT –
Time-of-Flight Diffraction (TOFD) &
Phased Array UT (PAUT)
- ❖ Magnetic Particle Testing (MT)
- ❖ Dye Penetrant Testing (PT)
- ❖ Positive Material Identification (PMI)
- ❖ Ferrite Check
- ❖ DFT Coating Thickness Meter
- ❖ Pneumatic Testing
- ❖ Helium Leak Detection
- ❖ Hydrostatic Testing
 - ☐ Up to 500 Kg/cm² g
 - ☐ Time Vs. Pressure Recording

In-House NABL Accredited Laboratory for Mechanical Testing:

- ❖ Tensile Testing
- ❖ Impact Testing up to Minus (-) 195 °C
- ❖ Bend Testing
- ❖ Shear Bond Testing
- ❖ Hardness Testing



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HEAT TREATMENT

POST WELD HEAT TREATMENT (PWHT)

POST FORMING HEAT TREATMENT (PFHT) : NORMALIZING / STRESS RELIEVING

☐ Diesel LDO Fired Bogie Hearth Furnace

- 60 MT / HEAT

- 6 M (H) × 6 M (W) × 12 M (L)

- Operating Temp. – 920 °C

- Design Temp. – 1100 °C

☐ Modular Furnace for ODCs

☐ Internal firing

☐ Local Electric Heating



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MANUFACTURING – TARAPUR WORKS (MIDC)



BAY A (LIGHT)

SIZE – 22 M WIDE × 140 M LONG



BAY B (MACHINING)

SIZE – 20 M WIDE × 140 M LONG



BAY C (HEAVY)

SIZE – 27 M WIDE × 160 M LONG





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SHOP FABRICATED COLUMN

MAXIMUM PARAMETERS

DIAMETER	:	6.8 METERS
LENGTH	:	110 METERS LONG
THICKNESS	:	102 MM
WEIGHT	:	225 MT (SINGLE PIECE)

ITEM DESCRIPTION	MATERIAL OF CONSTRUCTION	GRADE
Regenerator,	CS/LTCS	SA 516 GR 60/ 70, SA 537 CL 1/2
Main	SS	SS 300 series, 347, 405, 410S, Duplex, DSS etc...
Fractionator,		
Absorber,	LAS	SA 387 GR 5/ GR11 CL 1/2
De-butaniser,		
Stripper,	Clad	SA 516 GR 60 / 70 (NACE + HIC) / SA 387 Gr 11
Stage Stripper		/ Gr 22 + 304, 304 L, 316, 316 L, 410 S, 321,
Amine Absorber,		347 etc.
Xylene, etc.		



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SHOP FABRICATED PRESSURE VESSEL

MAXIMUM PARAMETERS

DIAMETER	:	6.5 METERS
LENGTH	:	35 METERS LONG
THICKNESS	:	125 MM
WEIGHT	:	425 MT (SINGLE PIECE)

ITEM DESCRIPTION	MATERIAL OF CONSTRUCTION	GRADE
H2, HP Storage, HC Flare Gas Compressor Suction Drum, Gasoline Condensate Drum, Slop Drum, Gasoline Condensate Drum, Fuel Gas Separator, Crude De-salter, etc	CS Clad	SA 516 GR 60/ 70, SA 516 GR 60 (NACE + HIC) / SA 387 GR 11 / GR 22 + 316 L Clad



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SHOP FABRICATED HEAT EXCHANGER LIST

MAXIMUM EXECUTED

TUBE SHEET THICKNESS	:	430 mm
TEST PRESSURE	:	395 KG / Cm ² g
DIAMETER	:	2100 mm
NUMBER OF TUBES	:	4100

TYPE OF EXCHANGER

MATERIAL OF CONSTRUCTION

	SHELL	TUBE SHEET	TUBES
FIXED TUBE SHEET – WITH & WITHOUT EXPANSION BELLOW, FLOATING HEAD, KETTLE TYPE, HELIXCHANGER® etc.	CS / LTCS (incl. HIC)	CS	CS
	SS, SUPER DUPLEX	SS	SS
	LAS	LAS	LAS
	INCONEL/MONEL CLAD, TITANIUM, NON-FERROUS (BRASS, Cu-Ni)	CLAD IN ALL GRADES	TITANIUM FIN TUBES



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TRANSPORATION OF ODCs FROM TARAPUR FACTORY





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LIST OF SHOP FABRICATED EQUIPMENT'S FOR HMEL BATHINDA

SR NO.	GR WO / TAG NO.	CLIENT	DESCRIPTION	SIZE (in mm)	WT in MT
01	837-E-10 / 911-CC-2201	HMEL BHATINDA	HP DEPROPANIZER	56/64/84THK X 4700 / 3900 ID X 43.5MTR O.L	320
02	837-E-20 / 911-CC-2202		LP DEPROPANIZER	36/24THK X 3000 / 3600 ID X 51.775MTR O.L	155
03	837-E-30 / 912-CC-2701		ROG DEMETHANIZER COLUMN	18/28THK X 3400 / 2500 ID X 45.75MTR O.L	100
04	837-E-40 / 912-CC-2702		ROG DEPROPANIZER	40/48THK X 2400 / 4100 ID X 41.7MTR O.L	182
05	837-E-50 / 911-CC-3001		DEMETHANIZER COLUMN	24/28THK X 2400 / 3600 / 4800 ID X 69.15MTR O.L	195



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LIST OF SHOP FABRICATED EQUIPMENT'S FOR HMEL BATHINDA

SR NO.	GR WO / TAG NO.	CLIENT	DESCRIPTION	SIZE (in mm)	WT in MT
06	838-E-10 / 933-VV-4023	HMEL BHATINDA	REACTOR DUMP TANK	43THK X 4300 ID X 28.55MTR O.L	151
07	838-E-20 / 933-VV-5001		PURGE COLUMN	36THK X 7200 ID X 32.08MTR O.L	230
08	839-E-10 / 933-CC-5041		DEHEXANIZER COLUMN	65/70/85THK X 2000 ID X 68.49MTR O.L	216
09	839-E-20 / 933-CC-5061		DETHANIZER COLUMN	26THK X 1900 ID X 46.365MTR O.L	75
10	840-E-10 / 933-VV-2010		CHLORIDE GUARD BED	103THK X 3400 ID X 19.91MTR O.L	185
11	840-E-20 / 933-VV-2013A/B		ETHYLENE TREATER	106THK X 3500 ID X 24.11MTR O.L	240
12	840-E-30 / 933-VV-8061		HIGH PRESSURE NITROGEN SURGE TANK	68THK X 2500 ID X 9.53MTR O.L	45



LIST OF SHOP FABRICATED HEAT EXCHANGERS (HELICAL BAFFLE) 33NOS FOR HMEL BATHINDA

SR NO.	GR WO / TAG NO.	CLIENT	DESCRIPTION	SIZE (in mm)	WT in MT
01	833-E-10 / 911-EE-1201	HMEL BHATINDA	QUENCH OIL/ DILUTION STEAM DRUM PREHEATER	14THK X 1370 ID X 14755 O.L	55
02	833-E-20 / 911-EE-1204A-H		QUENCH OIL/ DILUTION STEAM REBOILER	18THK X 2100 ID X 13036 O.L EACH	96
03	833-E-30 / 911-EE-1301A-C		QUENCH WATER COOLER NO.1	24THK X 2250 ID X 15922 O.L EACH	120
04	833-E-40 / 911-EE-1302A-B		QUENCH WATER COOLER NO.2	14THK X 2350 ID X 12210 O.L EACH	96
05	833-E-50 / 911-EE-2001A-D		CGS FIRST STAGE AFTERCOOLER	14THK X 2928 ID X 11948 O.L EACH	82
06	833-E-60 / 911-EE-2002A-C		CGS SECOND STAGE AFTERCOOLER	18THK X 1800 ID X 11880 O.L EACH	60
07	833-E-70 / 911-EE-2003A-B		CGS THIRD STAGE AFTERCOOLER NO.1	24THK X 1500 ID X 11500 O.L EACH	46
08	833-E-80 / 911-EE-4105A-D		PROPYLENE FRACTIONATOR CONDENSER	25THK X 2200 ID X 16822 O.L EACH	122
09	833-E-90 / 911-EE-5001A-D		PROPYLENE REFIRGERATION CONDENSER	28THK X 2500 ID X 16656 O.L EACH	155
10	833-E-100 / 914-EE-4508A-B		RERUN TOWER CONDENSER	14THK X 1850 ID X 11635 O.L EACH	56



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RECENT LIST OF SHOP FABRICATED EQUIPMENT'S FOR HMEL BATHINDA





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RECENT LIST OF SHOP FABRICATED EQUIPMENT'S FOR HMEL BATHINDA





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LIST OF SHOP FABRICATED EQUIPMENT'S FOR HMEL BATHINDA





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TRANSPORTATION OF ODCs FROM TARAPUR FACTORY

EQUIPMENT MOVEMENT PERMISSIBLE BY ROAD

WEIGHT	:	250 MT
MAX. OD	:	6,000 MM
MAX. LG	:	48,000 MM

Our works has direct excess to the Western Express Highway. The above dimensions are restricted due to road route logistical constraints (e.g. flyover bridges, Sign Boards, high tension wires, bridge load bearing capacity etc.)

MULTI-MODAL TRANSPORT

In the case of oversized equipment, GR has an exceptional execution team having vast experience managing large-scale projects consisting of large diameter vessels on site throughout India and abroad. For equipment unable to transport by road, we have our own jetty just 5 kilometers from our manufacturing complex.



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SITE FABRICATED EQUIPMENT

**CLIENT- ASSAM BIO REFINERY
PROJECT- BIO REFINERY PROJECT,
NUMALIGARH**

SUPPLY & ERECTION OF SITE FABRICATED EQUIPMENTS

1. 110-VV-0002- BLOW HEAT
ACCUMULATOR (SA 240 TYPE 2507
(UNS NO-S32750) SUPER DUPLEX
2. 110-VV-003- BLOW TANK (SB 265
GRADE-2 (UNS R50400) TITANIUM
3. 115-TT-0016- CELLULOSE STORAGE
TANK (SA 240 GR.316L)





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SITE FABRICATED EQUIPMENT

MAIN FRACTIONATOR

- Internal Dia - 8 meter
- Length - 54 meter
- Weight - 450 MT
- MOC- SA 516 Gr70+SA 240 Gr304 L

STRIPPER & RECTIFIER

- Internal Dia – 7.9 meter
- Height – 85 meter
- Weight-1250 MT each
- MOC- SA 516 Gr70





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Intertek



014

SITE FABRICATED EQUIPMENT

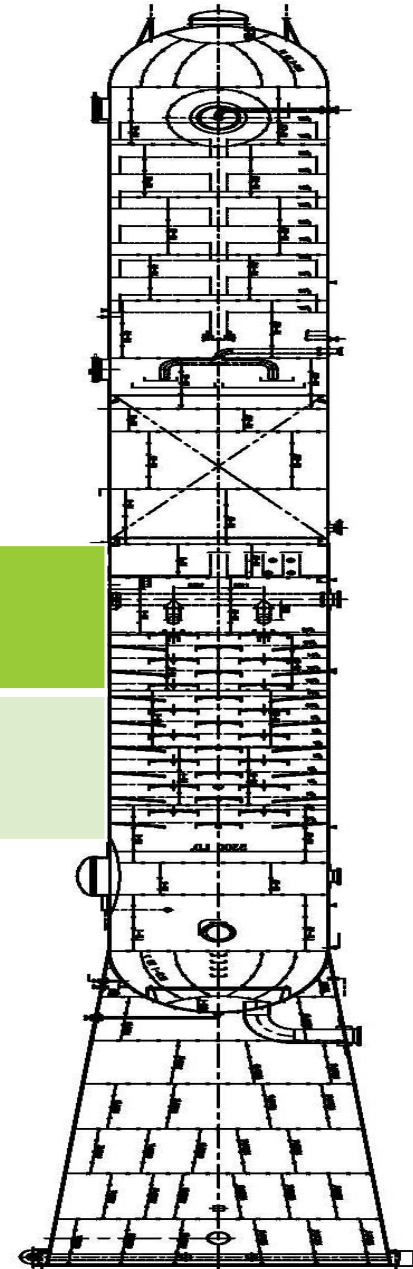
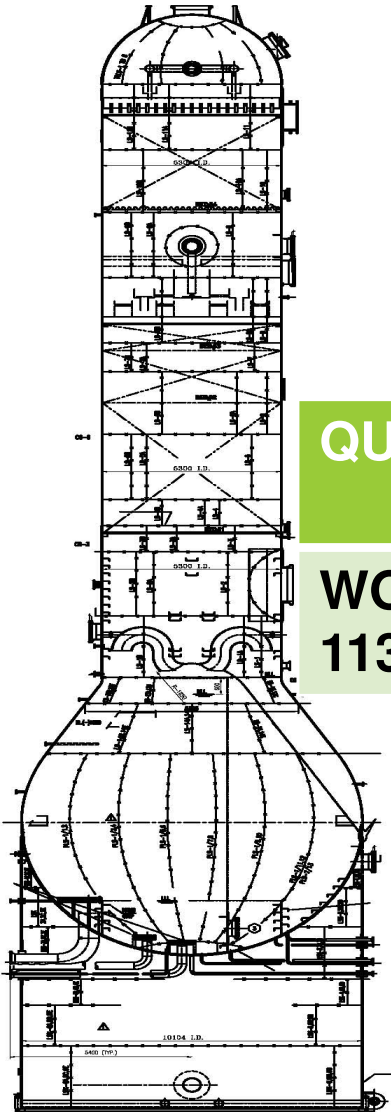
CLIENT:- BCPL, ASSAM
PROJECT:- 22000 TPA ETHYLENE PLANT
PMC:- EIL, New Delhi
P.O. NO:- 6907-113-CC-PR-6405
EIL JOB NO. 6907

QUENCH TOWER

WO 684-E-20
113-CC-103

GASOLINE FRACTOINATOR

WO 684-E-10
ITEM NO: 113-CC-101





SITE FABRICATED EQUIPMENT

CLIENT:- BCPL, ASSAM

PROJECT:- 22000 TPA ETHYLENE PLANT

PMC:- EIL, New Delhi

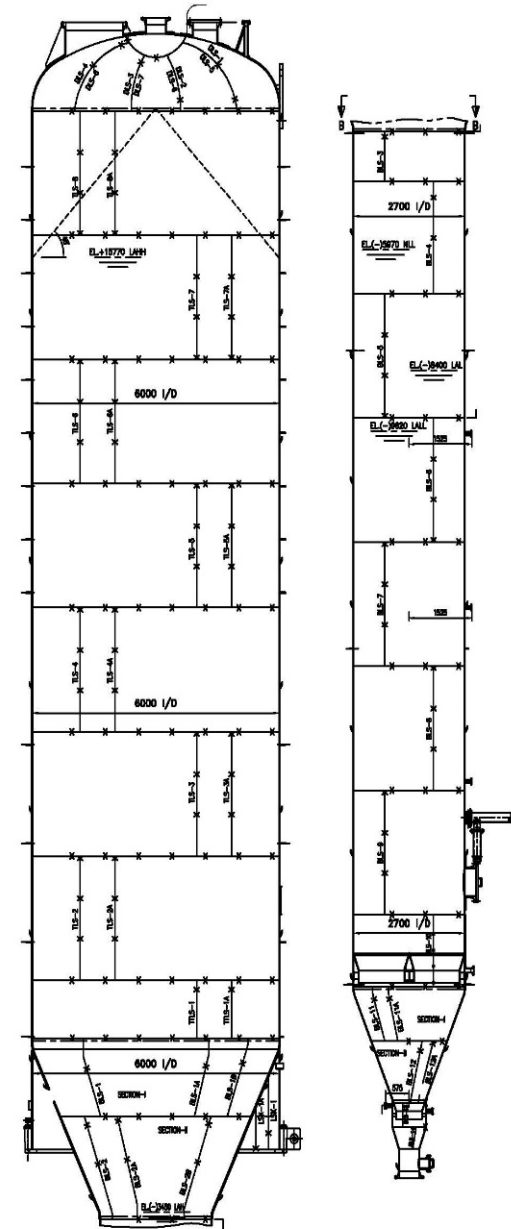
P.O. NO:- 6907-113-CC-PR-6405

EIL JOB NO. 6907

PURGE COLUMN

WO 684-E-10

ITEM NO: 117-VV-440





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SITE FABRICATED EQUIPMENT

CLIENT:- BCPL, ASSAM

PROJECT:- LLDPE/HDPE, LEPETKATA

PMC:- EIL, New Delhi

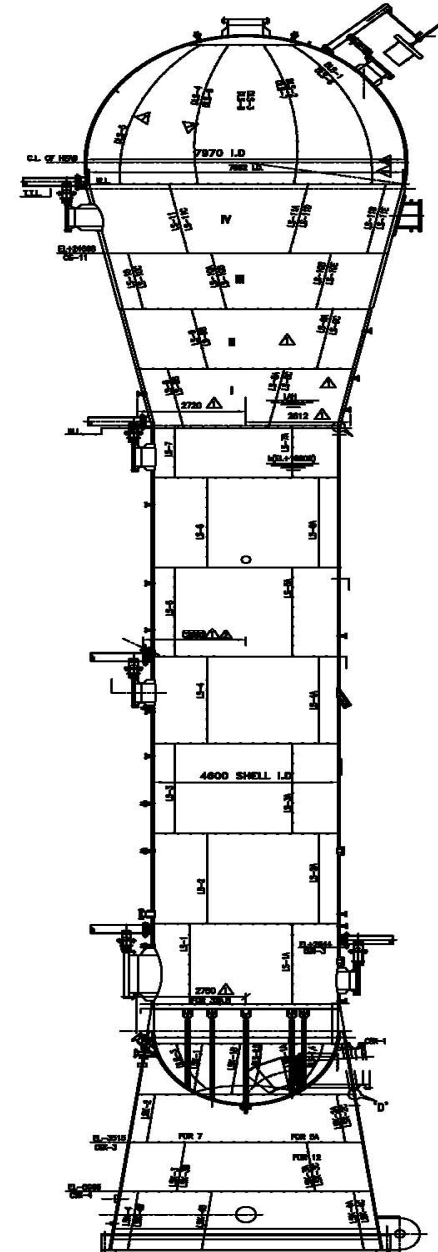
P.O. NO:- 6907-117-RA-PR-6000

EIL JOB NO. 6907

POLYMERIZATION REACTOR

WO 685-E-10

ITEM NO: 117-RB-400





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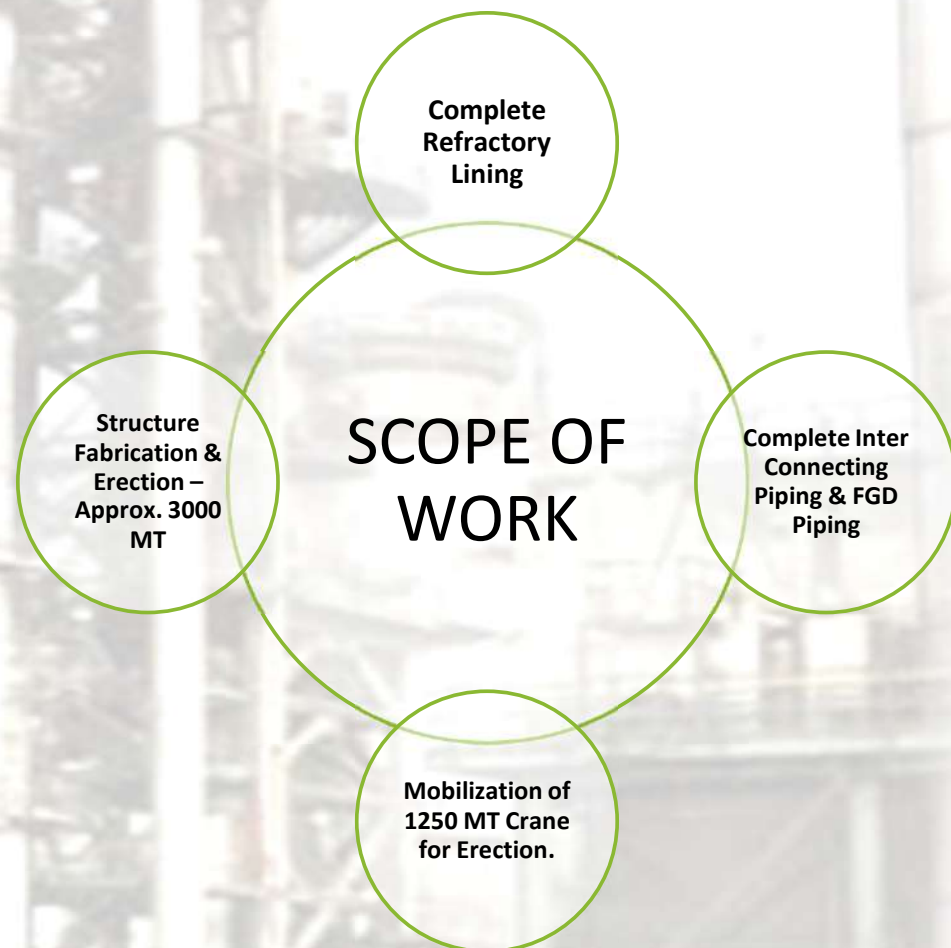
EPCC/LSTK PROJECTS

CLIENT: HMEL, BATHINDA

PROJECT: RR PACKAGE

UNIT: FCCU

REACTOR	:	13,000 MM DIA x 68,000 MM HEIGHT
REGENERATOR	:	15,000 MM DIA
TOTAL FABRICATION	:	1200 MT
MOC	:	SA 516 GR 70 & 387 GR 11 CL 1



A Navratna Company



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EPCC/LSTK PROJECT

HMEL RR PACKAGE - SCOPE OF WORK

ENGINEERING	:	DETAILED DESIGN
PROCUREMENT	:	ALL MAJOR BOUGHT OUTS
FABRICATION & ERECTION	:	CIVIL/STRUCTURAL, E&I, MECHANICAL
COMMISSIONING	:	CLIENT SCOPE



A Navratna Company



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EPCC/LSTK PROJECT



A Navratna Company



Reactor

Regenerator

Erection of Top Dish with cyclones



Reactor Under Erection



Regenerator Under Transportation from Fabrication yard to Site



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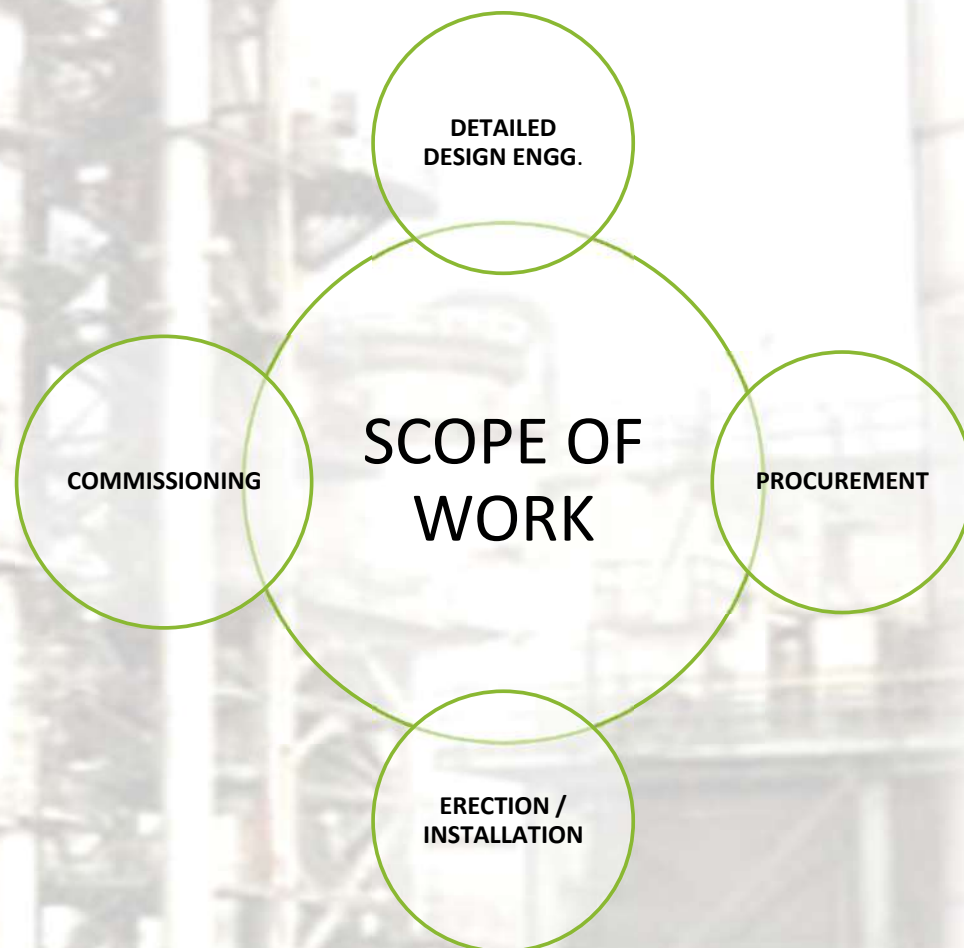
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EPCC/LSTK PROJECT

CLIENT: BPCL, KOCHI
PROJECT: RR PACKAGE
UNIT: FCCU

REACTOR	:	13,000 MM DIA x 68,000 MM HEIGHT
REGENERATOR	:	15,000 MM DIA
TOTAL FABRICATION	:	
MOC	:	SA 516 GR 70 & 387 GR 11 CL 1



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EPCC/LSTK JOBS



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EPCC/LSTK JOBS

MOUNDED STORAGE BULLETS

GREPL has pioneered the construction of mounded storage vessels for the storage, transfer, and conversion of LPG, propane, butane, and has so far commissioned more than 113 storage vessels equaling a total of 1,00,000 MT worth of storage capacity.

GREPL is the first company in India to fabricate and install a mounded storage vessel facility for storage of LPG having capacity $3 \times 1,400$ MT in a single mound for Gas Authority of India Limited (GAIL) in 1998. This facility included fabrication & erection of 3 Nos. bullet of 7.2 meter diameter $\times$ 80 meter long including complete civil, piping, electrical/instrumentation and cathodic protection on LSTK turnkey basis.





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Recent completed Project (Mounded Bullet)

- BEXIMCO – MONGLA, BANGLADESH
- SCOPE- TOTAL DESIGN & ENGINEERING, MECHANICAL EQUIPMENTS & PIPING WORKS, FIRE PROTECTION SYSTEM, ELECTRICAL WORKS, INSTRUMENTATION & FIRE SCREEN WORKS
- We have taken water front land of fabrication in West Bengal for direct ro-ro operation of equipment from the fabrication yard in India up to our job site in Bangladesh.



Fabrication of bullet section
at Budge budge, Kolkata, India,



Dispatch of bullet section
From Kolkata, India jetty to
Bangladesh



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Recent completed Project (Mounded Bullet)

- BEXIMCO – MONGLA, BANGLADESH





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Recent completed Project (Mounded Bullet)

- **IOCL Gujrat - DUMAD :**
 - LSTK –G1 PROPYLENE MOUNDED BULLET AND UNLOADING FACILITY FOR ACRYLICS/OXO ALCOHOL PROJECT





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EPCC/LSTK JOBS: HORTON SPHERE



GREPL has supplied Horton Spheres for storage/transfer of LPG / Propane / Propylene / Butane on EPC basis for various Refineries / Petrochemicals / Nuclear plant in India & Sri Lanka.



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Major Completed EPC Project

- **CCR UNIT OF BPCL KOCHI REFINERY**

- **PMC EIL**

The brief scope of work includes overall project management, residual process design, design engineering including HAZOP & 3D modelling. Procurement of all bought out items & supply of all materials including tagged and non-tagged items. Fabrication of equipment, piping, super-structure including carrying out all civil, mechanical, electrical, instrumentation, fire fighting, trail runs, and performance guarantee. Pre-commissioning & commissioning assistance for handing over the unit to the Client.

The Mechanical Completion of the CCR Unit was done in March 2021 and the job is commissioned in April 2021 and successfully under operation.





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Major Completed EPC Project

ONGC Petro additions Ltd. (OPaL) Dahej: C4 Hydrogenation Unit

Pre-engineering Site Survey incl. Soil Investigation & GRP Ground Mapping,
Detailed Engineering,
Complete Supply and Installation of all the Equipment, Piping, Electrical, Instrumentation and Bulk Materials,
Complete Supply of all Civil Materials and complete execution of Civil Works,
Complete supply of Modularized Structure, Welding and Erection of Structures,
Hiring of suitable Cranes at site for installation of Equipment, Piping and Structures,
Statutory certifications, Inspection and Testing, Painting, Insulation,
Pre-Commissioning, Commissioning and Stabilization & PGTR,
Plant handover & 3 Months Operational Assistance.





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RECENT LIST OF SITE FABRICATED SUPER HEAVY EQUIPMENT'S

SR NO.	GR WO / TAG NO.	CLIENT	DESCRIPTION	SIZE (in mm)	WT in MT
01	829-E-10 / 911-CC-1201	HMEL BHATINDA	GASOLINE FRACTIONATOR	54T HK X 13000 ID X 65000 OL	1784
02	829-E-20 / 911-CC-1301		QUENCH TOWER	56 THK X 12300 ID X 60200 OL	1650
03	829-E-30 / 911-CC-2101		CAUSTIC / WATER WASH TOWER	54 THK X 6700 ID X 66166 OL	940
04	829-E-40 / 911-CC-4002		ETHYLENE FRACTIONATOR	58 THK X 6200 ID X 94550 OL	1077
05	829-E-50 / 911-CC-4101		PROPYLENE FRACTIONATOR NO. 1	85 THK X 8700 ID X 102865 OL	2230
06	829-E-60 / 911-CC-4102		PROPYLENE FRACTIONATOR NO. 2	75 THK X 7800 ID X 62690 OL	1200



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RECENT LIST OF SITE FABRICATED EQUIPMENT





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RECENT SITE FABRICATED EQUIPMENT

**CLIENT: HMEL, EQUIPMENT: GASOLINE
FRACTIONATOR
TAG NO. 911-CC-1201 (829-E-10)**

INTERNAL DIA	:	13 Mtr
LENGTH	:	65 Mtr
WEIGHT	:	1784 MT
MOC	:	SA 516 GR 70





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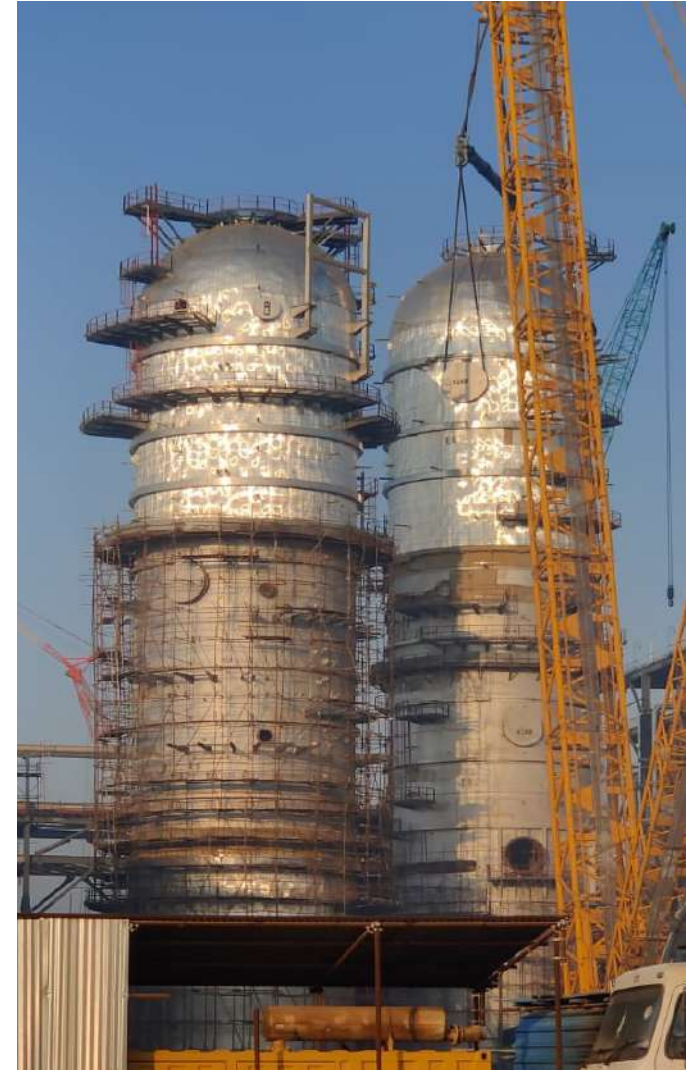
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RECENT SITE FABRICATED EQUIPMENT

CLIENT: HMEL, EQUIPMENT: QUENCH TOWER
TAG NO. 911-CC-1301 (829-E-20)

INTERNAL DIA	:	12.3 Mtr
LENGTH	:	60.2 Mtr
WEIGHT	:	1650 MT
MOC	:	SA 516 GR 70





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RECENT SITE FABRICATED EQUIPMENT

CLIENT: HMEL, EQUIPMENT: CAUSTIC WATER WASH TOWER,
TAG NO. 911-CC-2101 (829-E-30)

- INTERNAL DIA - 6.7 M
- LENGTH - 66 M
- WEIGHT - 940 MT
- MOC - SA 516 Gr 60





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RECENT SITE FABRICATED EQUIPMENT

CLIENT: HMEL, EQUIPMENT: ETHYLENE FRACTIONATOR

TAG NO. 911-CC-4002 (829-E-40)

INTERNAL DIA : 6.2 Mtr

LENGTH : 95 Mtr

WEIGHT : 1077 MT

MOC : SA 516 GR 60





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RECENT SITE FABRICATED EQUIPMENT

CLIENT: HMEL, EQUIPMENT: PROPYLENE
FRACTIONATOR NO. 1
TAG NO. 911-CC-4101 (829-E-50)

INTERNAL DIA	:	8.7 Mtr
LENGTH	:	103 Mtr
WEIGHT	:	2230 MT
MOC	:	SA 516 GR 70



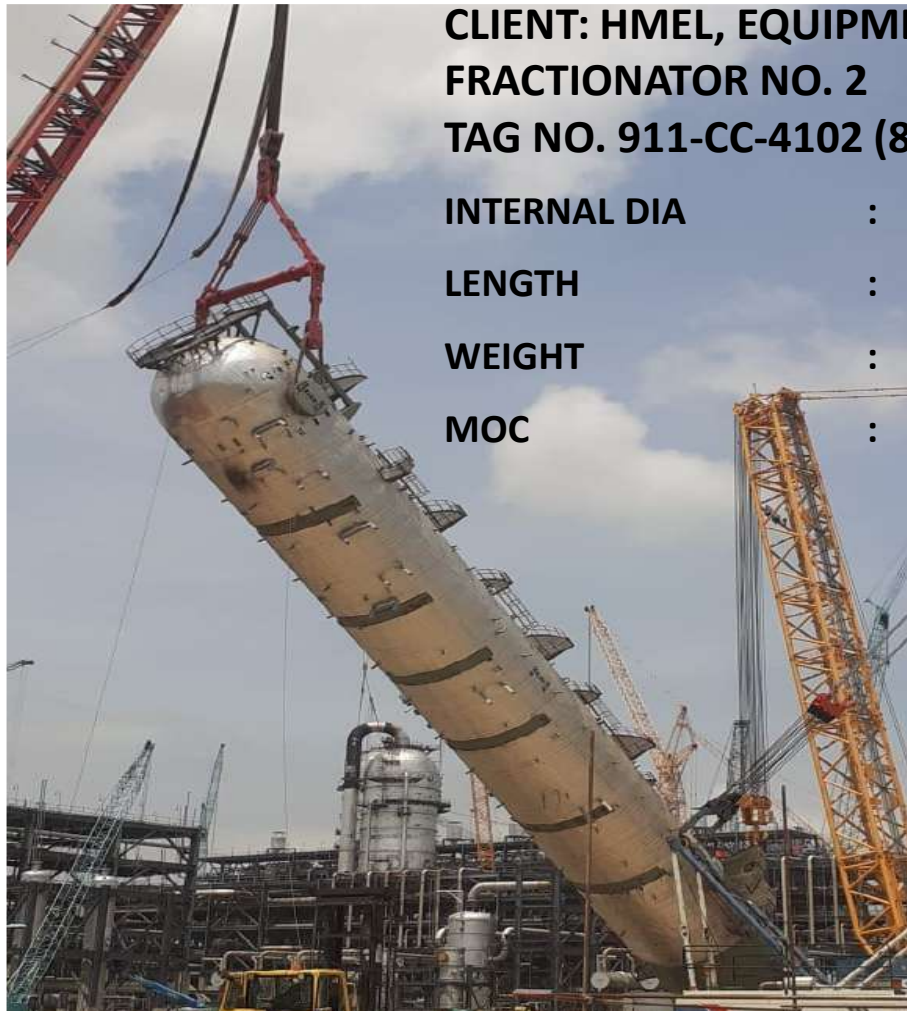


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RECENT SITE FABRICATED EQUIPMENT



**CLIENT: HMEL, EQUIPMENT: PROPYLENE
FRACTIONATOR NO. 2**

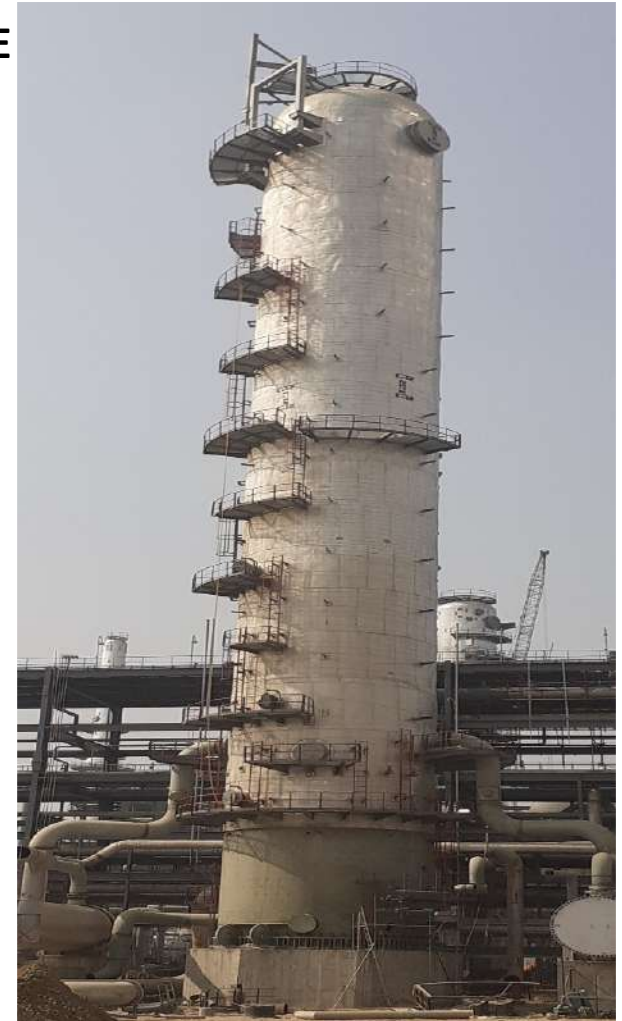
TAG NO. 911-CC-4102 (829-E-60)

INTERNAL DIA : 7.8 Mtr

LENGTH : 62.7 Mtr

WEIGHT : 1200 MT

MOC : SA 516 GR 70





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Major ongoing Projects

- **IOCL GUJARAT REFINERY :**
 - LPG MOUNDED BULLET- 44THK SHELL X 7000ID X 80MTR O.L- 4NOS
 - PROPYLENE MOUNDED BULLET- 54THK SHELL X 8500ID X 71MTR O.L- 4NOS
 - AILED FACILITIES FOR J18 PROJECT





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Major ongoing Projects

- IOCL GUJARAT REFINERY - RR PACKAGE AND OTHER EQUIPMENTS FOR PRU & RFCC UNIT
- THROUGH MEGHA ENGINEERING & INFRASTRUCTURE LTD:
 - PETROCHEMICAL & LUBE INTEGRATION PROJECT LuPech (J-18)





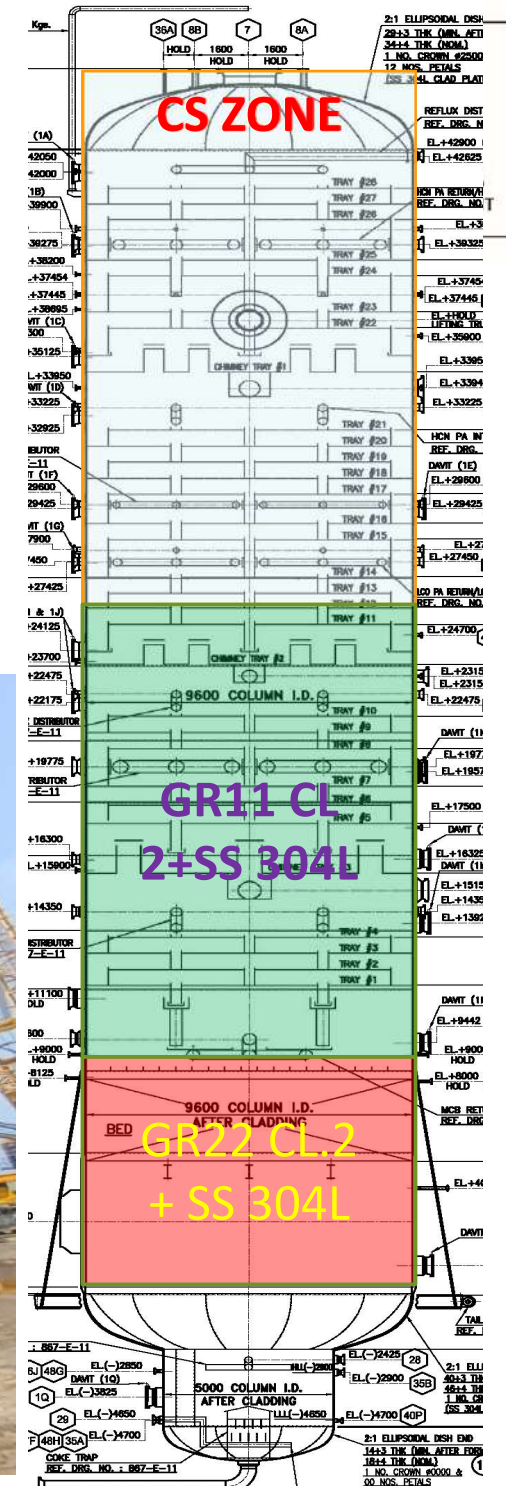


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Major ongoing Projects

- IOCL PANIPAT MAIN FRACTIONATOR COLUMN PACKAGE IN INDMAX UNIT FOR PANIPAT REFINERY EXPANSION PROJECT (P25)
- TAG NO. 412-C-2001 (867-E-10)
- INTERNAL DIA: 9600 MM, LENGTH: 52 MTRS
- WEIGHT: 900 MT





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Major Recent ongoing Projects

- **NRL ASSAM, RXRG PACKAGE JOB FOR PFCC UNIT**

Supply of Reactor & Regenerator (RXRG) Package for PFCC Unit for Numaligarh Refinery Expansion Project

- **Mundra Petrochem Ltd. (Adani) 1 MMTPA Green PVC Project for Supply of Horton Spheres**

VCM Product Sphere - Tag Nos. A01-S-0001A-B (2 Nos) Weight: 552.00 MT/Each
(Total 1104 MT for 2 Nos)

VCM Check Sphere - Tag Nos. A01-S-0002A/B & A01-S-0003A/B (4 Nos)
Weight: 286.00 MT/Each (Total 1144 MT for 4 Nos)



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Major Recent ongoing Projects

- **Reliance Chemicals and Materials Limited (RCML)**

Supply of VCM Product Spheres (3Nos) & VCM Spec Sphere (1No) for Reliance Vinyls Program Nagothane .



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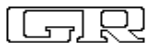


FACILITIES – HEAVY LIFTING

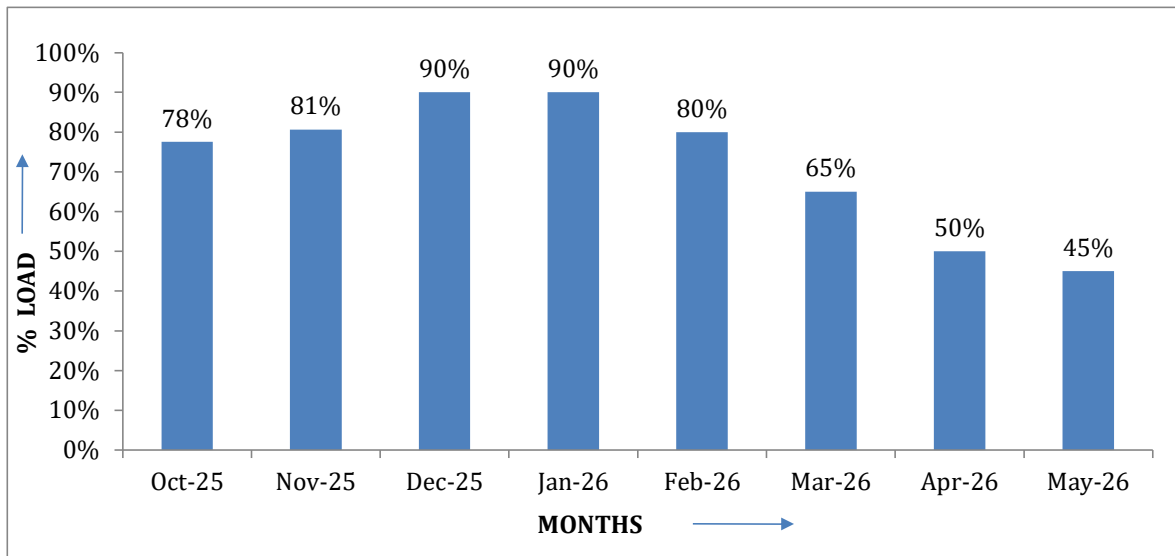
Our sister company, G.R Infrastructure Pvt. Ltd. provides crane rental & hiring services for the construction industry. GRIPL has it's own fleet of material handling equipment with capacity ranging from 35 MT to 270 MT.

On site mobilization for infrastructure, oil & gas, petrochemical, fertilizer, power, and wind mill projects across India including operators, machinery, and on site maintenance for every job.





Shop Load upto May 2026 (PRE-FABRICATED COMPONENTS FOR SITE JOBS & SHOP FABRICATED EQUIPMENTS)



MONTHS	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26
Total Capacity (MT)	800	800	800	800	800	800	800	800
Sch Load (MT)	620	645	720	720	640	520	400	360
% Load	78%	81%	90%	90%	80%	65%	50%	45%
Spare Capacity (MT)	180	155	80	80	160	280	400	440



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THANK YOU