



Baroda Equipment and Vessels Pvt. Ltd.

COMPANY PROFILE



Block 241-243, Muval-Mobha Road, Muval PO
Padra Taluk, Vadodara 391 430
Gujarat, India

Phone: +91 9099944802
Email: info@barodaequip.com
<https://barodaequip.com>

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Baroda Equipment and Vessels Pvt. Ltd.

Dear Sir / Madam,

Baroda Equipment and Vessels Private Limited is formed by a team of engineers with extensive hands on experience in the heavy engineering industry within India and abroad. The company has established a manufacturing plant in Padra Taluk, Vadodara District, Gujarat, India with an investment of USD 4.2 Million (Rs 35 Crores). The plant spread over 8 acres area and a workshop floor area of 8,625 SqM is equipped to manufacture static process plant equipment for oil refineries, gas processing plants, offshore oil & gas platforms, petrochemical plants, chemical plants, thermal / nuclear / hydro power plants, mining and metal refining, infrastructure sector etc. and a variety of other industries such as steel, aluminum, fertilizer, cement etc.

The facility holds ASME 'U', 'U2', 'S' and National Board USA 'R' and 'NB' Stamps for manufacture and repair of code stamped vessels, boilers, boiler components and pressure piping. The facility is authorized to manufacture pressure vessels under Pressure Equipment Directive PED/2014/68/EU Module H and H1 and AD2000 Merkblatt HP0. We are an approved shop under Indian Boiler Regulations. The shop is approved by Engineers India Ltd (EIL) and Petroleum & Explosives Safety Organization (PESO). The quality management system is certified to ISO 9001: 2015. OHS management system and EMS are certified to ISO 45001: 2018 and ISO 14001:2015 under a comprehensive Integrated Management System. Welding Management System is certified to ISO 3834-2.

We at BEV believe that excellence is not an attribute or end result, it is the attitude with which our business processes are created and sustained. We aim to become the preferred process plant equipment manufacturer for the industry.

I present an overview of the company and its capabilities in the following pages.

Er. Lekshminarayanan S
Managing Director



Where excellence is a way of life

INTRODUCTION

Baroda Equipment and Vessels Private Limited was incorporated as a private limited company in the State of Gujarat, India under the Companies Act, 1956. The plant started commercial operations in July 2009.

BEV is jointly promoted by Mechanical Engineers with extensive, hands on experience in the heavy engineering industry in global markets outside India. The team returned to India to start this green field venture in late 2007.

BEV is a world class heavy engineering manufacturing company that caters to the domestic as well as global process plant market, utilizing the management team's expertise in design, procurement, manufacturing, testing, certification and turnkey project management solutions.

Within a short span of time, BEV has been able to occupy a pride of place amongst the mid size global heavy engineering companies globally with its focus on quality, safety and on time delivery. BEV has supplied static process plant equipment to 150 asset owners across 43 countries through 84 satisfied clients. BEV's quality and OHS&E standards are seen as a benchmark for the industry in India.

As part of its ambitious growth plans, BEV has forayed into site construction sector. On 1st Jan 2025, BEV has secured its maiden project, viz., construction of carbon steel rubber lined storage tanks for a prestigious petrochemical plant in Mundra, Gujarat. BEV is also exploring opportunities in the multi discipline EPCC projects based on certain sunrise, frontline technologies. BEV is confident that it would soon establish a name for itself in the site construction and EPCC projects segments as well.



BARODA EQUIPMENT AND VESSELS PVT. LTD.

Vision

To become the process plant equipment manufacturer of choice in the global market.

Mission

To manufacture products that meet and exceed customer requirements and expectations at the most competitive price using efficient business processes thereby offering value for money for our customers and creating wealth for our shareholders.

Our Philosophy

Excellence is our way of life. It is not an attribute or end result, it is the attitude with which all our business processes are created and sustained.

We nurture individuals of highest integrity, professionalism and self-esteem and provide an ambience where they are able to realize their fullest potential.

The touchstones of all our transactions with our employees, suppliers and service providers shall be fairness, equitability, transparency and consistency.

We treat our commitments to customers as sacred covenants and shall leave no stone unturned to fulfill them.

We are committed to safeguard the safety and health of our employees and men working under our supervision.

We shall not discriminate any employee or person working under our supervision on the basis of his / her gender, class, caste, religion, ethnicity, domicile etc.

We remain steadfast in our commitment to protect the environment and shall not leave a bigger foot print than what is absolutely essential in sustaining our business.

Er. Lekshminarayanan S
Managing Director
03-March-2010

LOCATION

	Corporate Office and Plant	Design and Engineering Office
Address	Block 241-243, Muval-Mobha Road, Muval P.O., Padra Taluka Vadodara 391430 Gujarat, India	'GUNATIT', First Floor, Kiran Nagar Society, Nr. Sahyog Garba Ground, Manjalpur, Vadodara 390011 Gujarat, India
GPS Coordinates	22 9'57.19"N, 72 58'2.91"E	22° 15' 58.08096"N, 73° 11' 50.82252" E
Size	Plot size: 8 Acres (32,456 SqM) Factory floor under crane: Covered Shed: 7,025 SqM Open floor: 1,600 SqM Total: 8,625 SqM	Floor area: 100 SqM on 1 st Floor
Key Distances	From Vadodara Airport: 39 KM From Vadodara Railstation: 33 KM	6.5 KM 11 KM

Port Connectivity from Plant:

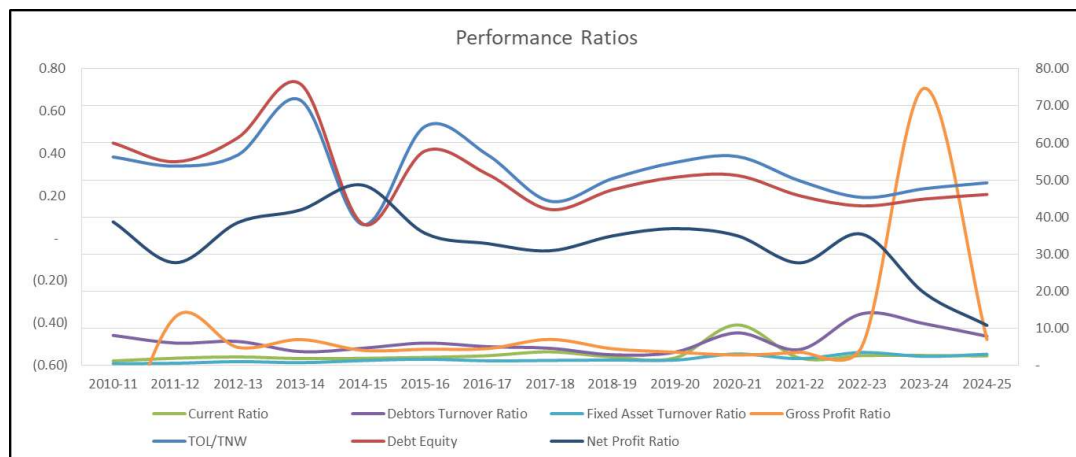
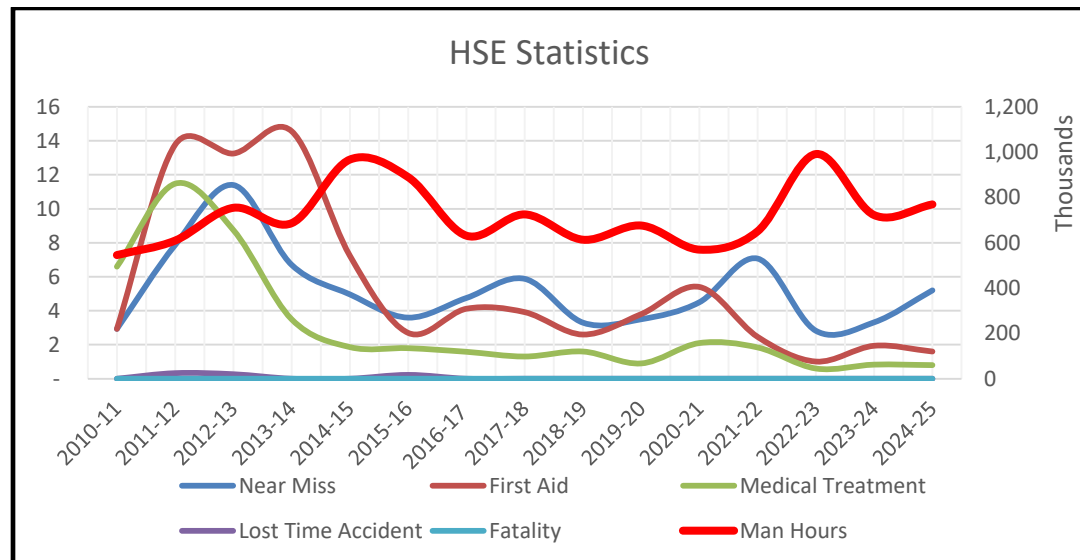
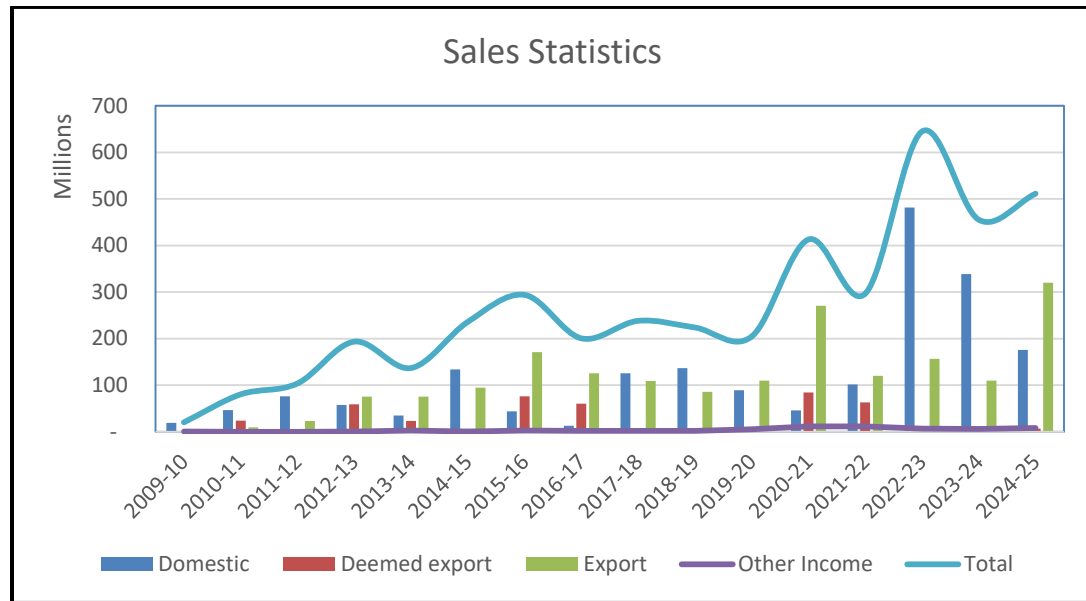
Dahej: 60 km Hazira: 130 KM Mundra: 420 KM Nhava Sheva: 420 KM

TIME LINE

Company incorporated	25 th October 2007
Plot acquired	24 th March 2008
Construction started	24 th September 2008
ASME Authorisation Acquired	27 th February 2009
Construction completed	24 th March 2009
First Order received	20 th May 2009
Commercial operation started	1 st July 2009
IBR Shop Approval	31 st August 2009
ISO 9001: 2008 Certification	29 th October 2009
AD 2000 Merkblatt HP0 & ISO 3834-2	14 th February 2011
BS OHSAS 18001 Certification	15 th April 2011

PED 97/23/EC Mod H1 Certification	15 th June 2012
PED 97/23/EC Mod H Certification	27 th January 2014
Enlistment with EIL	23 rd June 2015
ISO 14001: 2015 Certification	19 th April 2018
PESO Shop Approval	5 th March 2021
Design & Engineering Office shifted to the city	27 th January 2022
First Major Infra Upgrade Completed	28 th February 2022
First site construction project secured	1 st January 2025

KEY PERFORMANCE INDICATORS AT A GLANCE



PRODUCTS RANGE

- Pressure vessels to ASME Sec. VIII Div.1, Div.2, AD2000, AS 1210, EN 13445, AD2000, PD 5500, IS 2825, IBR 1950 with ASME U / U2 or S Stamp and / or CE marking
- Heat Exchangers to TEMA and client specs with ASME U / U2 Stamp and / or CE marking
- Pressure vessels and heat exchangers with country specific certification such as CUTR, DOSH, WorkSafe, CRN / ABSA etc.
- Storage Tanks to API 650 / 620, BS 2594, EN 12285
- Portable tanks for hazardous chemicals with IMDG, ADR, RID, CSC, US DOT, UK DfT certification
- High pressure pipe work under ASME 'S' Stamp or IBR Stamp
- Various pressure parts for high pressure boilers under IBR 1950 or ASME 'S' Stamp
- Air cooled Heat Exchangers and Air Cooled Condensers as per API 661
- Offshore containers to EN 12079
- Custom designed structures for offshore and onshore applications
- Miscellaneous process plant equipment such as high voltage transformer tanks, chimney, silo, duct work, static parts of air preheater, fan, compressor etc.
- Skid mounted assemblies such as metering / proving skids, pig launcher / receiver skids, pressure reduction / filtration skids, dosing skids, compressor skids, pump skids etc.

SERVICES OFFERED

- Design, detailed engineering, drawings, technical specifications, data sheets
- Material procurement
- Shop fabrication
- Welding of exotic metals
- *Stress relieving, normalizing*
- Hydrostatic, pneumatic, vacuum and *helium leak* testing
- Non destructive testing
- Blasting, painting including application of special coatings like Belzona / Ceramkote etc.
- *Spray metalizing, Electroless nickel plating, Lead / PTFE / PPE / PVC / Rubber lining*
- Pickling and passivation
- Code Stamping (U, U2, S, NB, R, CE) and certification
- Export documentation

(items shown in italics are done thru specialist subcontractors)

INDUSTRY SECTORS SERVED

- Oil and gas industry – offshore and onshore
- Petrochemical plants
- Chemical Plants
- Power plants – Thermal, Nuclear, Hydro
- Non conventional energy sector (Solar, Wind)
- Steel plants, Aluminum plants
- Fertilizer plants
- Ports and Infrastructure sector

FACILITIES

- Industrial plot of 8 acres (32,456 SqM)
- Fabrication Workshop: Bay 1 & 2: 138.8 M (L) x 51.3 M (W) x 16 M (H): 7,125 SqM
- Open Workshop Bay 4: 69.5 M (L) x 27.3 M (W): 1,900 SqM (Shed being built)
- Fully concreted, 4.5 M wide access road from public road to workshop
- 4.76 Acres of open area for lay down of materials and finished goods
- Office of 1,250 SqM floor area
- Covered store of 220 SqM floor area
- Power from grid 370 KVA, on 24 x 7 basis
- Borewell 75 M deep, overhead tanks, 70 CuM underground sump with filtration system and a 50 LPH RO plant
- Roof Top Solar Plant 135 KWp (150 KWP being added)

Views from Plant Gate



Aerial Views of the plant



See drone video of the facility here: <https://youtu.be/1jNW-O-QYhg>

Views of the Workshop Building



Views of Laydown Area / Open Area



Views of the Workshop Floor



Main Building



Design & Engineering Office in the City



CERTIFICATIONS

We are authorized by the American Society of Mechanical Engineers (ASME) to manufacture:

- Pressure Vessels ('U' and 'U2' Stamp)
- Boilers and boiler components ('S' Stamp)

We are also authorized by the National Board of Boiler and Pressure Vessel Inspectors, USA to:

- Register equipment manufactured under the Code ('NB' Stamp)
- Repair and recertification of the above ('R' Stamp)

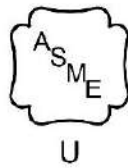
We are authorized to manufacture pressure vessels and apply CE mark under Module H and H1 of Pressure Equipment Directive PED/2014/68/EU of the European Union. We are also authorized to and apply CE mark under AD2000 Merkblatt Module HP0. Welding Management System is certified to ISO 3834-2.

We are an approved workshop under Indian Boiler Regulations 1950 for manufacture of Heat Exchangers, Pressure Vessels, Boiler Parts like Steam Drum, Mud Drum, Water Walls, Super Heater, Evaporator, Economiser, Reheater, Blowdown Tank, etc.

Our quality management system is certified to ISO 9001: 2015. Occupational Health and Safety management system as well as Environment management system is certified to ISO 45001: 2018 and ISO 14001:2015 under a comprehensive Integrated Management System.

The facility has been approved by Engineers India Limited (EIL), a premier plant engineering and consultancy organization in India for the hydrocarbon industry. We are also approved by Petroleum and Explosives Safety Organisation (PESO), India for manufacture of static and mobile unfired pressure vessels.

The facility is approved by several Owner organisations, consultants and OEMs for pressure vessels, heat exchangers, storage tanks, pressure piping, skid mounted assemblies etc.



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:

Baroda Equipment and Vessels Private Limited
Block 241-243, Muval-Mobha Road
Muval P.O., Padra Taluk
Vadodara District, Gujarat 391430
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)**

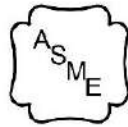
AUTHORIZED: February 24, 2024

EXPIRES: February 24, 2027

CERTIFICATE NUMBER: 38309

Board Chair, Conformity Assessment

Managing Director, Standards & Engineering Services



U2

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:

Baroda Equipment and Vessels Private Limited
Block 241-243, Muval-Mobha Road
Muval P.O., Padra Taluk
Vadodara District, Gujarat 391430
India

SCOPE:

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

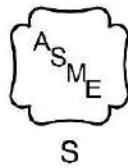
AUTHORIZED: February 24, 2024

EXPIRES: February 24, 2027

CERTIFICATE NUMBER: 42088

Board Chair, Conformity Assessment

Managing Director, Standards & Engineering Services



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:

Baroda Equipment and Vessels Private Limited
Block 241-243, Muval-Mobha Road
Muval P.O., Padra Taluk
Vadodara District, Gujarat 391430
India

SCOPE:

**Manufacture and assembly of power boilers at the above
location and field sites controlled by the above location**

AUTHORIZED: February 24, 2024

EXPIRES: February 24, 2027

CERTIFICATE NUMBER: 38308

Board Chair, Conformity Assessment

Managing Director, Standards & Engineering Services

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

Certificate of Authorization



This is to certify that

**Baroda Equipment and Vessels Private Limited
Block 241-243, Muval-Mobha Road
Muval P.O., Padra Taluk
Vadodara District, Gujarat 391430
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: 7695

Issue Date: January 9, 2024

Expiration Date: February 24, 2027

Executive Director

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

*Certificate of Authorization
to Register*



This is to certify that

**BARODA EQUIPMENT AND VESSELS PRIVATE LIMITED
BLOCK 241-243, MUVAL-MOBHA ROAD
MUVAL P.O., PADRA TALUK
VADODARA DISTRICT, GUJARAT 391430
INDIA**

*is authorized to apply the "NB" mark and register
boilers, pressure vessels or other pressure retaining
items with the National Board.*

*The scope of Authorization is limited to items
manufactured in accordance with:*

ASME Designator(s): **S U U2**

ISSUE DATE: **January 7, 2015**

*This Certificate of Authorization to Register will remain
in effect as long as the manufacturing organization holds
a valid Certificate of Authorization issued by the
American Society of Mechanical Engineers.*

Executive Director

A handwritten signature in black ink, appearing to be 'D. K. Singh', written over a horizontal line.



Hartford Steam Boiler Ireland Limited
28 Windsor Place, Lower Pembroke Street
Dublin 2, Ireland
Registered at the above address
Registration Number: 646225



**PRESSURE EQUIPMENT DIRECTIVE 2014/68/EU
QUALITY ASSURANCE CERTIFICATE**

Module: H1

The company

**Baroda Equipment and Vessels Private Limited
Block 241-243, Muval-Mobha Road
PO Muval, Taluk Padra, Vadodara
Gujarat 391430
India**

*successfully implemented a Quality System meeting the requirements of
Pressure Equipment Directive 2014/68/EU
and meets the requirements of **Module H1** of the Directive.*

*This Certificate applies to design, manufacture, final product
inspection and testing of
Pressure Vessel (Pressure Retaining Equipment)*

The Notified Body:
Hartford Steam Boiler Ireland Limited
28 Windsor Place
Lower Pembroke Street
Dublin 2, Ireland

Notified Body: 2833

CERTIFICATION

Certification Number	HSB IE-23-02-058
HSB IE Reg.-No.	IN.BEV.1285.00-H1
First Certification (HSB)	15. Jun 2012
Certification Date	20. Feb 2023
Expiration Date	26. Jan 2026

Pedro Veiga
NAME

17-February-2023
DATE

Hartford
Steam
Boiler
Ireland Ltd.
SIGNATURE 2833

QP10.22-F.066 Rev 0 Aug 2022
Notified Body Identification Number 2833



Hartford Steam Boiler Ireland Limited
28 Windsor Place, Lower Pembroke Street
Dublin 2, Ireland
Registered at the above address
Registration Number: 646225



**PRESSURE EQUIPMENT DIRECTIVE 2014/68/EU
QUALITY ASSURANCE CERTIFICATE**

Module: H

The company

**Baroda Equipment and Vessels Private Limited
Block 241-243, Muval-Mobha Road
PO Muval, Taluk Padra, Vadodara
Gujarat 391430
India**

*successfully implemented a Quality System according to the
Pressure Equipment Directive 2014/68/EU
and meets the requirements of **Module H** of the Directive.*

*This Certificate applies to design, manufacture, final product
inspection and testing of*

Pressure Vessels and Heat Exchangers

The Notified Body:
Hartford Steam Boiler Ireland Limited
28 Windsor Place
Lower Pembroke Street
Dublin 2, Ireland

Notified Body: 2833

CERTIFICATION

Certification Number	HSB IE-23-02-057
HSB IE Reg.-No.	IN.BEV.1452.00-H
First Certification (HSB)	27. Jan 2014
Certification Date	20. Feb 2023
Expiration Date	26. Jan 2026

Pedro Veiga

NAME

20-February-2023

DATE

Hartford
Steam
Boiler
Ireland Ltd.
2833
SIGNATURE

QP10.22-F.064 Rev 5 Aug 2022
Notified Body Identification Number 2833



Certificate

Manufacturer and Welding Shop acc. to AD 2000-Code

Certificate no.: 01 202 IND/A-22 0001

Name and address of the
certificate holder:

Baroda Equipment and Vessels Private Limited
Block 241-243,
Muval-Mobha Road, Muval
P.O., Padra Taluk
Vadodara 391430
India

It is hereby certified that the manufacturer has furnished
proof of the quality requirements. The above-mentioned
company:

- has facilities permitting manufacturing and inspection in
conformity with the present technical standard,
- operates a quality system which guarantees that manufacturing
and inspection of the products stated in our report
are in conformity with the technical codes and regulations,
- employees qualified supervisory and inspection
personnel.

Specifications:

AD 2000-Merkblatt HP 0;
under the Directive 2014/68/EU Annex I, Para. 3.1

Test Report no.:

114/ 166199879

Scope:

Manufacturing of Pressure Equipment, see report


Manufacturing Plant:

see certificate holder

Validity:

This certificate is valid until 2025-08-01.

Cologne, 2022-08-02


Dipl.-Ing. Achim Makowka
Certification body for welding manufacturers



TÜV Rheinland Industrie Service GmbH
Certification body for welding manufacturers
Am Grauen Stein, D-51105 Cologne

M-010-Rev24

Certificate

Inspection of the welding quality requirements according ISO 3834

Certificate no.: 01 240 IND/A-19 0006.00

Name and address of the
certificate holder:

Baroda Equipment and Vessels Private Limited
Block 241-243, Muval-Mobha Road,
Muval P.O., Padra Taluk
Vadodara 391430
India

It is hereby certified that the manufacturer has furnished
proof of the quality requirements according to the test basis.
The mentioned company:

- operates a quality system which ensures that the
manufacture and inspection of the products stated in our
report, are in compliance with applicable technical
standards and regulations;
- employs qualified supervisory and inspection personnel;
- has qualified welding processes and welding personnel;
- has adequate facilities permitting manufacture and inspection of
welded products.

Test basis:

EN ISO 3834-2

Audit report no.:

114/ 146758429

Scope:

**The scope of the inspection and other relevant data are
given in the annex to the certificate.**


Manufacturing plant:

see certificate holder

Validity:

This certificate is valid until 2026-02-02.

Cologne, 2023-03-07


Dipl.-Ing. Achim Makowka
Certification Body for welding manufacturers

TÜV Rheinland Industrie Service GmbH
Certification Body for welding manufacturers
Am Grauen Stein, D-51105 Cologne

M-012-Rev24



Office of the Director of Boiler, Gujarat State

3rd Floor, D Block, Bahumali Bhawan, Manjushri Mill Compound, Asarva, Girdharnagar
Ahmedabad- 380004.

e-mail :- cisbnsn-lab-ahd@gujarat.gov.in & Web site :- <http://www.boiler.gujarat.gov.in>

No. DOB/TECH/2023/CA062022-20230001439

Date: 07/10/2023

To,
BARODA EQUIPMENT AND VESSELS PVT LTD,
BLOCK 241-243, MUVAL-MOBHA ROAD, POST-MUVAL, 391430

Sub: Extension of Approval of your workshop for Manufacturing of Heat Exchangers, Pressure Vessels, Boilers Parts like Steam Drums, Mud Drums, Super Heaters, Evaporators, Re heaters, Blow Down Tanks etc under inspection of IBR - 1950 Code.

- Ref: 1. First approval letter no.A0032023-20240002117 dtd. 5/25/2023 12:00:00AM
2. Your application no.A0032023-20240002117 dtd. 25-05-2023
3. This office Inward no.2023BWCIB1113279101 dtd. 25-05-2023
4. Government of Gujarat Notification No. GR - 2007 - 73 - IBA - 1099 - 1895 (I) - M - (3)
dtd. 31/08/2007

Sir,

With reference to above you subject & referred letter the approval granted to your firm for "Manufacturing of Heat Exchangers, Pressure Vessels, Boilers Parts like Steam Drums, Mud Drums, Super Heaters, Evaporators, Re heaters, Blow Down Tanks etc" under inspection of IBR -1950 is extended for Two year more. i.e from 31/08/2023 to 30/08/2025 other conditions are remains same as per reference letter 1

Online receipt No.2186660 of Rs.10000.00 dtd.14/06/2023 for registration / renewal fees is received.
Also you shall apply for renewal of their firm recognition at least two months before the expiry of said period.

Yours Faithfully,
Signature
Not Verified

Digital signed by
BIPINKUMAR
HIMMATLAL PATEL
Date: 2023/10/07
12:37:57 IST
Reason: Approval
Location
Gandhinagar

Shri B. H. Patel

Director of Boilers,
Gujarat State, Ahmedabad.

Copy to: D.O.B / TECH /2023 /CA062022-20230001439 07/10/2023 Dated
Shri J G Bhatt, Deputy Director of Boilers, Vadodara Region for information and necessary action



BUREAU
VERITAS

Bureau Veritas Certification

BARODA EQUIPMENT AND VESSELS PRIVATE LIMITED



BLOCK NO.241-243, MUVAL-MOBHA ROAD, MUVAL,
PO-PADRA TALUKA, DIST. VADODARA – 391 430, GUJARAT, INDIA.

This is a multi-site certificate, additional site(s) are listed on the next page(s)

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above Organisation has been audited and found to be in accordance with the requirements of the Management System Standard detailed below.

Standard

ISO 9001:2015

Scope of certification

**DESIGN, MANUFACTURE AND SUPPLY OF PRESSURE VESSELS,
HEAT EXCHANGERS, STORAGE TANKS, SKID MOUNTED ASSEMBLIES,
PRESSURE PIPINGS, STRUCTURES, BOILER COMPONENTS AND
CUSTOM BUILT STATIC PROCESS PLANT EQUIPMENT**

Original cycle start date: **29 October 2009**

Recertification cycle start date: **02 September 2024**

Subject to the continued satisfactory operation of the Organisation's Management System, this certificate is valid until: **28 October 2027**

Certificate No. **IND.24.2312/QM/U**

Version: **1**

Issue date: **02 September 2024**

Signed on behalf of BVCH SAS UK Branch
Jagdheesh N. MANIAN
Director – CERTIFICATION, South Asia
Commodities, Industry & Facilities Division

For certificate authenticity, click here
<https://certcheck.ukas.com/>

IN048176



0008

Certification body address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom.

Local office: Bureau Veritas (India) Private Limited (Certification Business)
72 Business Park, Marol Industrial Area, MIDC Cross Road "C",
Andheri (East), Mumbai – 400 093, India.

Pg 1 of 2

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.
To check this certificate validity please call + 91 22 6274 2000.





BUREAU
VERITAS

Bureau Veritas Certification

BARODA EQUIPMENT AND VESSELS PRIVATE LIMITED



Standard

ISO 9001:2015

Scope of certification

SITE	ADDRESS	SCOPE
MFG.PLANT (H.O.)	BLOCK NO.241-243, MUVAL-MOBHA ROAD, MUVAL, PO-PADRA TALUKA, DIST. VADODARA – 391 430, GUJARAT, INDIA.	MANUFACTURE AND SUPPLY OF PRESSURE VESSELS, HEAT EXCHANGERS, STORAGE TANKS, SKID MOUNTED ASSEMBLIES, PRESSURE PIPINGS, STRUCTURES, BOILER COMPONENTS AND CUSTOM BUILT STATIC PROCESS PLANT EQUIPMENT.
DESIGN OFFICE - VADODARA	G-1, "GUNATIT", KIRAN NAGAR SOCIETY, NR.SAHYOG GARBA GROUND, MANJALPUR, VADODARA – 390 011, GUJARAT, INDIA.	DESIGN OF PRESSURE VESSELS, HEAT EXCHANGERS, STORAGE TANKS, SKID MOUNTED ASSEMBLIES, PRESSURE PIPINGS, STRUCTURES, BOILER COMPONENTS AND CUSTOM BUILT STATIC PROCESS PLANT EQUIPMENT.

Certificate No. IND.24.2312/QM/U

Version: 1

Issue date: 02 September 2024

Jagheesh N. Manian

Signed on behalf of BVCH SAS UK Branch
Jagheesh N. MANIAN
Director – CERTIFICATION, South Asia
Commodities, Industry & Facilities Division

For certificate authenticity, click here
<https://certcheck.ukas.com/>

ISO 9001 IN048176



0008

Certification body address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom.

Local office: Bureau Veritas (India) Private Limited (Certification Business)
72 Business Park, Marol Industrial Area, MIDC Cross Road "C",
Andheri (East), Mumbai – 400 093, India.

Pg 2 of 2

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements
may be obtained by consulting the organisation.
To check this certificate validity please call + 91 22 6274 2000.





BUREAU
VERITAS

Bureau Veritas Certification

BARODA EQUIPMENT AND VESSELS PRIVATE LTD.



HEAD OFFICE: BLOCK NO.241-243, MUVAL-MOBHA ROAD, PO-MUVAL, TALUKA-PADRA,
DIST. VADODARA – 391 430, GUJARAT, INDIA.

This is a multi-site certificate, additional site(s) are listed on the next page(s)

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above Organisation has been audited and found to be in accordance with the requirements of the Management System Standards detailed below.

Standards

ISO 14001:2015 & ISO 45001:2018

Scope of certification

DESIGN, MANUFACTURE AND SUPPLY OF PRESSURE VESSELS, HEAT EXCHANGERS, STORAGE TANKS, SKID MOUNTED ASSEMBLIES, PRESSURE PIPING, STRUCTURES, BOILER COMPONENTS AND CUSTOM BUILT STATIC PROCESS PLANT EQUIPMENT.

Original cycle start date for ISO 14001: **19 April 2018**

Original cycle start date for ISO 45001: **09 April 2021**

Recertification cycle start date: **05 April 2024**

Subject to the continued satisfactory operation of the Organisation's Management System, this certificate is valid until: **08 April 2027**

Certificate No. **IND.24.2606/IM/U**

Version: **1**

Issue date: **05 April 2024**

Signed on behalf of BVCH SAS UK Branch
Jagdheesh N. MANIAN
Director – CERTIFICATION, South Asia
Commodities, Industry & Facilities Division

For certificate authenticity, click here
<https://certcheck.ukas.com/>

ISO 14001	IN046330
ISO 45001	IN046331



0008

Certification body address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom.

Local office: Bureau Veritas (India) Private Limited (Certification Business)
72 Business Park, Marol Industrial Area, MIDC Cross Road "C",
Andheri (East), Mumbai – 400 093, India.

Pg 1 of 2

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.
To check this certificate validity please call +91 22 6274 2000.



पंजीकृत एवं कॉर्पोरेट कार्यालय : इंजीनियर्स इंडिया भवन, 1, भीकाजी कामा प्लेस, नई दिल्ली-110 066 भारत
Regd. & Corporate Office : Engineers India Bhawan, 1, Bhikaiji Cama Place, New Delhi-110 066 INDIA

Procurement Development Department

Ref: 4994/PDD/I/RE/24-25/B216

Date: 09th Aug, 2024

M/s Baroda Equipment & Vessels Pvt. Ltd.,
Block 241-243, Muval-Mobha Road,
PO Muval, Taluka Padra,
Vadodara, Gujarat-391430.

Subject: Revalidation of Enlistment with EIL

Dear Sirs,

We refer to your application on subject matter and are pleased to inform that your enlistment with EIL has been revalidated for the items as described below: -

Item Description	Material/Range		
Pressure Vessels	<u>Material</u>	<u>Shell Thickness</u>	
	CS	Upto 50mm	
	SS (All grades of SS304/316/321/347)	Upto 30mm	
	LAS (1.25Cr 0.5Mo)	Upto 32mm	
Heat Exchanger	<u>Material</u>	<u>Shell Thickness</u>	<u>Tubesheet Thk.</u>
	CS	Upto 50mm	Upto 150mm
	SS (All grades of SS304/316/321/347)	Upto 25mm	Upto 150mm

ASME U, U2 stamp available.

{This enlistment is valid for your works located at Block 241-243, Muval-Mobha Road, PO Muval, Taluka Padra, Vadodara, Gujarat-391430}.

Kindly note enlistment with EIL does not guarantee any regular flow of enquiries. For information on enquiries issued by EIL, kindly refer our Tender Website (<https://tenders.eil.co.in/>) / CPP portal (<https://eprocure.gov.in/cppp/>). In the event of direct / indirect orders for the projects executed by EIL, supplier shall quote/submit offer and supply material strictly as per the material / range / works as stated above including agreed responsibility matrix, as applicable. Secondly, kindly keep on submitting your regular quotes for EIL RFQ's failing which, EIL shall be entitled to declare you as Dormant supplier as per the Terms and Conditions for enlistment.

Any change in the product range, location of Works/Sales Office, Management/ Organization structure etc., shall be intimated to us immediately along with relevant document for our necessary action. Further, kindly update your contact details on regular basis so that you may keep on receiving EIL communications. Also, kindly ensure submission of your Audited Annual Report on yearly basis to enable us update your latest financial data.


राजेश सिन्हा/RAJESH SINHA
मुख्य महाप्रबंधक एवं प्रमुख/Chief GM & HOD (PDD)
इंजीनियर्स इंडिया लिमिटेड/ENGINEERS INDIA LIMITED
(भारत सरकार का उपक्रम)/(A Govt. of India Undertaking)
1, भीकाजी कामा प्लेस/1, Bhikaiji Cama Place,
नई दिल्ली/New Delhi-110066

Sheet 1 of 2

पंजीकृत एवं कॉर्पोरेट कार्यालय : इंजीनियर्स इंडिया भवन, 1, भीकाजी कामा प्लेस, नई दिल्ली-110 066 भारत
Regd. & Corporate Office : Engineers India Bhawan, 1, Bhikaiji Cama Place, New Delhi-110 066 INDIA

Procurement Development Department

Ref: 4994/PDD/I/RE/24-25/B216

Please note that this enlistment is subject to satisfactory execution of orders in delivery and quality of above items when ordered for various projects of EIL/our clients. You are expected to adopt ethics of highest standard and a very high degree of integrity, commitment & sincerity towards the work undertaken for projects under EIL execution, failing which, EIL shall be entitled to initiate actions as specified in EIL procedure for Suspension/Banning of business dealings, displayed on EIL website.

The validity of this ENLISTMENT is up to 30th Jun, 2027. You are advised to apply for revalidation "on-line", 6 months before expiry of the enlistment. Detailed procedures for revalidation can be seen on our website <https://enlist.eil.co.in/osems/>.

Kindly acknowledge unconditional acceptance of this letter and send us a signed and stamped copy of this letter for our records.

Thanking you,

Very truly yours,

Rajesh Sinha
Chief GM & HOD (PDD)

राजेश सिन्हा/RAJESH SINHA
मुख्य महाप्रबंधक एवं प्रमुख/Chief GM & HOD (PDD)
इंजीनियर्स इंडिया लिमिटेड/ENGINEERS INDIA LIMITED
(भारत सरकार का उपक्रम)/(A Govt. of India Undertaking)
1, भीकाजी कामा प्लेस/1, Bhikaiji Cama Place,
नई दिल्ली/New Delhi-110066

Sheet 2 of 2

ईमेल/E-mail : pdd@eil.co.in

पंजीकृत एवं कॉर्पोरेट कार्यालय : इंजीनियर्स इंडिया भवन, 1, भीकाजी कामा प्लेस, नई दिल्ली-110 066 भारत
 Regd. & Corporate Office : Engineers India Bhawan, 1, Bhikaiji Cama Place, New Delhi-110 066 INDIA

Procurement Development Department

Ref: 4994/PDD/I/EH/25-26/B216

Date: 11th Jul, 2025

M/s Baroda Equipment & Vessels Pvt. Ltd.,
 Block 241-243, Muval-Mobha Road,
 PO Muval, Taluka Padra,
 Vadodara, Gujarat-391430.

Subject: Enhancement of Enlistment with EIL

Dear Sirs,

We refer to your application on subject matter and are pleased to inform that your enlistment with EIL has been enhanced for the items as described below: -

Item Description	Material/Range	
Pressure Vessels	<u>Material</u>	<u>Shell Thickness</u>
	LTCS	Upto 20mm

ASME U, U2 stamp available.

{This enlistment is valid for your works located at Block 241-243, Muval-Mobha Road, PO Muval, Taluka Padra, Vadodara, Gujarat-391430}.

Kindly note enlistment with EIL does not guarantee any regular flow of enquiries. For information on enquiries issued by EIL, kindly refer our Tender Website (<https://tenders.eil.co.in/>) / CPP portal (<https://eprocure.gov.in/cppp/>). In the event of direct / indirect orders for the projects executed by EIL, supplier shall quote/submit offer and supply material strictly as per the material / range / works as stated above including agreed responsibility matrix, as applicable. Secondly, kindly keep on submitting your regular quotes for EIL RFQ's failing which, EIL shall be entitled to declare you as Dormant supplier as per the Terms and Conditions for enlistment.

Any change in the product range, location of Works/Sales Office, Management/ Organization structure etc., shall be intimated to us immediately along with relevant document for our necessary action. Further, kindly update your contact details on regular basis so that you may keep on receiving EIL communications. Also, kindly ensure submission of your Audited Annual Report on yearly basis to enable us update your latest financial data.

Please note that this enlistment is subject to satisfactory execution of orders in delivery and quality of above items when ordered for various projects of EIL/our clients. You are expected to adopt ethics of highest standard and a very high degree of integrity, commitment & sincerity towards the work undertaken for projects under EIL execution, failing which, EIL shall be entitled to initiate actions as specified in EIL procedure for Suspension/Banning of business dealings, displayed on EIL website.


राजेश सिन्हा / RAJESH SINHA
 मुख्य महाप्रबंधक एवं प्रमुख/Chief GM & HOD (PDD)
 इंजीनियर्स इंडिया लिमिटेड/ENGINEERS INDIA LIMITED
 (भारत सरकार का उपक्रम)/(A Govt. of India Undertaking)
 1, भीकाजी कामा प्लेस, नई दिल्ली-110066

Sheet 1 of 2

पंजीकृत एवं कॉर्पोरेट कार्यालय : इंजीनियर्स इंडिया भवन, 1, भीकाएजी कामा प्लेस, नई दिल्ली-110 066 भारत
Regd. & Corporate Office : Engineers India Bhawan, 1, Bhikaiji Cama Place, New Delhi-110 066 INDIA

Procurement Development Department

Ref: 4994/PDD/I/EH/25-26/B216

The validity of this ENLISTMENT is up to 30th Jun, 2027. You are advised to apply for revalidation "on-line", 6 months before expiry of the enlistment. Detailed procedures for revalidation can be seen on our website <https://enlist.eil.co.in/osems/>. Kindly acknowledge unconditional acceptance of this letter and send us a signed and stamped copy of this letter for our records.

Thanking you,

Very truly yours,



Rajesh Sinha
Chief GM & HOD (PDD)

राजेश सिन्हा / RAJESH SINHA
मुख्य महाप्रबंधक एवं प्रमुख / Chief GM & HOD (PDD)
इंजीनियर्स इंडिया लिमिटेड / ENGINEERS INDIA LIMITED
(भारत सरकार का उपक्रम) / (A Govt. of India Undertaking)
1, भीकाएजी कामा प्लेस / 1, Bhikaiji Cama Place,
नई दिल्ली / New Delhi-110066

Sheet 2 of 2

ईमेल/E-mail : pdd@eil.co.in



भारत सरकार/Government of India
वाणिज्य और उद्योग मंत्रालय/Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन(पेसो)/Petroleum & Explosives Safety Organisation (PESO)
9th Floor, Park Paradise, Vadsar,
Vadodara - 390012

ई-मेल/E-mail : jtcce.vadodara@explosives.gov.in
फोन/फैक्स नं./Phone/Fax No : 0265 - 2361035

अनुमोदन सं. /Approval No : A/S/HQ/GJ/PVM/36 (S97136)
सेवा में/To,

दिनांक /Dated : 13/07/2023

M/s. Baroda Equipments and Vessels Pvt. Ltd.,
Block 241-243, Muval-Mobha Road, P.O. Muval, Talu.,
Vadodara-391430, Gujarat, India
Muval,
Padra,
Taluka: Vadodara,
District: VADODARA
State: Gujarat
PIN: 391430

विषय/Sub : स्थिर तथा गतिशील दाबपात्र (अज्वलित) नियम 2016 के तहत Plot No. 241-243, Block 241-243, Muval-Mobha Road, Taluka Padra, Dist-Vadodara - 391430, Muval, Vadodara, Taluka: Padra, District: VADODARA, State: Gujarat, PIN: 391430 स्थित फेब्रिकेशन शॉप APPROVAL OF FABRICATION WORK SHOP FOR FABRICATION OF NON CRYOGENIC PRESSURE VESSELS प्रयोजन हेतु फेब्रिकेशन शॉप अनुमोदन - नवीनीकरण के बारे में / Approval of Fabrication shop situated at Plot No. 241-243, Block 241-243, Muval-Mobha Road, Taluka Padra, Dist-Vadodara - 391430, Muval, Vadodara, Taluka: Padra, District: VADODARA, State: Gujarat, PIN: 391430 for fabrication of APPROVAL OF FABRICATION WORK SHOP FOR FABRICATION OF NON CRYOGENIC PRESSURE VESSELS under Static & Mobile Pressure Vessel(Unfired) Rules, 2016-Reg- Renewal.

महोदय/Sir(s),

कृपया इस विषय पर अपना दिनांक 13/07/2023/ का पत्र क्रमांक n का संदर्भ ग्रहण करें। /Please refer to your letter No. n dated 13/07/2023 on the subject. फेब्रिकेशन शॉप को स्थिर तथा गतिशील दाबपात्र (अज्वलित) नियम 2016 के तहत अनुमोदित किया गया है और यह अनुमोदन 31/12/2027 तक वैध है। /The fabrication shop is approved under Static & Mobile Pressure Vessel(Unfired) Rules, 2016 and the approval is valid up to 31/12/2027

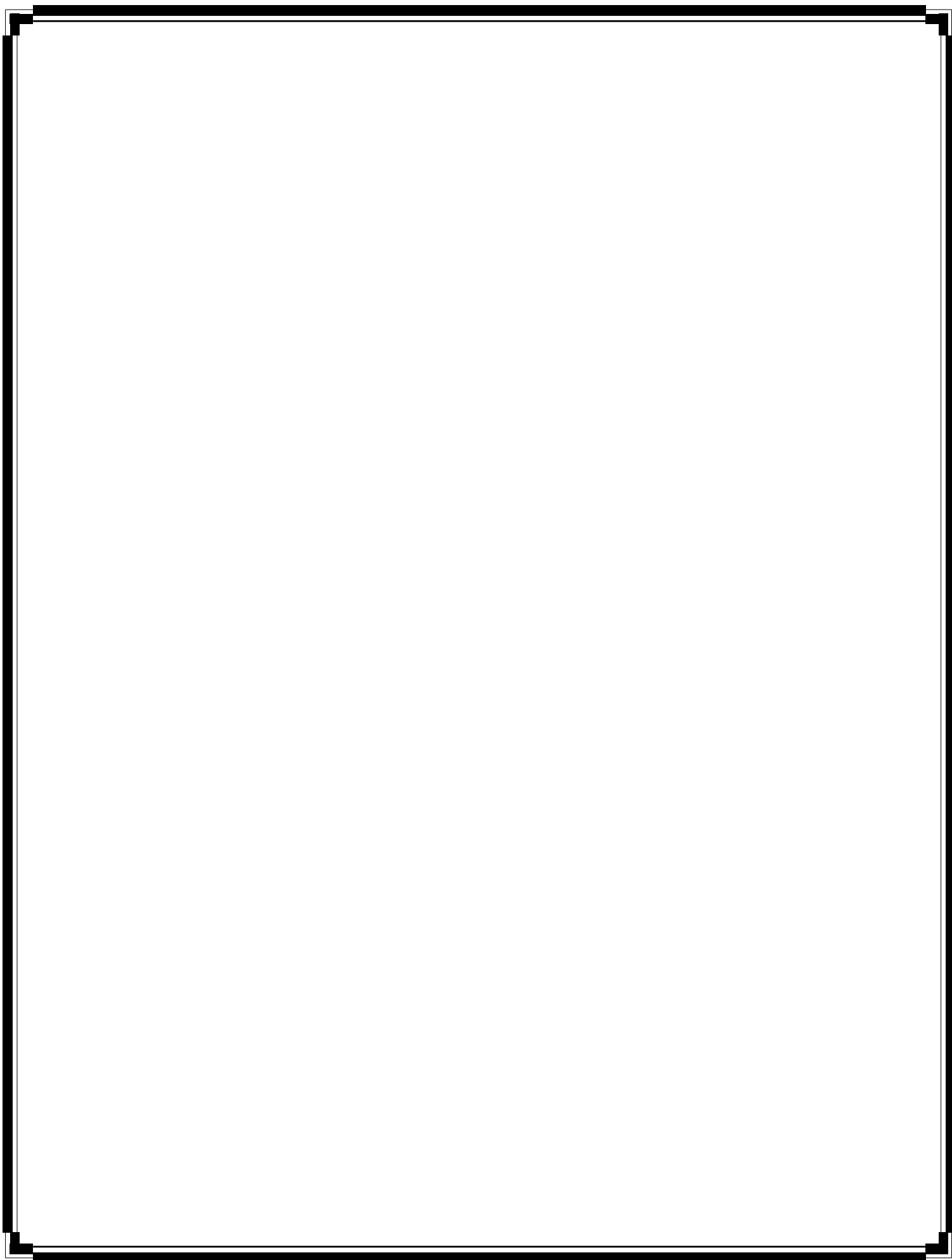
भवदीय/Yours faithfully,

(K. P. SHARMA)
Dy. Chief Controller of Explosives
For Jt. Chief Controller of Explosives
Vadodara

कृते मुख्य विस्फोटक नियंत्रक /For Chief Controller
of Explosives

(स्थिति, शुल्क और अन्य विवरणों के बारे में अधिक जानकारी के लिए कृपया हमारी वेबसाइट <http://peso.gov.in> देखें/
For more information regarding status, fees and other details please visit our website: <http://peso.gov.in>)

नोट/Note:- यह सिस्टम जनरेटेड दस्तावेज है इसमें हस्ताक्षर की आवश्यकता नहीं है।
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2792
280822



VENDOR EVALUATION COMMITTEE (VEC)

To: M/s. Baroda Equipment and Vessels Private Limited, India
Fax No. NA. Email: info@barodaequip.com
Date : 23rd August 2022
Ref. No.: VEC/PQAN/22060/060/2022/28352
Vendor Code: 95844

From: M/s. Kuwait Oil Company (K.S.C)
Ahmadi, Kuwait
Fax No. +965 2387 7833

Subject: Approval Notification- Pre-Qualification of Vendor (Manufacturer)

Ref.: Pre-Qualification Application – PQ# 22060 dated 16th May 2022

Dear Sir/Madam,

We are pleased to inform you that your application for Pre-Qualification for KOC's List of Approved Manufacturers has been **approved** for the product category / subcategory and manufacturing facility mentioned hereunder:

Product Category : 3.33 – Pressure Vessels

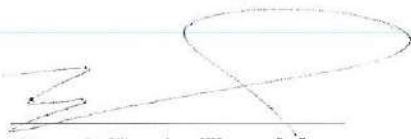
Facility Name : M/s. Baroda Equipment and Vessels Private Limited

Facility Address : Block 241-243, Muval Mobha Road, P.O. Muval, Taluka: Padra, Vadodara – 391430, Gujarat, India.

Approval Validity : up to 22nd August 2027

Please ensure to quote the vendor code in all your future correspondence.

For Kuwait Oil Company


Ahmed Ghanim Hamadah
Ag. Team Leader - Supplier Relationship Management



cc: M/s. Thayar General Trading & Contracting Company WLL, Kuwait; Fax No.: 2227 5442

REFER TO OVERLEAF FOR INSTRUCTIONS



हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड

(भारत सरकार उपक्रम) रजिस्टर्ड ऑफिस : 17, जमशेदजी टाटा रोड, मुंबई - 400 020.

HINDUSTAN PETROLEUM CORPORATION LIMITED

(A GOVERNMENT OF INDIA ENTERPRISE) REGISTERED OFFICE : 17, JAMSHEDJI TATA ROAD, MUMBAI - 400 020.

मुंबई रिफाइनरी : पो. ऑ. बॉक्स नं. 18820, बी. डी. पाटील मार्ग, माहुल, मुंबई - 400 074.

MUMBAI REFINERY : P. O. BOX NO. 18820, B. D. PATIL MARG, MAHUL, MUMBAI - 400 074.

दूरभाष / TELEPHONE : +91-22-2507 6000, फैक्स / FAX : +91-22-2554 1054

CIN - L23201MH1952GOI008858

Ref. : MR/VMC/EJ

Date : December 21, 2015

To
M/s. Baroda Equipment and Vessels Pvt. Ltd.
Block 241 - 243,
Muval - Mobha Road,
P. O. - Muval, Ta-Padra,
Vadodara:391 430.

Subject : Enhancement of Financial Limit

: HPCL Registration No. (ERP) : **20011463**

Dear Sir / Madam,

This is in reference to your application for enhancement of financial limit for supply of material and / or services to HPCL. The application and the accompanying documents, along with clarifications and testimonials received have been reviewed.

Consequently, we are pleased to enhance financial limit for the following:-

Sl. No.	Item Code	Description	Max. Financial Limit
1	C405	Pressure Vessel Repairs & Internal jobs	Rs.500 lakhs (Rupees Five Hundred Lakhs Only)
2	C501	Pressure Vessel Fabrication	
3	C502	Exchanger Fabrication	
4	C503	Column Internal Fabrication	
5	C599	Miscellaneous [Fabrication]	

Please appreciate that as we have several vendors registered with us for each item code, we cannot request you for an offer for every contract, you have to wait for your turn.

Further, it may please be noted that:

- Any change in your product range, location of Works / Sales Office / Management / Organisation structure, e-mail ID for e-procurement, Contact Telephone/Cell No., information of acknowledgement of company as Micro, Small Enterprises (MSE) by Government departments etc. should be intimated to us immediately along with the supporting documents quoting the above mentioned ERP No. for necessary updation in our system.

[Signature]

- Also, please note that HPCL - MR has initiated procurement through E-Tendering and the tenders shall be floated through E-Tender also. Hence, you are requested to enroll at HPCL E-procurement site (<https://tender.hpcl.co.in>) to enable you to participate in E-tendering (i.e. through online bidding). Help Desk No. 022-4210 0111 (10.00 hrs. to 18.00 hrs.).

ANNEXURE

Item /Description	Material / Range
	Material Shell Thickness
Pressure Vessels / Columns	CS - 30 mm SS - 28 mm Maximum diameter of shell 4000mm and maximum total weight of job - 25 tons
Heat Exchangers (Shell & Tube Type and U tube type)	CS Tube Sheet Max thk - 60 mm

[Signature]
(S.Y. Sheshappanavar)
AGM, CMM



Gujarat Narmada Valley Fertilizers Co. Ltd
(An ISO 14001 Company)

Regd. Office :

P.O., Narmadanagar-392 015,

Dist. Bharuch, Gujarat, India

Phone : (2642) 663471

Fax : (2642) 247122 / 247059

E-mail : nvratnani@gnfc.in

GNFC Reference No. :

MM/NVR/VR/6968

Date : 05.03.2010

M/s Baroda Equipment & Vessels P Ltd
Block 241-243, Muval Mobha Road
Muval PO, Tal. Padra
Vadodara - 391430

Kind Attention : Mr. Lekshminarayanan S

Dear sir,

Sub : Confirmation of Registration as approved vendor.

Ref : Your application dtd. 08.02.2010

Registration of items : (a) Heat Exchanger : Design Pressure upto 15 Kg/Sq. Cm,
Nos. of tubes upto 150 & (b) Pressure Vessels : Design Pressure upto 20 Kg/Sq. CM,
Volume upto 30 Cu. Mtr.

With reference to above, we are pleased to inform that our Vendor Evaluation Committee consisting of Senior Executives of GNFC has examined the **Profile** of your organization and considering core strengths of the organization, GNFC management has approved to include your organization in the list of approved vendors for the above items.

Your GNFC Vendor Code is : 111022

This registration shall not create or impose any obligation or liability on GNFC.

Your organization will receive enquiries for above items as and when needs arises for the same at our end.

We wish to have a long good business relationship with your organization for mutual benefits.

Thanking you,

Yours faithfully,

N V Ratnani
Chief Manager (Materials)

N. V. Ratnani
Chief Manager (Materials)
G.N.F.C. Ltd.
Narmadanagar-392015.



मेकॉन लिमिटेड (भारत सरकार का संस्थान)
MECON LIMITED (A GOVERNMENT OF INDIA ENTERPRISE)



प्रधान कार्यालय (Head Office): राँची-2, झारखण्ड, भारत, Ranchi-2, Jharkhand, India, फोन/Phone : 0651-2483000, फैक्स/Fax : 0651-2482189/2482214
ई-मेल/E-mail : ranchi@meconlimited.co.in, वेबसाइट/Website : http:// www.meconlimited.co.in
CIN No. : U74140JH1973GOI001199

Ref.No.11.74.9181/CVDC/39/B-179/V-6098

Date:08-NOV-16

BARODA EQUIPMENT & VESSELS PVT LTD
Block No 241-243
Muvali Mobha Road
Muval
Vadodara 391430 Gujarat
Tel::02662 243100 243100

Sub : Vendor Registration with MECON (Vendor code: V-6098)

Ref : Your letter No. BEV-010-DL-C-X999-590 dated 18-MAR-16

Dear Sirs,

Kindly refer to your above mentioned letter. We are pleased to inform you that your company (Vadodara works) is enlisted in our Approved Vendor List for the following, which is now valid till 07-NOV-19.

OIL & GAS EQUIPMENT MECHANICAL ITEMS

1 **PRESSURE VESSELS (043) As per ASM Section VIII Div. 1 (Latest) & Vessel "U" Stamped(Applied) -Manufacturer**

Please note that this enlistment is subject to satisfactory execution of orders in delivery and quality of above mentioned items when ordered for various projects.

Further it may please be noted that any change in the product, location of works/ sales office, Management/ Organisation structure etc. shall be intimated to us promptly along with relevant document for our necessary action, failing which our enquiries may not reach you and also your enlistment with us will be liable to be cancelled. Kindly keep sending your annual report every year. Your performance shall be periodically reviewed by us for continuation of your enlistment with MECON.

The above enlistment does not necessarily confirm issue of tender enquiries, which is at the sole discretion of MECON/MECON's client. It is your responsibility to apply for renewal of your registration at least 2 months in advance of expiry of this validity period.

Thanking you.

Yours faithfully
For **MECON LIMITED**


(S Paul)

Dy. GM I/c. (CVDC)

email: cvdcranchi@meconlimited.co.in
Fax:0651-248 2189 Tel:0651-248 3486

Major Offices:

नई दिल्ली / New Delhi
+91-11-2204 1201 (Phone)
+91-11-2204 1214 (Fax)
delhi@meconlimited.co.in

मुम्बई / Mumbai
+91-22-2781 2155-58 (Phone)
+91-22-2781 2275 (Fax)
mumbai@meconlimited.co.in

कोलकाता / Kolkata
+91-33-2282 2381-82 (Phone)
+91-33-2282 4441 (Fax)
kolkata@meconlimited.co.in

चेन्नई / Chennai
+91-44-2618 4873 (Phone)
+91-44-2618 4874 (Fax)
chennai@meconlimited.co.in

बैंगलूरु / Bangalore
+91-80-2657 1661-63 (Phone)
+91-80-2657 6352 (Fax)
bangalore@meconlimited.co.in



BARODA EQUIPMENT AND VESSELS PVT. LTD.

Health, Safety, Environment and Sustainability Policy

Baroda Equipment and Vessels Private Limited (BEV) is committed to safeguarding human health and safety and conserving the environment. BEV recognizes that meeting this commitment is integral to its long-term success and it will be achieved by means of:

- Maintaining a comprehensive HSE management system including procedures to ensure HSE aspects are included in the design, construction, operation and maintenance of facilities.
- Commitment to fulfillment of compliance obligations and its commitment related to prevention of incident, protection of environment, prevention of pollution and continual improvement. Where laws and regulations do not exist or are less onerous, adopt responsible standards or practices.
- Setting clear objectives, responsibilities and accountability for HSE performance across all levels of the Company with measurement and reporting requirements.
- Ensuring appropriate training, supervision, information, resources and welfare facilities are provided to all workers, visitors and interested parties to achieve HSE objectives.
- Ensuring safe, secure, and healthy design and working conditions for the prevention of work-related injuries and illnesses in our operations and across the value chain including anyone working with our products, systems and services;
- Identifying and assessing hazards and reducing risks to levels as low as practicable.
- Conserving energy and natural resources by efficient use, minimizing waste generation and enhancing recovery, recycling and reuse.
- Striving to reduce the carbon footprint in our own operations and as well as our supply chain and identifying, assessing, mitigating and eliminating business risks related to climate change;
- Undertaking periodic reviews and assessments to ensure compliance with this policy and drive continual improvement.

All levels of management and workers are expected to participate in and comply with HSE initiatives and exercise individual responsibility for their own health, safety, the safety of others and protection of the environment.

This policy has been communicated to all employees. It is available to other stake holders and general public on request.

Lekshminarayanan S
Managing Director

Date: 01-Apr-2025



BARODA EQUIPMENT AND VESSELS PVT. LTD.

QUALITY POLICY

Baroda Equipment and Vessels Pvt. Ltd. (BEV) is committed to provide products and services to its customers in accordance with agreed requirements and applicable standards which exceed customer's expectations on quality, performance and value for money.

This will be achieved by means of establishing and maintaining a comprehensive quality management system conforming to the requirements of ISO 9001: 2015, monitoring the effectiveness and suitability of the system and striving for its continuous improvement.

BEV's Quality Objectives are to:

- Build on its reputation of quality, reliability and timely delivery with a view to achieve customer satisfaction
- Reduce non-conformities and re-work in its products and services
- Promote a culture of excellence in all facets of its operations

All BEV employees including contractor's personnel shall accept the responsibility to achieve the above quality objectives and comply with the specified system requirements.

This policy is made known to all employees through the company's induction program, regular training programs and prominent display in company's premises.

Er. Lekshminarayanan S
Managing Director

MANUFACTURING CAPABILITY

Maximum

CNC Profile cutting	200 mm (CS), 38 mm (SS); 3.1 M wide x 14 M long
CNC cold cutting	406 mm □ or ○
Plate Rolling / Bending	3.2 M wide, 85 mm thick (cold), 115 mm (hot)
Turning in lathe	700 mm dia, 2000 mm long
Vertical Machining Centre	3150 x 2040 mm x 780 mm
Drilling	80 mm dia (steel), 100 mm (CI)
Threading	M64x4 (steel), M85x4 (CI)
Shearing & bending	20 mm thick x 3 M wide
Weight handled in single piece	> 200 Tons
Size of single piece	6.5 M dia ** x 45 M long

** limited by constraints on the road

MATERIAL HANDLING

EOT Cranes	4 x 5 T (span 25 M, height of lift 6.2M) 1 x 10 T (span 25 M, height of lift 6.2 M) 1 x 32 T (span 25 M, height of lift 9.2 M)
Gantry (Goliath) crane	2 x 30 T (span 20.5 M, height of lift 12 M) 1 x 6 T (span 15 M, height of lift 6.25 M)
Monorail with motorized hoist	1 x 6 T
A Frame with manual hoist	2 x 5 T
Mobile Crane (Pick & Move)	12 / 14 T on call
Tyre mounted Crane	25 / 50 / 100 / 200 T on call

DESIGN AND ENGINEERING CAPABILITY

BEV has a team of competent design engineers, design associates and CAD draftsmen experienced in this field. Mechanical design and detailed engineering is done completely in-house. Generally PV Elite supplemented with custom developed spread sheets is used for mechanical design. Thermal design and hydro dynamic layout is developed using HTRI or ASPEN by our specialist design associate. Finite element analysis and stress analysis etc. are carried out using Ansys software in-house. In case process design or design of vessel internals is required, we can establish arrangements with well known European engineering companies operating from India or Europe. Design of storage tanks including detailing and drafting is done using AMETank software. 3D modeling of equipment is done using Solidworks.

Autocad is extensively used for drafting. Cutting / nesting plans are developed using Messer Omniwin software and transmitted to CNC Profile Cutter through dedicated fiber optic network. Machining of complex work pieces is developed using proprietary Hartrol software and transmitted through dedicated fiber optic network. Design and Engineering Office operates from the city and is seamlessly connected to the Plant and Corporate Office through dedicated leased lines and VPN.

If structural design and analysis is required, it could be done at our design associates using Staad Pro (or) Strap. Piping design and detailed engineering using PDMS and stress analysis using Caesar can be done by our design associates.

We also have competent electrical / instrumentation engineers and technicians for skid mounted assemblies.

We have the latest version of all necessary codes and standards.

OFFICE FACILITIES

BUILDING

- Administrative Office 540 SqM, centrally air conditioned
- 13 seater conference room with video conferencing, meeting rooms
- Design & Engineering Office in the city in 100 SqM area

COMMUNICATION

- Telephone with ISD facility through a 50 station Panasonic PABX System

- Internet, email, VOIP facility through leased lines
- Intranet facility using PostMaster Enterprise Edition and MS Outlook
- Access to international, national and local couriers

LAN SYSTEM

- Dedicated LAN Server with anti-virus, firewall and multi layer internet security
- Server configuration: Intel Quad-Core Xeon 5405 2.0GHz Processor, 8GB ECC DDR2 FBDIMM RAM and 2 x 500 GB Enterprise Storage SATA 7.2K RPM HDD
- 20 KVA UPS power back up
- Gigabit network switches with dedicated fiber optic / Cat 6E cabling
- 70+ workstations on LAN, all with LCD monitors
- Windows 2019 OS in server and Windows 7 / 10 in workstations

PRINTERS / PERIPHERALS

- Network Station Konica Minolta 554e with printer, flat bed scanner and photocopier
- HP Laser Jet 3050 with fax and scanner
- Digital Stencil Cutting Station CCS24CS, Custom Cut Stencil, USA
- HP Office Jet K7108
- HP Laser Jet Z Professional P1606DN
- Canon Laser Printer LBP 3500
- Barcode Printer with software Zebra GC 420t

ERP SYSTEM

- Seamless ERP system based on MS DOT NET technology using ASP.Net with VB.Net and C#.Net
- Back end SQL Server 2008
- Reports in Crystal Reports
- Contracts, Materials Management, Purchase, Finance, Quality, Document Control, Personnel and Payroll Modules
- Pressure Vessels estimation software in DOT NET with MVC architecture

SOFTWARE

- PVElite 26
- AMETank
- Ansys
- Solidworks
- Autodesk Autocad 2022 Lite
- Autodesk Autocad Mechanical 2016
- Messer Omniwin 3.5 for nesting of profiles for CNC Profile Cutting
- MS Office 2010
- MS Project 2010
- Nitro PDF

- PostMaster Enterprise Edition for intranet & internet server
- MS Outlook 2013
- Zoom, Google Meet, MS Teams, Cisco Webex, Skype Business for web meetings

LIST OF MACHINERY AND EQUIPMENT

Description	Make	Capacity	Qty
Material Preparation			
Horizontal Plate Rolling Machine	Schafer, Germany	3 rolls, 3.2 M (W) x 85 mm thick (cold); 115 mm thk (hot), smallest dia 726 mm	1
Vertical Plate Bending Rolls	Hugh Smith, UK	300 Tons, up to 32 mm thick, up to 3 M wide	1
CNC Profile Cutter	Messer	3.1 M (W) x 14 M (L) with 1 Plasma + 2 Oxy gas torches, EWAC 200 A Plasma Power Source, Omniwin nesting software	1
Pug Cutters with Oxy fuel torches	Esab , India	-	3
Pipe cutter with Oxy fuel torch	Koike, Japan	4" to 24" dia, 50 mm thk	1
Universal Steel Worker	Kingsland, UK	160 Tons, 300 x 300 mm with punching, slotting, slitting, notching etc.	1
Hydraulic Downstroke Press Brake	Pearson, UK	300 Tons, 3.124 M wide	1
Hydraulic Shearing Machine	Pearson, UK	300 Tons, 20 mm thick x 3 M wide	1
CNC Horizontal Bandsaw	Bigstone, Taiwan	406 mm dia	1
Automatic Horizontal Bandsaw	Amada, Japan	406 mm x 406 mm squares or 406 mm round	1
Horizontal Cut Off Saw	Thomas, UK	250 mm round	1
Cut Off Saw	Bosch, India	Upto 100mm	1
Section Bender	Roundo R4, Sweden	30 CM ³ ; 89 x 89 x 9.5 mm	1
Plasma Power Source thyristor based, with machine mounted and manual plasma torches	Quality, India	400 Amps	1

Machine Shop			
CNC 3 Axis Vertical Machining Centre	Hartford, Taiwan	X/Y/Z = 3050/2100/780 mm with Fanuc controls, 7000 rpm, BT50 spindle, 70 bar thru coolant, right angle milling head, and 20 tools Automatic Tool Changer	1
Horizontal Boring Machine	Wotan B130S, Germany	X/Y/W/Z = 2300/1850/2000/850 with DRO in all the axes, 130 mm spindle, 18 KW power	1
Radial Drill	MAS, Czech Republic	2.3 M boom, 80 mm spindle	1
Pillar Drill	Indian	1½" spindle x 1 and 1" spindle x 1	2
Gap Bed Centre Lathe	Harrison M500, UK	533 mm swing over bed x 254 mm height of centers x 1.524 M admit between centers	1
Gap Bed Centre Lathe	Colchester Mascot1600, UK	432 mm swing over bed x 216 mm height of centers x 2.032 M admit between centers	1
Gap Bed Centre Lathe	Dhara, India	570 mm swing over bed x 300 mm height of centers x 1.015 M admit between centers	1
Pipe and Rod Thread Cutting Machine	Beaver 50, Japan	½" to 2"	1
Fabrication			
Hydraulic Double Column Press	Enerpac, USA / BEV	500 Tons	1
Mechanical C Frame Press with electric decoiler, pneumatic auto feeder and progressive tooling for plate fins	Indian	30 Tons x 1 20 Tons x 1	2
Portable Plate Bevelling Machine	Promotech, Poland ABM-50	8 to 80 mm thk	1
Portable Plate Bevelling Machine	Gulco, UK	3 to 38 mm thk	1
Portable Tube Beveling Machine	Aotai	28 to 76 mm	2
Portable Tube Beveling Machine	Power Master	28 to 76 mm	1
Hydraulic hand held punch	Nitto Kohki, Japan	25 mm hole on 16 mm thk	1
Drill cum Broach Cutter with magnetic base	Bosch All Cut, India	80 mm dia	3

Drill cum Broach Cutter with magnetic base	Unibor, UK	100 mm dia	1
Portable Grinders	Bosch, India	7" and 5"	84
Portable straight grinders	Bosch / Electrolux		6
Tube expander with digital torque controller	Power Master	Size : up to 2½" x 1 up to 3" x 1	2
Impact Wrench, pneumatic	Griphold, India	250-1500 NM	1
	Ingersoll Rand	2169-5288 NM	1
Welding			
SAW Power Source, Welding Head, Wire Feeder, Flux Recovery Unit	Lincoln DC1000, NA-5 Digital and Weld Engg, USA	1000 Amps	2
SAW Power Source with tractor mounted welding head, wire feeder, flux dispenser and flux recovery unit	Memco, India	1000 Amps	4
SMAW + GTAW Machines, inverter based	Kemppi, Norway	400 Amps; with water cooled tig torches, HF unit	9
SMAW + GTAW Machines, inverter based	D&H Secheron	300 Amps	4
SMAW + FCAW Machines, inverter based	D&H Secheron	500 Amps; with water cooled tig torches, HF unit	1
SMAW + FCAW Machines with wire feeder, inverter based	D&H Secheron	400 Amps	3
SMAW + GTAW Machines, thyristor based	Quality	400 Amps; with water cooled torches	3
SMAW Machines, inverter based	D&H Secheron	500 Amps	3
GMAW Machine, inverter based	Lorch, Germany	300 Amps	1
GTAW Power Source with water cooling system, tig torch set and in-built HF	Quality, India	400 Amps	1
GTAW / FCAW Oscillator with travelling carriage and tractor unit	BugO, USA	Speedweaver	1
FCAW Tractor with travelling carriage	Koike		2

FCAW Machines with wire feeders, Inverter based	D&H Secheron	500 Amps	2
SMAW+FCAW Machines with wire feeders, Inverter based, CC-CV	D&H Secheron	500 Amps	6
		630 Amps	4
FCAW/SMAW+GTAW Machines with wire feeders, Inverter based, CC-CV	D&H Secheron	500 Amps	4
FCAW Machines with wire feeders, thyristor based	Quality QCM400	400 Amps	4
SMAW / Gouging Machine, Rectifier based	Quality, India	600 Amps	1
Electrode Holding Oven	Quality, India	50 kg	3
Electrode Baking Oven	Quality, India	50 kg	2
Flux Baking Oven	Force Arc Malaysia	100 kg; all stainless steel	2
Portable Electrode Quivers	Force Arc Malaysia	5 kg	30
Humidity controlled electrode storage room	Own	21 SqM, Dehumidifier from Bryair	1
Emergency Diesel Generator	45 KVA	Kirloskar	1
Welding Manipulators			
Column and Boom	Mogora, India	4M (V) x 7M (H)	1
Welding Rotators	Key Plant UK VWeld, India Amin, India	100 MT x 3, 75 MT x 4, 60 MT x 1, 50 MT x 4, 30 MT x 18, 10 MT x 3, 5 MT x 1	34
Welding Positioner with Column and Boom	A&N Plant, UK	1 MT	1
Welding Positioners with 3 jaw chucks	Key Plant UK	3 MT and 1.5 MT	2
Welding Positioner with face plate	India	3 MT x 2 & 5 MT x 1	3
Testing			
Hydro Test Pump	Gomo, India	30 HP, 600 bar	1
	Dev Pumps, India	700 Kg/Cm ²	1
Hydro Test Pump (Manual)	Valton, India	70 bar	1

Hydro Test Filling Pump	Kirloskar	5 HP, 3 ph, 5 CuM @ 50 M head	1
Hydrotest Chart Recorder	G-Tek	0-250 bar	1
Vacuum Testing Assembly with venturi air ejector	Local	750 x 100 x 70	1
Flat bottom Vacuum box for Weld Tests in Steel Tanks	Local	750 x 250mm	1
Surface Preparation and Painting			
Grit Blasting System	Hedge Clemco, UK	16 M(L) X 8 M(W) x 8 M(H) totally enclosed with grit recovery and recycling and dust collection system	1
Spray Painting Room with infrared heating system	Aria IASF	14 M (L) x 7 M (W) x 8 M (H), ATEX compliant	1
Blasting Cabinet (for glass bead blasting of Stainless Steel)	Synco, India	0.9 x 0.82 x 0.8 (H) all SS construction, with bead dispenser, recovery, recycling and dust collection system	1
Air Compressor (for blasting room)	ELGI, India	75 KW, 380 CFM @ 8.0 bar(g)	2
Air Compressor (for air plasma, gouging and spray painting)	Ingersoll Rand	22 CFM @ 12.6 bar(g)	2
Refrigerant Air Drier	Puriflair, India	500 CFM @ 7.5 bar(g)	1
		30 CFM @ 7.5 bar(g)	1
Blasting Pot	Blastline	200 Lit, with nozzles, air cooled blasting helmet and deadman's handle	2
Airless Spray Painting Machine	Graco, USA	60:1; with all accessories	1
Paint Mixer	-	Pneumatic	1
Insulation			
Manual Swager	W. Neal	1.6 mm MS	1
Manual Slip Rolls	W. Neal	1.6 mm MS	1
Electrical Shear	Makita	4.0 mm MS, 600 W	1
Heat Treatment			
Power source, resistance heating coils / pads, chart recorder, thermocouples, cables	Indian	Scaleable	1
Modular PWHT Furnace	Own	6 M (L) x 3 M (W) x 3 M (H), scaleable	1

Material Handling

EOT Crane	Electromech	32 MT, Ht below hook 9.25 M	1
Gantry (Goliath) Crane	Safex	30 MT, Ht below hook 12 M	2
EOT Crane	Electromech	10 MT, Ht below hook 6.25 M	1
EOT Crane	Electromech	5 MT, Ht below hook 6.25 M	2
EOT Crane	Tacklers	5 MT, Ht below hook 6.25 M	2
Gantry (Goliath) Crane	Indef	6 MT, Ht below hook 6.25 M	1
Electric Hoist	Indef	6 MT, Ht below hook 9.5 M	1
Flat Bed Wagon (for grit blasting room)	Own	17 MT, electrically operated	1
Flat Bed Wagon (for transfer of materials to & from RT Bunker)	Own	17 MT, electrically operated	1
Flat Bed Wagon	Own	10 MT, manually operated	2
Manual Hoists (Chain Pulley Block)	Indef	5 MT x 2, 3 MT x 3, 2 MT x 1	6
Hydraulic Jack with power pack	Enerpac, USA	100 Ton, 50 Ton, 25 Ton	6

HORIZONTAL PLATE BENDING MACHINE



Capacity: 1500 Tons, 85 mm thick (cold), 115 mm (hot), up to 3.2 M wide
Make: Schaefer, Germany

VERTICAL PLATE BENDING MACHINE



Capacity : 300 Tons, up to 32 mm thick, up to 3 M wide
Make Hugh Smith, UK

Hydraulic Shearing Machine



Capacity:
300 Tons, 20 mm thick
x 3 M wide

Make: Pearson, UK

Hydraulic Downstroke Press Brake



Capacity:
300 Tons, 20 mm
thick x 3 M wide

Make: Pearson, UK

HORIZONTAL BORING MACHINE



Capacity:

X=2300

Y=1850

W=2000

Z=850 (all in mm)

130 mm spindle

18 KW Power

With DRO in all axes

Make:

Wotan B130S, Germany

Universal Steel Worker



Capacity:

160 Tons, 300 x 300 mm with
punching, slotting, slitting, notching
etc.

Make: Kingsland, UK

Radial Drill



Capacity:
2.3 M boom, 80 mm spindle

Make : MAS, Czech Republic

Automatic Horizontal Bandsaw



Capacity:
406 mm x 406 mm squares or 406
mm round

Make: Amada, Japan

CNC Horizontal Bandsaw



Capacity:
406 mm square or round
Make: Bigstone, Taiwan

Grit Blasting System

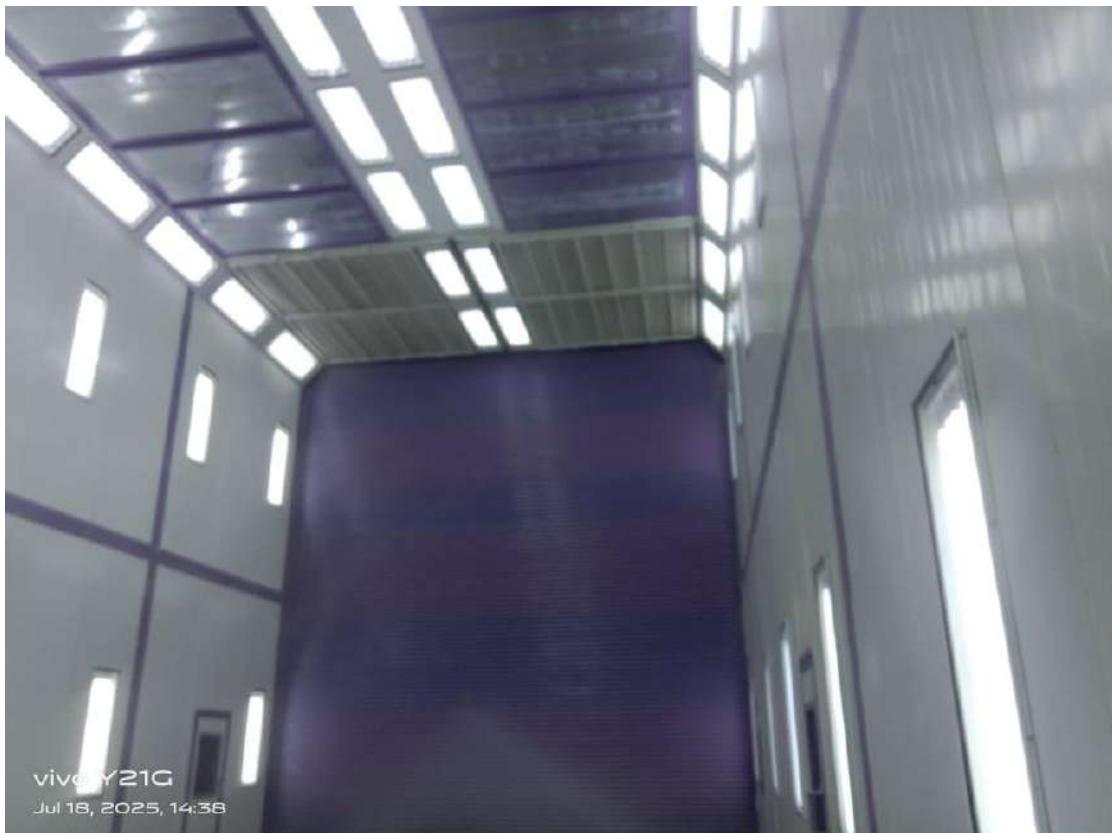


15 M(L) X 8 M (W) x 8
M(H) totally enclosed
with grit recovery and
recycling and dust
collection system

Make: Hedge Clemco, UK

Spray Painting Room

Size 14 M (L) x 7 M (W) x 8 M (H), ATEX Compliant Design



Gap Bed Centre Lathe



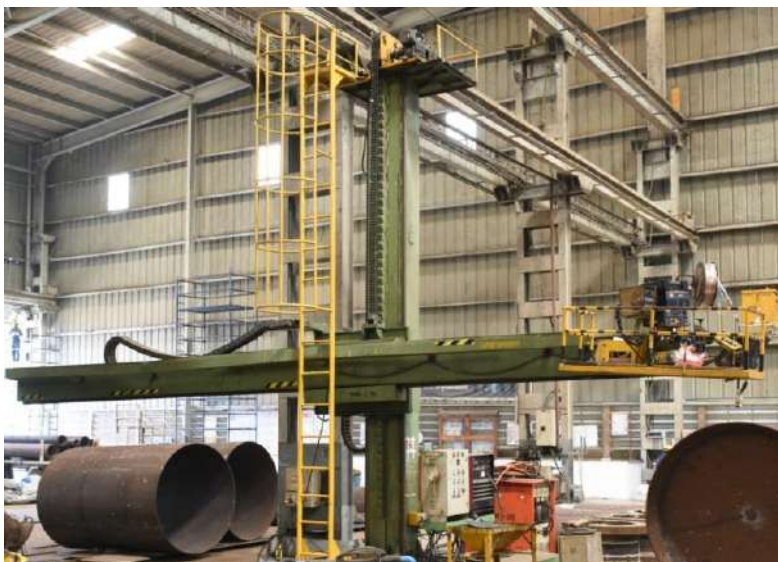
432 mm swing over bed x
216 mm height of centers x
2.032 M admit between
centers
Make: Colchester
Mascot1600, UK

Gap Bed Centre Lathe



533 mm swing over bed x
254 mm height of centers
x 1.524 M admit between
centers
Make: Harrison M500, UK

Submerged Arc Welding on Column & Boom



4M (V) x 7M (H), Make: Mogora India

Compressors



2 x 75 KW, 350 CFM @ 8 bar

Make: Elgi India

Wet Air Receiver, 5 CuM

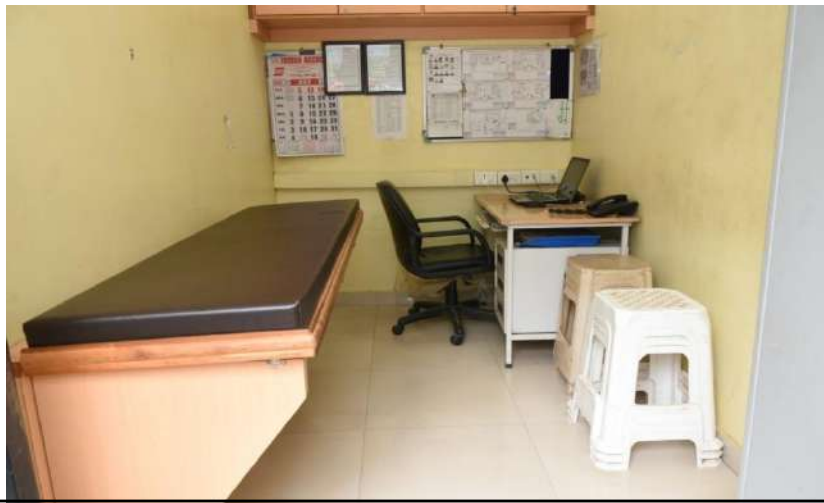
Refrigerant Air Drier 500 CFM

Make: Puriflair India

Emergency Vehicle



First Aid Room



45KVA Emergency Diesel Generator



Electrical Panel Room



LIST OF MEASURING AND TESTING INSTRUMENTS

Description	Make	Size / Range
PMI Machine		
Vernier Caliper	Mitutoyo	0-300 mm, 0-1000 mm
Outside micrometer	Mitutoyo	0-25 mm
Internal Dial Caliper	Mitutoyo	10-35mm
Bore Gauge	Mitutoyo	18-35 mm & 35-60 mm
Thread Plug Gauge	Baker	M24-6H, 1 1/8" 12 UNF
Welding Gauge	Power Weld	0-20 mm
Electronic Total Work Station (Digital Theodolite)	Leica	1 sec LC, 5 sec accuracy
U Tube Manometer	Action	300 mm WC
UT Thickness Gauge	Abest	1.5 – 200 mm
	Edison	
Digital Clamp Meter	Extech	1000 AC/DC -20 to 270° C with IR thermometer
	Mastek	1000 AC/DC
Densitometer	Optel	0-4; with step wedge calibration film
Lux Meter	Lutron	0-50,000 Lux
Radiation Survey Meter	EECI	0.1 to 10 mR / hr
AC/DC Yoke Magnetic Particle Kit	SIMS	
MPI Prods Type Machine	EECI	2000 A with arc free prods
Residual Field Indicator (Gauss Meter)		0 – 10 G
Dye Penetrant Kit	Magnaflux	
Ultraviolet Light for Fluorescent MPI/DP	EECI	

Description	Make	Size / Range
Calibrated pressure gauges	H Guru, Wika	Various ranges
Surface Profile Gauge	Mituotoyo	0-1000 Microns
Coating Thickness Gauge	Elcometer	0-1,500 Microns
	Yuyutsu	0-600 Microns
Wet Film Gauge	Elcometer	25-2,000 Microns
Whirling Hygrometer	Elcometer	-5-50° C
Dew point and relative Humidity calculator	Elcometer	
Coating Holiday Detector	Doktor	0 to 10 KV, DC Pulse type
Coating Adhesion Tester	Elcometer	Upto 500 Microns
Gas Detector for Ambient Oxygen	Honeywell	For confined space working
Dead Weight Tester	Systems Engineers	2 to 250 kg/cm ²
Portable Leeb Hardness Tester (Digital)	Samsonic	HRC: 19.8 ~ 68.5, HB: 30 ~ 655, HV: 80~976, HRB: 13.5 ~ 99.6, HSD: 26.4 ~ 99.5, Mpa: 375 ~ 2639
Industrial Borescope	Depstech	7.9 mm dual lens, 4.3" LED screen & 5.5 M cable

All instruments have valid calibration traceable to NABL standards.

Other Facilities:

- **Radiography Concrete Bunker** with Department of Atomic Energy approval 6 M (L) x 6 M (W) x 6 M (H) with 500 mm thk concrete walls, 500 mm thk concrete sliding door and all protections with Atomic Energy Regulatory Board (AERB) approval
- **Radiography Pit Room** for Isotope Storage with Atomic Energy Regulatory Board (AERB) approval
- Radiography **Film Developing Room** (Wet Area)
- Radiography **Film Viewing Room** (Dry Area)

MANPOWER RESOURCES

Corporate, Finance & Admin

Manager	1
Accounts Officer	1
Administrator	1
Network Administrator	1

Business Development, Estimation & Proposals, Sales

Manager	1
Engineer / Officer	8

Design & Projects

Manager	2
Design Engineer	2
Draftsman	4
Project Engineer	4
Document Controller	1
Technical Assistant	1

Project Management

Manager	3
Asst Manager / Sr Engineer	2
Asst Engineer	2

Procurement

Manager	1
Assistant	2

Stores & Logistics

Manager	1
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Stores Executive	2
Stores Assistant	4
Stores Helper	7

Quality Control and Quality Assurance

Manager	1
Dy Manager/ Sr Engr / Engr	11
QC Technician	4
NDT Technician	3
BARC Licensed Radiographer	1

Occupational Health, Safety & Environment

Manager	1
Asst Manager	1
Officer / Jr Officer	2

Production

Manager	2
Production Engineer	5
Production Supervisor	4
Foreman / Chargehand	4
Fabricator / Fitter / Jr Fitter	26
Machinist / Turner	5
Welder – SAW	4
Welder – SMAW / GTAW / FCAW	20
IBR Certified Welder	3
Tack Welder	18
Lead Bonder	9
Machine Operator	6
Grinder	10
Rigger	11
Blaster / Painter	4

Trade Helper	65
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Trade Apprentice	8
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Maintenance

Manager	1
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Supervisor	1
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Mechanic	4
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Electrician	3
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These are men on our payroll + agency hire. Subcontractor manpower is in addition to this.

PROFILE OF KEY MANAGEMENT STAFF

Er. LEKSHMINARAYANAN S, Managing Director is 63 years old. He is a 1984 graduate Mechanical Engineer from College of Engineering, Trivandrum, India with 41+ years of industry experience in various areas such as power plant commissioning, quality system management, project management and business process re-engineering. He is a Member of ASME and heads the Gujarat Section of ASME as its Chair. He is a Corporate Fellow of the Institution of Engineers (India) and is a Chartered Engineer. He has worked in India, Malaysia and Qatar with companies such as Bharat Heavy Electricals Ltd. (BHEL), NKK Corporation (now known as JFE Corporation), Foster Wheeler and Madina Group. As Contracts Manager, Operations Manager and eventually as the General Manager, he was instrumental in transforming Madina Group Qatar into a professionally managed corporate organization. Leks, as he is popularly known, is the Founder Promoter of BEV.



RISHI OBERAI, Director - Technical is 52 years old. He is a 1994 graduate Mechanical Engineer from Mysore University. He is an IRCA Certified ISO 9000 and OHSAS 18001 Lead Auditor, API 510 Certified Pressure Vessel Inspector, CSWIP 3.1 Welding Inspector, AWS Welding Inspector, Grade 2 BGAS Painting Inspector. He also holds ASNT Level III certification in RT, PT, and MT and ASNT Level II in UT and VT. He has 31 years' experience in manufacturing and construction industries related to oil and gas and petrochemical sector in the fields of design and engineering, quality control, welding engineering, quality assurance systems management etc. He is a Member of AWS and ASNT. He is in charge of design and engineering, project management and OHS&E functions in BEV.



R RAMACHANDRAN, General Manager Estimation & Proposals, is 53 years old. He is a B.S in Engg Technology from BITS, Pilani. He has a rich experience spanning 33 years in heavy engineering manufacturing in quality control and quality assurance. He was Head of Quality in BEV from 2009 to 2015. After a brief gap, he returned to BEV to head the estimation and proposals function. He is a API 510 and NDE Level II in RT, PT, MT & UT.



TEJAS GANATRA, Sr Manager Procurement is 46 years old. He is a Diploma in Mechanical Engineering PG Diploma in Business Administration. He has 26+ years' experience in Supply Chain Management function in various industries like Steel Manufacturing, Ship Building, Rig Repair, Infrastructure and Oil & Gas Sector. He has worked with Essar Steel (now known as Arcelor Mittal Nippon Steel), Welspun and Reliance Infrastructure.



PRAGNESH PATEL, Manager Production is 39 Years old. He is a graduate Mechanical Engineer from North Maharashtra University. He has 17+ years of experience in production, with reputed heavy engineering industries like GMM Pfaudler, Godrej & Boyce, C Doctor etc. In BEV, he heads the production function.



VISHAL GAMI, Manager Quality is 39 years old. He is a Graduate Mechanical Engineer from Veer Narmad South Gujarat University. He has 15 years of experience in Quality Control and Quality Assurance function. He is ASNT level II qualified in PT, MT, UT, RT and VT. He is well versed in ASME, PED, IBR & PESO. He has worked with reputed heavy engineering companies as well as with Bureau Veritas. He is responsible for all aspects of quality i.e., quality control, quality assurance, welding engineering, quality planning as well as quality system management.



NILESH WANI, Asst General Manager Projects is 47 years old. He is a Graduate Mechanical Engineer from Pune University. He has 22+ years of experience production planning, project planning and execution of multi discipline projects in heavy engineering manufacturing involving pressure vessels, heat exchangers, reactors and other static equipment. He has worked with Larsen & Toubro, Tema India and Oswal Energies Ltd. in the past.



PRATIK SHAH, Manager Projects is 34 years old. He is a Graduate Mechanical Engineer from Silver Oak Collage of Engineering and Technology. He has 12+ years of experience in field of production, production planning and project planning in chemical and pharma industries involving static and rotary process equipment and skid mounted plants with GMM Pfaudler.



MAHENDRA PATEL, General Manager Finance and Administration is 63 years old. He is a M.Com from MS University and holds a Diploma in Taxation Practice. He has 38+ years' experience in accounts, taxation, commercial operations, human resources management and banking. He has extensive experience in statutory compliances and government liasoning.

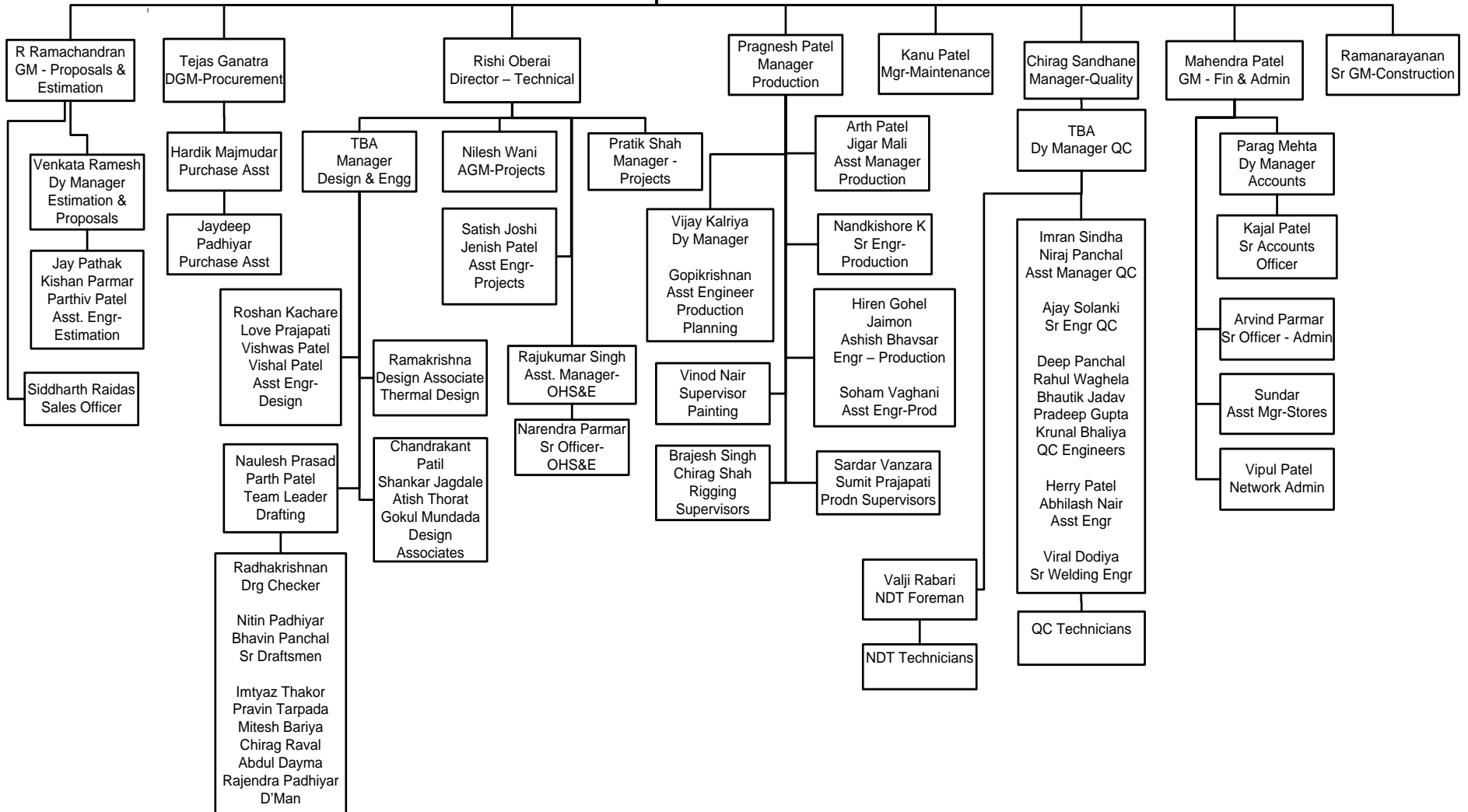


KANAIYALAL PATEL, Manager Maintenance is 39 years old. He is a 2011 Diploma in Electrical Engineering with 18+ years' experience in maintenance management of assets and utilities in factories and plants. Maintenance of CNC machines is his forte.



Organisation Chart

Lekshminarayanan S
Managing Director



List of Projects Completed and In Progress

Pressure Vessels

Job No	Description of Job	Qty	Client / Owner	Period	
				From	To
4630	Design, procurement, manufacturing, ASME U Stamping and supply of 2 Knock Out Drums and 4 Oil Separators all in SA516 Gr70 NACE + HIC in accordance with ASME Sec VIII Div.1 for Vapour Recovery Unit Compressor Package for Kuwait Oil Co.	6 No. (13.5 MT)	Kirloskar Pneumatic Co. / MECC, Kuwait	25-Aug-25	In Progress
4674	Design, Procurement, Manufacturing, ASME U Stamping, NB Registration and Supply of 2 Nos of ASME Funda Filter 35 SqM in SS304 in accordance with ASME Sec VIII Div.1 for	2 No. (7.2 MT)	Steri Technologies, USA	7-Aug-25	In Progress
4541	Design, Procurement, manufacturing and supply of 26 Pressure Vessels (12 in SS316, 2 in SS304, 10 in SA516 Gr70 and 2 in IS2062) for Mundra Petrochem Ltd, Green PVC Complex, Mundra, Gujarat, India	26 No. (128 MT)	Mundra Petrochemicals Ltd	21-May-25	In Progress
4479	Design, procurement, manufacturing, ASME U Stamping and supply of 8 Pulsation Dampeners in CS in accordance with ASME Sec VIII Div.1 with CE marking under PED2014/68/EU Mod H1 for Hyoffwind 25MW Green Hydrogen Plant at Zeebrugge Port in Belgium for John Cockerill	8 No. (2.5 MT)	Howden Thomassen Compressors, Netherlands	18-Nov-24	28-Jul-25 Completed
4443	Design, procurement, manufacturing, ASME U Stamping, CE marking under PED 2014/68/EU Mod H1 and supply of 4 Pulsation Dampeners in CS in accordance with ASME Sec VIII Div.1 for Rotterdam Green Ammonia Terminal	4 No. (36 MT)	Air Products, Netherlands	12-Nov-24	In Progress
4461	Design, procurement, manufacturing and supply of 10 no. Molecular Sieve Pressure Swing Adsorbers, 1 Tail Gas Drum and 2 Tail Gas Filters all in CS with ASME U Stamp for Ultra High Purity Hydrogen Package for Reliance Industries Limited Jamnagar Refinery	13 No. (86 MT)	Linde Engineering India / Reliance Industries Ltd	1-Oct-24	23-Jun-25 Completed
4411	Design, procurement, manufacturing and supply of Regeneration Gas Heater and Process Gas Filter including ASME U Stamp, Worksafe registration and conformity certification for Air Separation Plant for 2 MTPA Urea Plant, Burrup, Western Australia	2 No. (9.6 MT)	Linde GmbH / Perdaman Chemicals and Fertilisers Pty Ltd	10-Jul-24	In Progress

4389	Design, procurement, manufacturing and supply of 6 Pressure Vessels in CS in accordance with AD2000 Merkblatt and with CE marking under PED 2014/68/EU for 3000 TPD Sugar Refinery of Carrinho Group, Benguela Province, Angola	6 No. (12.5 MT)	BMA, Germany	13-May-24	30-May-25 Completed
4333	Design, procurement, manufacturing, ASME U Stamping and supply of 2 Pulsation Dampeners and 1 Drain Pot all in CS in accordance with ASME Sec VIII Div.1 for JGC Corporation for Olefin Plant Project of Petro Rabigh, Saudi Arabia	3 No. (2.1 MT)	Howden Thomassen Compressors, Netherlands	19-Feb-24	26-Oct-24 Completed
4309	Design, procurement, manufacturing, ASME U Stamp, CE Marking and supply of 2 CS pressure vessels (40 MT), 4 SS 304 vessels (23 MT) in accordance with ASME Sec VIII Div.1 and PED 2014/68/EU Mod H1 for Hyco5 Hydrogen Liquefaction Plant, Botlek, Rotterdam.	6 No. (63 MT)	Air Products, Netherlands	22-Feb-24	15-Mar-25 Completed
4296	Design, Procurement, Manufacturing, ASME U Stamping, NB Registration and Supply of 2 Nos of ASME Funda Filter 15 SqM in accordance with ASME Sec VIII Div.1 for Covestro, USA.	2 No. (4.6 MT)	Steri Technologies, USA	24-Jan-24	27-Dec-24 Completed
4308	Design, procurement, manufacturing, ASME U Stamp, CE Marking and supply of 357 CuM instrument air receiver in accordance with ASME Sec VIII Div.1 and PED 2014/68/EU Mod H1 for Immingham UK NH3 Terminal	1 No. (66 MT)	Air Products, UK	22-Dec-23	On Hold
4244	Design, procurement, manufacturing, CE Marking and supply of Mixing Vessel, Separator and Dampeners in accordance with ASME Sec. VIII, Div. 1 and PED 2014/068/EU Mod H1 for Solvay Speciality Polymers, Bollate, Milan, Italy	4 No. (7.2 MT)	Howden Thomassen Compressors, Netherlands	19-Dec-23	26-Oct-24 Completed
4092	Design, procurement, manufacturing, ASME U Stamp and supply of 2 Nos. of Fabric Filters in accordance with ASME Sec VIII Div. 1 including Factory Acceptance Test for Pulse Air Jet Cleaning System for GAIL, Usar	2 No. (18.8 MT)	Luwa India Pvt. Ltd.	27-Oct-23	15-Mar-25 Completed
4273	Design, procurement, manufacturing and Supply of Condensate Pot in accordance with ASME Sec. VIII, Div. 1, IBR 1950 for IOCL, Panipat	1 No.	Bliss Anand Private Limited	27-Oct-23	In Progress
4228	Design, procurement, manufacturing, CE marking and supply of 5 Pressure Vessels in CS, 7 in SS304, 1 in SS316, 1 in SS321 and 1 in Duplex SS all in accordance with EN13445 and PED 2014/68/EU Mod H1/H for 70,000 TPA Carbon Capture Project at Hiedelburg Cement Plant, Lengfurt, Germany.	15 No. (40 MT)	Linde AG / Cap2U JV, Germany	22-Sep-23	25-Dec-24 Completed
4107	Design, procurement, manufacturing, ASME U Stamping, Worksafe Conformity and supply of 8 Volume Bottles and 4 Liquid Collecting Pots all in CS in accordance with ASME Sec VIII Div.1 for Ampol's Lytton Refinery, QLD, Australia	12 No. (6.8 MT)	Howden Thomassen Compressors, Netherlands	24-Aug-23	26-Feb-25 Completed

4209	Design, procurement, manufacturing, ASME U Stamping and supply of 6 No. Pressure Swing Molecular Sieve Adsorbers (PSA), 1 No. Tail Gas Drum and 2 No. Sulphur Guard Bed Vessels all in SA 516 Gr 70 to ASME Sec VIII Div 1 for IOCL Panipat's Recovery Max Package	9 No. (228 MT)	UOP Honeywell / IOCL- Panipat	9-Aug-23	16-Dec-24 Completed
4229	Design, procurement, manufacturing, ASME U Stamping / IBR Stamping and supply of 4 Feed Coolers and 7 Membrane Vessels, all in SA 516 Gr 60N + NACE + HIC for Residue Hydrocracker Unit of Panipat Refinery Expansion Project (P25)	11 No.	Bliss Anand Pvt Ltd / L&T Energy / IOCL Panipat	1-Aug-23	In Progress
4090	Design, procurement, manufacturing, CE Marking under PED 2014/68/EU Mod H1, ASME U Stamping and supply of 387 CuM Instrument Air Receiver to ASME Sec VIII Div 1 for Renewable Ammonia Import Terminal at Rotterdam Refinery	1 No.	Air Products Netherlands / Gunvor Petroleum Rotterdam B.V.	18-Apr-23	29-Mar-24 Completed
4024	Design, procurement, manufacturing, ASME U Stamping, NB & CRN Registration and supply of 1 No of Funda Filter 20.0 SqM in accordance with ASME Sec VIII Div 1	1 No.	Steri Technologies, USA	09-Jan-23	19-Dec-23 Completed
4040	Design, procurement, manufacturing, testing and supply of 7 knock out drums / pressure vessels in CS and 1 Separator in SS316L including all internals to ASME Sec VIII Div 1	8 No. (65 MT)	Prodair Air Products / IOCL Barauni	21-Dec-22	01-Feb-24 Completed
4006	Design, procurement, manufacturing and supply of 4 Pulsation Dampeners in LTCS and 1 in SS316L, all in accordance with EN13445 with CE marking under PED 2014/68/EU Mod H1 for Green Hydrogen Project in Port Esbjerg, Denmark	5 No.	Howden Thomassen Compressors, Netherlands / European Energies, Denmark	5-Oct-22	31-Mar-23 Completed
3885	Design, procurement, manufacturing, and supply of 20 Pulsation Dampeners and 20 Separators in accordance with ASME Sec VIII Div.1 with CE marking under PED 2014/68/EU Mod H1 for Green Hydrogen Project in Port Esbjerg, Denmark	40 No. (18 MT)	Howden Thomassen Compressors, Netherlands / European Energies, Denmark	27-Jul-22	3-May-23 Completed
3795	Design, procurement, manufacturing, Code Stamping to ASME Sec VIII Div 1, painting and supply of Second Stage HDS Finishing Reactor in Low Alloy Steel (SA387 Gr 11 Cl 2) clad with SS321	1 No.	Indian Oil Corp / Gujarat Refinery	10-Jun-22	20-Dec-23 Completed
3561	Design, procurement, manufacturing and supply of 6 Pulsation Dampeners and 3 Separators in accordance with ASME Sec VIII Div.1 for Propane Compressors for South Refinery Co., Basra, Iraq	9 No.	Howden Thomassen Compressors, Netherlands / Nur Engineering	9-May-22	6-Feb-23 Completed

3842	Design, procurement, manufacturing and supply of 6 Pulsation Dampeners and 6 Separators in CS accordance with ASME Sec VIII Div.1 with CE marking under PED 2014/68/EU for the 5 MW Hydrogen Electrolyser and Filling plant, Pfeffenhausen, Germany of Hy2B Wasserstoff GmbH	12 No.	Howden Thomassen Compressors, Netherlands / Kraftanlagen Energies & Services	4-May-22	25-Jan-23 Completed
3723	Design, procurement, manufacturing and supply of 4 Pressure Vessels in SS304 to AD2000 Merkblatt for Oman Sugar Refinery Co.	4 No.	BMA, Germany	21-Apr-22	17-Nov-22 Completed
3808	Design, procurement, manufacturing and supply of 6 Pulsation Dampeners in LTCS and 2 in SS316L, all in accordance with EN13445 with CE marking under PED 2014/68/EU Mod H1 for Anwil SA's Fertiliser Plant in Wloclawek, Poland through Prochem	8 No.	Howden Thomassen Compressors, Netherlands / Prochem / Anwil SA, Poland	16-Mar-22	22-Nov-22 Completed
3509	Supply of 8 Cold Boxes comprising of: 17 No. SS 304 Drums: Design, detailed engineering, procurement, manufacturing and Code Stamping to ASME Sec VIII Div 1	17 No.	Fives India Pvt Ltd / Fives Cryo, France / L&T Hydrocarbon Engg / HRRL Barmer	7-Dec-21	15-Sep-23 Completed
3694	Design, procurement, manufacturing, Code Stamping to ASME Sec VIII Div 1 and supply of 12 Pulsation Dampeners and 12 Coolers for Helium Compressors for Air Liquide Far East, Taiwan	24 Nos. (2.8 MT)	Howden Thomassen Compressors, Netherlands	25-Oct-21	23-Mar-22 Completed
3664	Design, procurement, manufacturing, conforming to CUTR certification and supply of Water Wash Tower, Water Chiller Tower and Liquid Disposal Vapouriser for 2000 TPD Oxygen Plant for Cherepovets Steel Mill of Severstal PAO in Vologda Region, Russia	3 No. (40 MT)	Air Liquide Severstal Russia	21-Mar-23 Revived	11-Jan-24 Completed
3628	Design, procurement, manufacturing, ASME Code stamping and painting of 2 No. Pressure Swing Molecular Sieve Adsorber (PSA) Vessels in accordance with ASME Sec VIII Div. I and Shell DEP for Nigeria LNG Ltd, Bonny Island, Nigeria	2 No. (11.2 MT)	Air Products and Chemicals Inc., USA	30-Aug-21	31-Mar-22 Completed
3642	Design, procurement, manufacturing, painting, CE marking and supply of 12 Pulsation Dampeners and 12 Suction Separators per ASME Sec VIII Div 1 for 20 MW PtX HySynergy Green Hydrogen Project of Everfuel at Shell Refinery, Fredericia, Denmark	24 No. (11.5 MT)	Howden Thomassen Compressors, Netherlands	4-Aug-21	9-Jan-22 Completed
3538	Design, procurement, manufacturing and supply of 6 Waste Nitrogen Chiller Towers in accordance with ASME Sec VIII Div.1 for Inox at 6 locations in India	6 No. (50 MT)	Prodair Air Products	11-May-21	29-Dec-22 Completed
3448	Design, procurement, manufacturing, Code stamping and supply of 2 no. Fabric Filters for Process Gas in accordance with ASME Sec VIII Div.1 for Nayara Energy Vadinar Refinery, India	2 no. (18 MT)	Luwa India Pvt Ltd	8-May-21	30-Sep-22 Completed

3529	Design, procurement, manufacturing and supply of 11 CS vessels (657 MT) and 8 SS304 (129 MT) vessels in accordance with ASME Sec VIII Div.1 for Dual Feed Cracker Block EPCC-07 Package of HPCL Rajasthan Refinery Ltd (HRRL), Barmer, India	19 No. (786 MT)	L&T Hydrocarbon Engineering Ltd.	20-Apr-21	18-Nov-23 Completed
3516	Design, procurement, manufacturing, CE marking and supply of 2 TSA Molecular Sieve Adsorbers in accordance with ASME Sec VIII Div.1 for Sapio Group, Italy for their gas production plant	2 No. (15.5 MT)	Prodair Air Products	2-Apr-21	30-Nov-21 Completed
3335	Design, procurement, manufacturing, ASME U Stamping and supply of 36 pulsation dampeners and 12 Liquid Collection Pots in accordance with ASME Sec VIII Div.1 for Pemex, Dos Bocas, Mexico	48 No. (63.8 MT)	Howden Thomassen Compressors, Netherlands	24-Nov-20	26-Oct-21 Completed
3402	Design, procurement, manufacturing, Code Stamping and supply of 8 Pulsation Dampeners and 8 Coolers for Helium Compressors in accordance with ASME Sec VIII Div 1 for Air Liquide Far East, Taiwan	16 Nos.	Howden Thomassen Compressors, Netherlands	11-Sep-20	16-Jan-21 Completed
3348	Design, procurement, manufacturing, painting and delivery of Purge Gas Drum to ASME Sec VIII Div 1 for 10 Bed PSA Project of HPCL Rajasthan Refinery Ltd. Barmer Refinery	1 No. (51.7 MT)	UOP India Pvt Ltd	22-Aug-20	30-Sep-21 Completed
3231	Design, procurement, manufacturing and supply of 8 Volume Bottles in accordance with ASME Sec VIII Div 1 for Gasoline Refinement Project of North Refineries Co., Baiji, Iraq	8 Nos.	Howden Thomassen Compressors, Netherlands	17-Apr-20	28-Dec-20 Completed
3287	Procurement and manufacturing of 12 Volume Bottles to ASME Sec VIII Div 1 for Midland Refinery Corp, Daura, Iraq	12 Nos.	Dresser-Rand India Ltd	2-Apr-20	6-Feb-21 Completed
3240	Design, procurement, manufacturing and supply of 24 Volume Bottles and 12 Liquid Collecting Pots in accordance with ASME Sec VIII Div 1 and GOST-R with CUTR 032/2013 certification for Transfer and Fractionation of Stable Gas Condensate Project of Novatek LLC at Ust-Luga Commercial Seaport, Russia	36 Nos.	Howden Thomassen Compressors, Netherlands	7-Feb-20	28-Nov-20 Completed
3154	Design, procurement, manufacturing, certification to PED 2014/68/EU (CE marking under Module H1) and delivery of 6 no. Molecular Sieve Adsorbers (TSA) in accordance with EN13445 for N.V. Nederlandse Gasunie's Nitrogen Plant at Zuidbroek, Netherlands.	6 Nos.	Air Products, Netherlands	29-Jul-19	20-Mar-21 Completed
3103	Design, procurement, manufacturing and DOSH Malaysia conformity certification of 7 no. pressure vessels in CS, SA 387 Gr. 11, Class 2 and SS 304 in accordance with ASME Sec VIII Div 1 for H2 Plant at Hengyuan Refining Company Berhad, Port Dickson, Malaysia	7 Nos.	Linde India	22-May-19	5-Mar-20 Completed
2861	Design, procurement, manufacturing, ASME 'U' stamping of GOX Buffer Vessel in accordance with ASME Sec VIII Div 1 for Sunflag Iron & Steel Company, Maharashtra, India	1 No.	Prodair Air Products India Pvt. Ltd.	30-Nov-18	28-Jun-19 Completed

2802	Design, procurement, manufacturing and supply of 2 Nos. of Knockout Drums in accordance with ASME Sec VIII Div 1 for BS VI & CRU Project at IOCL, Guwahati Refinery.	2 Nos.	Indian Oil Corporation	01-Aug-18	12-Oct-19 Completed
2780	Procurement, manufacturing and supply of 3 Nos. Vapour Chests and 7 Nos. Strike Receivers in accordance with ASME Sec VIII Div. 1 and Sound Engineering Practice for Biomass Industries Associates (BIA), Tunisia	10 Nos.	BMA AG, Germany	01-Jun-18	25-Sep-19 Completed
2772	Design, procurement, manufacturing, Code stamping, NB registration, and Design registration with ABSA and CRN number for 4 Nos. Adsorber Vessels (PSA) and 1 No. Tail Gas Drum in accordance with ASME Sec VIII Div. 1 for H2 PSA Plant in Redwater, Canada	5 Nos.	Linde AG, Germany	18-May-18	10-Mar-19 Completed
2800	Design, procurement, manufacturing of 6 Nos. of Adsorber Vessels in accordance with ASME Sec VIII Div. 1 for BS VI Project- IOCL, Mathura Refinery's 6 Bed Polybed PSA unit	6 Nos.	UOP India Pvt. Ltd.	17-Apr-18	19-Dec-18 Completed
2793	Design, procurement, manufacturing and supply with ASME U stamp certification of 8 nos. pressure vessels in accordance with ASME Sec VIII Div. I for BPCL-Kochi's Syngas Coldbox project.	8 Nos.	Prodair Air Products India Pvt. Ltd.	5-Apr-18	29-Apr-19 Completed
2786	Design, procurement, manufacturing and supply of 2 nos. of heater shells in accordance with ASME Sec VIII Div. 1 for BHP Billiton's Kwinana Nickel Refinery, Australia	2 Nos.	Access Petrotec Pty. Ltd., Australia	7-Mar-18	11-Aug-18 Completed
2749	Design, procurement, manufacturing and supply of UNS S32205/SA 240 Gr 304L Drier in accordance with ASME Section VIII Division 1 and CUTR 032/2013 and GOST for 200 TPD Biodiesel Delfin Glycerin Distillation plant in Pobedy St., Sofrino Skyregion, Moscow, Russia for Delfin Group.	1 No.	Air Liquide Global E&C Solutions India Pvt. Ltd.	12-Jan-18	08-Aug-18 Completed
2703	Design, procurement, manufacturing and supply of UNS S32205/SA 240Gr 304L Glycerin Distillation Column in accordance with ASME Section VIII Div 1 and CUTR 032/2013 and GOST for 200 TPD Biodiesel Delfin Glycerin Distillation plant in Pobedy St., Sofrino Skyregion, Moscow, Russia for Delfin Group.	1 No.	Air Liquide Global E&C Solutions India Pvt. Ltd.	21-Nov-17	11-Aug-18 Completed
2385	Design, procurement, manufacturing and ASME Code Stamping (Partial 'S' stamp) and supply of 4 Nos. Water Wall Panels, 1 No. Mud Drum, 1 No. Steam Boiler Drum in accordance with ASME Sec 1	2 Nos.	Turboflow Sociedad Anonima, Uruguay	16-Oct-17	22-May-18 Completed
2672	Design, procurement, manufacturing and supply of PSA Surge Tank in accordance with ASME Sec VIII Div. 1 Ed 2015, UOP & EIL specifications for HGU BS VI Project- IOCL, Gujarat Refinery	1 No.	UOP India Pvt. Ltd.	28-Sep-17	19-Jun-18 Completed
2364	Design, procurement, manufacturing, ASME 'U' stamping and delivery of 2 Nos. Chlorine Tanks in accordance with ASME Sec VIII Div. 1	2 Nos.	CIR Sociedad Anonima, Uruguay	30-Aug-17	11-Dec-17 Completed

2549	Procurement, manufacturing and supply of 3 Nos. Falling Film Evaporators in accordance with Sound Engineering Practice per PED 2014/68/EU for Alreef Sugar Refinery-Jizan, Saudi Arabia	3 Nos.	BMA AG, Germany	14-Aug-17	19-Sep-18 Completed
2554	Procurement, manufacturing and supply of 10 Nos. Dampeners & 2 Nos. Condensate Bottles in accordance with ASME Sec VIII Div.1/ TEMA Class C and LR Rules and Regulations for Classification of Ships for Liquid Gas Equipment Limited, Edinburgh.	12 Nos.	Burckhardt Compression (India) Pvt. Ltd.	3-Aug-17	30-Dec-17 Completed
2666	Design, procurement, manufacturing with ASME U Stamp certification and NB Registration for Nitrogen Receiver in accordance with ASME Sec VIII Div. 1 for Jordan Bromine Company, TBBPA Debottlenecking project, Jordan.	1 No.	Albemarle Corporation	25-Jul-17	22-Jan-18 Completed
2640	Design, procurement, manufacturing, CE marking and supply of 4 Nos. Volume Bottles, 4 Nos. Pulsation Dampeners and 2 Nos. Liquid Collection Pots in accordance with PED 2014/68/EU, ASME Sec VIII Div. 1 for Enagas, Barcelona, Spain.	10 Nos.	Howden Thomassen Compressors BV, Netherlands	24-Jul-17	28-Mar-18 Completed
2538	Design, procurement, manufacturing with ASME U Stamp certification and NB Registration and supply of 5 Nos. SS Columns and 1 No. Hopper Vessel in accordance with ASME Sec VIII Div. 1 for Jordan Bromine Company, TBBPA Debottlenecking Project, Jordan	6 Nos.	Albemarle Corp, USA	11-Apr-17	13-Apr-18 Completed
2508	Design, procurement, manufacturing and supply of 1 No. Nitrogen Receiver in accordance with AS 1210:2010	1 No	Access Petrotec Pty. Ltd., Australia	15-Feb-17	29-Jun-17 Completed
2493	Design, procurement, manufacturing and supply of UNS S32205/SS304L Distillation column for 12075-Adani-100 TPD Biodiesel Crude Glycerin Distillation plant	1 No	Air Liquide Global E&C Solutions India Pvt. Ltd.	18-Jan-17	30-Sep-17 Completed
2490	Design, procurement, manufacturing, Code stamping and supply of 4 Nos Volume Bottles and 2 Nos Pulsation Dampeners to ASME Sec VIII Div 1 for Propylene Compressors for Paz Ashdod Refinery, Israel	6 Nos	Howden Thomassen Compressors BV, Netherlands	5-Jan-17	9-Sep-17 Completed
2395	Design, procurement, manufacturing and supply of Sulphur Locks, Anti foam Pots, Sulphur Pit Steam Coil and Bubble Column in accordance with ASME Sec VIII Div.1 for Fluor-Daewoo-Hyundai JV for Desulphurization Project of Kuwait National Petroleum Company, Kuwait	36 No	Access Petrotec, Australia	7-Dec-16	2-Jan-18 Completed
2461	Supply of nozzles for modification in existing pressure vessels in DHDS Unit under BS IV Project of Gujarat Refinery	5 No.	Indian Oil Corp Ltd.	29-Nov-16	16-May-17 Completed
2422	Design, procurement, manufacturing of CS Pressure Vessels in accordance with ASME Sec VIII Div. 1 for Modification of ONGC, Hazira Plant under Daman Development Project	6 No	Engineers India Ltd.	07-Nov-16	31-Jul-17 Completed

2448	Design, procurement, manufacturing and supply of Nickel Reduction Autoclave to AS1210 for BHP Billiton in Australia	1 No.	Access Petrotec Pty Ltd	09-Sep-16	31-May-17 Completed
2061	Procurement, manufacturing and supply of 2 Nickel Reduction Autoclaves of 38 CuM size in Duplex SS (UNS 31803) in accordance with AS 1210: 2010 for BHP Billiton's Kwinana Nickel Refinery, Australia	1 No.	Access Petrotec, Australia	09-Sep-16	16-Feb-17 Completed
2363	Design, procurement, manufacturing of SS Reactor in accordance with ASME Sec VIII Div. 1 & IBR	1 No.	Carborundum Universal Limited, India	10-May-16	31-Mar-17 Completed
2193	Design, procurement, manufacturing and supply of Pressurizer Tanks in accordance with ASME Sec VIII Div. 1, PED 2014/68/EU for ITER-France CWS Project	7 Nos	L & T Construction / ITER – India	19-Nov-15	12-Jul-18 Completed
2253	Design, procurement, manufacturing and supply of 18 Nos Pulsation Dampeners and 6 Nos Liquid Collection Pots to ASME Sec VIII Div 1 with CUTR 032/2013 certification for the Hydrocracker Complex Project being built by CB&I through project developer Maveg GmbH at Afipsky Oil Refinery in Krasnodar, Russia	24 Nos	Howden Thomassen Compressors BV, Netherlands	20-Oct-15	28-Sep-16 Completed
2247	Design, procurement, manufacturing and supply of heater shells for Reactivation Heater and Deriming Heater 1 each to ASME Sec VIII Div 1 for Sasol's 5000 TPD ASU project (17 th Train) in Secunda, South Africa by Air Liquide	2 Nos	Sandvik Asia Pvt Ltd	5-Oct-15	10-Mar-16 Completed
2164	Design, detailed engineering, procurement, fabrication, testing, painting, certification and delivery of Reactor in accordance with ASME Sec VIII Div. 1 for Pasadena plant of Albemarle Corporation, USA.	1 No.	Albemarle Corporation, USA	1-Sep-15	25-Feb-17 Completed
2091	Design, detailed engineering, procurement, manufacturing and supply of 16 Nos. of CS Pressure Vessels to ASME Sec VIII Div 1 for Honeywell Apollo 2 Project, Geismar, LA	16 Nos	Access Petrotec Pty Ltd	7-Jan-15	30-Sep-15 Completed
2010	Design, procurement, manufacturing, ASME U stamping and supply of 2 No. Temperature Swing Adsorber Vessels in accordance with ASME Sec VIII Div 1 for ASU Project of Bharat Petroleum Corporation Ltd., Kochi, India	2 Nos	Prodair Air Products India Pvt. Ltd.	18-Jul-14	27-Mar-15 Completed
2041	Design, procurement, manufacturing and supply of heater shells for Reactivation Heater and Deriming Heater 1 each in accordance with ASME Sec VIII Div 1 for Gasal RLW 8-1 Project, Qatar for Air Liquide / Cryogen Lurgi Zimmer	2 Nos	Sandvik Asia Pvt Ltd	5-Jun-14	21-Aug-14 Completed
1929/ 2068	Design, procurement, manufacturing and supply of 8 No. Volume Bottles and 4 No. Liquid Collection Pots in accordance with ASME Sec VIII Div 1 for J3 Program of Reliance Industries Ltd., Jamnagar, India	12 Nos	Howden Thomassen Compressors India Pvt. Ltd.	2-May-14	31-Mar-15 Completed
2016	Design, procurement, manufacturing, ASME U stamping and supply of 5 No. Nitrogen Heater Shell in accordance with ASME Sec VIII Div 1 for J3 Program of Reliance Industries Ltd., Jamnagar, India	5 Nos	Sandvik Asia Pvt Ltd	16-Apr-14	27-Jan-15 Completed

2014	Procurement ,manufacturing and supply of 2 Sets of Incinerator shells in accordance with ASME Sec VIII Div 1 for Sulphur Recovery Package of Linde for Reliance Industries Ltd., Jamnagar, India	2 Sets	Thermax Limited	8-Apr-14	31-Dec-14 Completed
2008	Design, procurement, manufacturing, ASME U stamping and supply of 5 No. Electrical Heater Shell in accordance with ASME Sec VIII Div 1 for Carbon Back & Delayed Coker Project by International Bechtel Co. Ltd. for Abu Dhabi Oil Refining Company (Takreer), Abu Dhabi	5 Nos	Sandvik Asia Pvt Ltd	2-Apr-14	12-Sep-14 Completed
1979	Design, procurement, manufacturing and supply of 8 No. Pulsation Dampeners in accordance with ASME Sec VIII Div 1 and GOST-R for Salavatnefteorgsintez Petrochemical Plant, Salavat, Russia	8 Nos	Howden BC Compressors, France	11-Feb-14	28-Aug-14 Completed
1832	Design, procurement, manufacturing and supply of SS 316L columns for 45 MTPD Nylon-6 Plant-2 Project	7 Nos	Gujarat State Fertilizers and Chemicals Ltd.	25-Sep-13	05-Dec-14 Completed
1903	Design, procurement, manufacturing and supply of 6 no. Pulsation Dampeners and 2 no. Moisture Separators in accordance with ASME Sec VIII Div 1 and GOST-R for Salavatnefteorgsintez Petrochemical Plant, Salavat, Russia	8 Nos	Howden BC Compressors, France	24-Dec-13	31-May-14 Completed
1940	Design, procurement, manufacturing, ASME 'U' Stamping and supply of 6 off Pressure Swing Adsorbers and 1 off Vent Gas Buffer in accordance with ASME Sec VIII Div. 1 for Calumet Montana Refining LLC, Great Falls, Montana, USA	7 No. (95 Tonnes)	Linde AG, Germany	18-Dec-13	20-Jan-15 Completed
1856	Design, procurement, manufacturing and supply of 19 no. Pulsation Dampeners and 3 no. Moisture Separators in accordance with ASME Sec VIII Div 1 and GOST-R for Kirishi Refinery of Kirishinefteorgsintez LLC, Russia	21 Nos	Howden BC Compressors, France	06-Dec-13	12-Aug-14 Completed
1882	Design, procurement, manufacturing and supply of 6 no. Volume Bottles and 4no. Purge Pots to ASME Sec VIII Div 1 and GOST-R for Glencore Project, Russia	10 Nos	Howden BC Compressors, France	2-Dec-13	8-May-14 Completed
1851	Design, procurement, manufacturing, ASME 'U' stamping and supply of 1 Nos of 5 CuM Air Receiver to ASME Sec VIII Div 1.	1 No.	Procter & Gamble Home Products Limited	28-Nov-13	18-Apr-14 Completed
1918	Design, procurement, manufacturing, certification to DOSH Malaysia and supply of 2 No. Defrost Gas Heater in accordance with ASME Sec VIII Div 1 for JGC Corp for Petronas LNG Train 9 Project, Bintulu, Sarawak, Malaysia	2 Nos	Sandvik Asia Pvt Ltd	26-Nov-13	22-Mar-14 Completed
1877	Design, procurement, manufacturing and supply of SS 316L Distillation Columns to ASME Sec VIII Div 1 for FMP Plant at Dahej.	3 No.	SRF Ltd.	20-Sep-13	9-Feb-14 Completed
1848	Design, procurement, manufacturing and supply of SS304H Catalyst Reduction Reactor (hydrogen service) in accordance with ASME Sec VIII Div.1	1 No.	Sud-Chemie India Pvt. Ltd.	12-Sep-13	08-Jan-14 Completed
1875	Design, procurement, manufacturing and supply of HOG Dump Tank for FMP-2 & P2 Plant	1 No.	SRF Ltd.	10-Sep-13	24-Dec-13 Completed

1727	Design, procurement , manufacturing, ASME 'U' Stamping and supply of 2 off Molecular Sieve Adsorbers (Temperature Swing Adsorber Vessels) in accordance with ASME Sec VIII Div. 1. For Rabigh Phase II Petrochemical Project for Aramco Overseas Co. BV and Sumitomo Chemical Co.	2 Nos	Air Products PLC, UK/ Petrofac Saudi Arabia	15-Aug-13	24-Apr-15 Completed
1606	Design procurement, manufacturing, ASME U Stamping and supply of UN T21 Portable Tanks in accordance with ASME Sec VIII Div. 1.	4 Nos	Albemarle Corporation, USA	12-Aug-13	16-Apr-14 Completed
1788	Design, procurement, manufacturing, ASME 'U' stamping and supply of 2 Nos of 5 CuM & 5 Nos of 10 CuM Air Receivers in accordance with ASME Sec VIII Div 1.	7 Nos	Procter & Gamble Home Products Limited	7-May-13	31-Aug-13 Completed
1730	Design, procurement, manufacturing, ASME 'U' stamping and supply of 3 CuM, Air Receiver in accordance with ASME Sec VIII Div 1.	1 No.	Gillette India Limited	10-Apr-13	29-Jul-13 Completed
1745	Design, procurement, manufacturing and supply of Pressure Vessels in accordance with ASME Sec VIII Div 1 for P1 Project at Dahej.	3 Nos	SRF Ltd.	21-Mar-13	7-Oct-13 Completed
1692	Design, procurement, manufacturing and supply of Volume Bottles to ASME Sec VIII Div 1 with GOST-R Certification for Rosneft-Komsomolsk C Project, Russia.	8 Nos	Howden Thomassen Compressors BV, Netherlands	20-Mar-13	21-Jan-14 Completed
1749	Design, procurement, manufacturing, ASME 'U' stamping and supply of 5 CuM, SS 304 Air Receiver.	1 No.	Procter & Gamble Home Products Limited	14-Mar-13	29-Jul-13 Completed
1757	Design, procurement, manufacturing, ASME 'U' Stamping, Certification to PED 97/23/EC (CE marking under Module H1) and supply of 1 No. Reactivation Heater Containment Vessel in accordance with ASME Sec VIII Div 1 for Air Products, Tees Valley Project	1 No.	Sandvik Asia Pvt Ltd	22-Feb-13	27-Jun-13 Completed
1751	Design, procurement, manufacturing and supply of CS Column (Lethal Service) in accordance with ASME Sec VIII Div 1 for P1 Project at Dahej, Gujarat.	1 No.	SRF Ltd.	13-Feb-13	25-Nov-13 Completed
1726	Design, procurement, manufacturing and supply of CS Columns in accordance with ASME Sec VIII Div 1 for P1 Project at Dahej.	6 Nos	SRF Ltd.	10-Jan-13	28-Jun-13 Completed
1693	Design, detailed engg, procurement, manufacturing, testing, 'U' Stamping and delivery of 1 No. Regeneration Heater Containment Vessel in accordance with ASME Sec VIII Div 1 for Air Products, FQM Zambia Project.	1 No.	Sandvik Asia Pvt Ltd	24-Oct-12	26-Mar-13 Completed
1605	Design, procurement, manufacturing, ASME 'U' Stamping, certification to PED 97/23/EC (CE marking under Module H1) and supply of 1 no. Reactivation Heater vessel in accordance with ASME Sec VIII Div 1 for NAM, Netherlands	1 No.	Air Products, Netherlands	5-Apr-12	13-Oct-12 Completed

1559	Design, procurement, manufacturing, ASME 'U' Stamping, certification to PED 97/23/EC (CE marking under Module H1) and supply of 1 no. Reactivation Heater vessel in accordance with ASME Sec VIII Div 1 for Teplitz, Czech Republic	1 No.	Air Products, Czech Republic	4-Apr-12	27-Sep-12 Completed
1656	Design, procurement, manufacturing, ASME 'U' stamping and supply of Chlorine Tanks Pressure in accordance with ASME Sec VIII Div. 1	3 Nos	CIR Sociedad Anonima, Uruguay	06-Jul-12	31-Oct-12 Completed
1655	Design, procurement, manufacturing, ASME 'U' Stamping in accordance with ASME Sec VIII Div 1 and supply of 1 No. After Cooler, 2 Nos Adsorber Vessels and 1 No. Chilled Water tower to a total weight of 236 Tons. for Kansanshi Copper Smelter ASU, Zambia.	4 Nos	Air Products plc, UK	23-Aug-12	11-May-13 Completed
1503	Design, procurement, manufacturing, ASME 'U' Stamping, Certification and supply of C1980 Portable Tanks in accordance with ASME Sec VIII Div 1, IMDG/ADR/US DOT/RID/UNT 21/UN3394/TC/TIR	10 Nos	Gulbrandsen Chemicals	12-Jan-12	31-Dec-12 Completed
1554	Design, procurement, manufacturing, ASME 'U' Stamping and supply of 3 CuM Air Receiver in accordance with ASME Sec VIII Div 1	1 No.	Procter and Gamble, India	4-Jan-12	07-May-12 Completed
1539	Design, procurement, manufacturing, ASME 'U' stamping and supply of 5 Nos Pressure Vessels in accordance with ASME Sec VIII Div. 1 for Montes del Plata Paper Mill Project of Celulosa Y Energia Punta Pereira SA, Uruguay	5 Nos	CIR Sociedad Anonima, Uruguay	26-Dec-11	16-May-12 Completed
1550	Design, procurement, manufacturing, ASME 'U' Stamping and supply of 6 No. Volume Bottles to ASME Sec VIII Div 1 for Formosa Petrochemical Corp., Taiwan	6 Nos	Howden BC Compressors, France / Fu Tai Engg. Co. Ltd.	16-Dec-11	04-Jul-12 Completed
1527	Design, procurement, manufacturing, ASME 'U' Stamping, certification to PED 97/23/EC (CE marking under Module H1) and supply of 2 no. Molecular Sieve Adsorbers in accordance with ASME Sec VIII Div 1 for Prism ON300 Plant, AGC Glass Europe Teplitz, Czech Republic	2 Nos	Air Products, UK	9-Dec-11	24-Jul-12 Completed
1464	Design, procurement, manufacturing, ASME 'U' Stamping and supply of DDU-France of 6 no. Volume Bottles in accordance with ASME Sec VIII Div 1 for Al Yer Hydrogen Plant, Yanbu, Saudi Arabia	6 Nos	Howden BC Compressors, France / Lurgi / Air Liquide / SABIC	9-Dec-11	04-Jul-12 Completed
1530	Design, procurement, manufacturing, ASME 'U' Stamping, certification to PED 97/23/EC (CE marking) DDU-France and supply of 3 no. Volume Bottles in accordance with ASME Sec VIII Div 1 for Ibn Rushid PTA and Aromatics Project of Arabian Industrial Fibers Co. Ltd., Saudi Arabia	3 Nos	Howden BC Compressors, France / Bechtel Ltd.	1-Dec-11	03-May-12 Completed

1542	Design, procurement, manufacturing and supply of 2 CuM Nitrogen Storage Vessel in accordance with ASME Sec VIII Div 1 with PED certification for Singapore	1 No.	ALD Dynatech Furnaces / General Electric Corp., Singapore	16-Nov-11	03-Mar-12 Completed
1520	Design, procurement, manufacturing, ASME 'U' Stamping and DDU-France and supply of 4 no. Volume Bottles in accordance with ASME Sec VIII Div 1 for 6000 Tons Polysilicon Plant, Zhang Bin Industrial Park of Powertec Energy Corp, Taiwan	4 Nos	Howden BC Compressors, France / CTCI Corporation, Taiwan	16-Nov-11	20-Apr-12 Completed
1501	Design, procurement, manufacturing and supply of 40 KL DEAC Storage Tank in accordance with ASME Sec VIII Div 1 for 20 TEAI Derivatives Project	1 No.	Gulbrandsen Chemicals	15-Nov-11	31-Mar-12 Completed
1529	Procurement, manufacturing and supply of Pressure Vessel for DFHP200M Furnace	1 No.	ALD Dynatech Furnaces / General Electric Corp., Singapore	15-Nov-11	23-Feb-12 Completed
1432	Design, procurement, manufacturing, ASME 'U' Stamping and supply of Volume Bottles and Pulsation Dampeners in accordance with ASME Sec VIII Div 1 for LDPE Project, Ruwais of Abu Dhabi Polymers Co. Ltd. (Borouge)	8 Nos	Howden BC Compressors, France / Samsung Engg – Tecnimont SpA JV	27-Sep-11	23-Mar-12 Completed
1448	Design, procurement, manufacturing and supply of Volume Bottles in accordance with ASME Sec VIII Div 1 for EIL – Brahmaputra Cracker & Polymer Ltd. Petrochemical Complex Project	5 Nos	Howden BC Compressors, France	8-Aug-11	16-Dec-11 Completed
1462	Design, procurement, manufacturing and supply of SS Column (T-1805) in accordance with ASME Sec VIII Div 1 for FMP Plant	1 No.	SRF Ltd.	3-Aug-11	9-Nov-11 Completed
1413	Design, procurement, manufacturing, ASME 'U' stamping and supply of 10 Nos Chlorine Tanks in accordance with ASME Sec VIII Div. 1	10 Nos (135 MT)	CIR Sociedad Anonima, Uruguay	22-Jun-11	19-Nov-11 Completed
1409	Design, procurement, manufacturing and supply of CS Continuous / Batch Distillation Hexa Column (T-11491) in accordance with ASME Sec VIII Div 1 for FMP Plant	1 No.	SRF Ltd.	10-Jun-11	7-Dec-11 Completed
1386/ 1442/ 1443	Design, procurement, manufacturing and supply of CS / SS316L Continuous / Batch Distillation Columns to ASME Sec VIII Div 1 for FMP Plant	3 Nos	SRF Ltd.	23-May-11	7-Dec-11 Completed
1371	Design, procurement, manufacturing and supply of SS316L Continuous / Batch Distillation Columns to ASME Sec VIII Div 1 for FMP Plant	6 Nos	SRF Ltd.	18-May-11	23-Nov-11 Completed

1238	Manufacturing and supply of DI Acid Mixing Tee (SS304) and Dilute Caustic Mixing Tee (CS) for TDI-Dahej Project	2 Nos	GNFC	14-Apr-11	18-Aug-11 Completed
1313	Design, procurement, manufacturing, ASME 'U' stamping and supply of 5 CuM Air Receivers in accordance with ASME Sec VIII Div. 1	2 Nos	Powertech Energy Corp/ Procter & Gamble	3-Mar-11	4-Aug-11 Completed
1317	Procurement, manufacturing and supply of Single Chamber Vacuum Furnace Monotherm 669, 10 Bar to AD 2000 Merkblatt with certification under PED/97/23/EC Module G with CE Marking	1 No.	Dynatech Furnaces / ALD Vacuum Technologies	3-Feb-11	26-Jul-11 Completed
1298	Manufacturing and supply of 12 No. HP Heater Shells No. 6, 7 and 8 for 3 x 600 MW Koradi TPS Unit 8 & 9 with IBR Stamp	12 Nos	L&T Heavy Engineering / Mahagenco	24-Dec-10	06-Oct-12 Completed
1126	Procurement, manufacturing and supply of Vacuum Distillation Top Retorts SS310S, 1540 (D) x 2955 mm (L) x 20 mm (T) for Zirconia Sponge Reactor in accordance with ASME Sec VIII Div 1	5 Nos	Department of Atomic Energy, Nuclear Fuel Complex, Hyderabad	20-May-10	30-Mar-11 Completed
1127	Design, procurement, manufacturing, ASME 'U' stamping and supply of 4 Nos 4000 lit Air Receivers in accordance with ASME Sec VIII Div. 1	4 Nos	Rolls Royce Power Eng INC, UK / OMV Exploration GmbH	20-Apr-10	15-Oct-10 Completed
1142	Design, procurement, manufacturing, ASME 'U' stamping, and supply of 2 Nos Tower Assembly in accordance with ASME Sec VIII Div. 1	2 Nos	Trident Pneumatics Pvt Ltd / ONGC-Sagar Gaurav	24-Dec-09	07-Mar-10 Completed
1068	Procurement, manufacturing and supply of SS310S 1400 mm dia x 1750 Shell Bottom Section for Reduction Retort for Zirconia Sponge Reactor in accordance with ASME Sec VIII Div. 1	1 No.	Department of Atomic Energy, Nuclear Fuel Complex, Hyderabad	14-Nov-09	11-Dec-10 Completed
1008	Design, procurement, manufacturing and supply of Air Receiver, 10 CuM and 15 CuM to ASME Section VIII Div I for 500MW Korba West TPP	4 Nos	BHEL, Ranipet	05-Nov09	26-May-10 Completed
1045	Procurement, manufacturing and supply of 2 No Fluidised Bed Coolers each comprising 4.6M(Ø) x 5.6 M(H) CS Shell and 4 No SS304 tube bundles of 5.5MT each	2 Nos (88 MT)	FLSmidth Pvt. Ltd. / Utkal Alumina	03-Jul-09	07-Mar-10 Completed
1039	Design, procurement, manufacturing, ASME 'U' stamping, rubber lining and supply of 2 Nos Multi Cartridge Filters in accordance with ASME Sec VIII Div. 1 including marine certification by American Bureau of Shipping (ABS) for Siemens Pte Ltd, Singapore for Jubilee FPSO built by Mitsui Engg and Shipbuilding	2 Nos	Filter Concept Inc/Siemens Pte Ltd / Tullow Ghana Ltd	18-May-09	10-Sep-09 Completed

Heat Exchangers

Job No	Description of Job	Qty	Client / Owner	Period	
				From	To
4034	Design, procurement, manufacturing, ASME U Stamping and supply of Shell & Tube Heat Exchangers CS and LAS in accordance with ASME Sec VIII Div.1, TEMA 'R' for Gas Chemical Complex, Karakul for Methyl to Olefins Project.	10 No	Enter Engg. Pvt Ltd., Uzbekistan	15-Dec-23	Force Majeure by Owner
4229	Design, procurement, manufacturing and Supply of Heat Exchangers in SA516 Gr 60 NACE+HIC, tube sheets in SA266 Cl 4, tubes and baffles in SA 790 S32750 in accordance with ASME Sec. VIII, Div.1 and TEMA R for Residue Hydrocracker Unit of IOCL Panipat Refinery Expansion Project (P25)	4 No	Bliss Anand Pvt Ltd	1-Aug-23	In progress
3880	Design, procurement, manufacturing and supply of shell & tube heat exchangers, 2 in LAS (SA387 Gr 11 Cl 2) and 5 in CS in accordance with ASME Sec VIII Div.1 and TEMA 'R' for the 330 TPD Methyl Ester Hydrogenation Plant of Oleo Chemicals Project for PT Wilmar Nabati, Gresik, Indonesia	7 No. (20 MT)	Air Liquide / JJ Lurgi Engg Sdn Bhd Malaysia	2-Jun-22	20-Apr-23 Completed
3683	Design, procurement, fabrication, testing, painting and delivery of 10 nos. Steam Coil Air Preheaters to ASME Sec VIII Div. 1 for NTPC Vindhyachal	10 No.	BHEL, Ranipet	11-Nov-21	3-May-22 Completed
3611	Procurement, manufacturing and supply of 1 No of replacement tube bundle for Fluidised Bed Air Cooler for Jharsuguda Aluminum Plant of Vedanta	1 No.	FLSmidth Pvt. Ltd.	9-Sep-21	27-Jan-22 Completed
3586	Procurement, manufacturing and supply of 2 No of replacement tube bundles for Fluidised Bed Air Cooler	2 No.	FLSmidth Pvt. Ltd.	6-May-21	30-Oct-21 Completed
3402	Design, manufacturing, ASME Code Stamping and supply of 8 Coolers for Helium Compressors in accordance with ASME Sec VIII Div 1 for Air Liquide Far East, Taiwan	16 Nos.	Howden Thomassen Compressors, Netherlands	11-Sep-20	16-Jan-21 Completed
3368	Procurement, manufacturing with LR Marine certification and supply of 2 replacement tube bundles for Stage 4 & 5 LNG Inter Coolers in accordance with ASME Sec VIII Div.1 / TEMA Class C and LR Rules and Regulations for Classification of Ships for Liquid Gas Equipment Limited, Edinburgh	2 No.	Burckhardt Compression (India) Pvt. Ltd.	20-Jul-20	28-Sep-20 Completed
3103	Design, procurement, manufacturing with DOSH Malaysia conformity certification and supply of 4 no. shell & tube heat exchangers in CS and SS 304 for H2 Plant at Hengyuan Refining Company Berhad, Port Dickson, Malaysia	4 No.	Linde India	22-May-19	5-Mar-20 Completed
2853	Procurement, manufacturing and supply of 1 No of replacement tube bundle for Fluidised Bed Air Cooler as per FLSmidth drawings.	1 No.	FLSmidth Pvt. Ltd.	26-Nov-18	30-May-19 Completed

2811	Design, procurement, manufacturing and supply of 2 off Intercoolers shell side, rear end tube side with removable tube bundles with floating head cover in accordance with ASME Sec VIII Div. 1, TEMA Class C, and AS1210.	1 No.	Access Petrotec Pty. Ltd., Australia	16-Aug-18	6-Jul-2019 Completed
2767	Design, procurement, manufacturing and supply of 1 No. ST Forced Cooling Air Cooler in accordance with ASME section VIII Div 1 and TEMA Class C for 1 X 660 MW supercritical thermal power plant at UPRVUNL, Harduaganj	1 No.	Toshiba JSW Power Systems Pvt. Ltd.	21-Aug-18	17-Aug-19 Completed
2783	Design, procurement, manufacturing and supply of 4 nos. Steam Coil Air Preheaters to ASME Sec VIII Div. 1 for 2x660 MW Maitree super thermal power project, Bangladesh	4 Nos.	BHEL, Ranipet	17-Jul-18	11-Dec-19 Completed
2765	Design, procurement, manufacturing and supply of 2 nos. Steam Coil Air Preheaters to ASME Sec VIII Div. 1 for NTPC- Vindhyachal Stage-1 project	2 Nos.	BHEL, Ranipet	13-Apr-18	08-Feb-19 Completed
2554	Procurement, manufacturing and supply of 10 Nos. Gas Coolers in accordance with ASME Sec VIII Div.1 / TEMA Class C and LR Rules and Regulations for Classification of Ships and Burckhardt specifications for Liquid Gas Equipment Limited, Edinburgh.	10 Nos.	Burckhardt Compression (India) Pvt. Ltd.	3-Aug-17	30-Dec-17 Completed
2487	Design, procurement, manufacturing and supply of Steam Coil Air Preheaters to ASME Sec VIII Div. 1 and BHEL specs for NTPC SAIL Power Company, Rourkela PP-II Expansion 1x250 MW	2 Nos.	BHEL, Ranipet	24-Jan-17	28-Sep-17 Completed
2499	Procurement, manufacturing and supply of 1 No Duplex SS replacement tube bundle to ASME Sec VIII Div 1 for Visakh Refinery	1 No	HPCL	23-Jan-17	12-Jul-17 Completed
2427	Design, detailed engineering, procurement, fabrication, testing and delivery of Steam Coil Air Preheaters to ASME Sec VIII Div. 1 and BHEL specs for Tuticorin TPS Stage IV, 1 x 525MW, MEIL, Tamilnadu	2 Nos.	BHEL, Ranipet	23-Nov-16	28-Dec-17 Completed
2222	Design, procurement, manufacturing, ASME code stamping and supply of 2 Nos. ST Forced Cooling Air Cooler in accordance with ASME section VIII Div 1 and TEMA Class C for 2 X 800 MW NTPC Darlipalli Super Thermal Power Project.	2 Nos.	Toshiba JSW Power Systems Pvt. Ltd.	7-Jan-16	27-Dec-17 Completed
1999	Procurement, manufacturing and supply of 2 No tube bundles as per drawings issued by FLSmidth.	2 Nos.	FLSmidth Pvt. Ltd.	4-Nov-15	14-May-16 Completed
2198	Design, procurement, manufacturing and supply of Steam Coil Air Preheaters to ASME Sec VIII Div. 1 and BHEL specs for NTPC-Darlipalli STPP ST-I 2x800 MW , Sundargarh, Odisha	4 Nos.	BHEL, Ranipet	28-Jul-15	9-Jun-16 Completed
1978	Procurement, manufacturing, partial ASME 'U' Stamping and supply of 4 nos. of Heat Exchanger Tube Bundles and 1 no. Heat Exchanger to ASME Sec VIII Div 1 for Gas Oil Y Gasolina De Bajo Azufre project of ANCAP for Refinería La Teja, Montevideo,Uruguay	5 Nos.	Petroleum Services Co. WLL	29-Jan-15	24-Nov-15 Completed

2037	Procurement, manufacturing and supply of Natural Gas Cooler to ASME Sec VIII Div. 1	1 No.	PT South Pacific Viscose, Indonesia	10-Aug-14	13-Jan-15 Completed
2032	Design, procurement, manufacturing and supply of Steam Coil Air Preheaters to ASME Sec VIII Div. 1 and BHEL specs for Indian Oil Corp., Mathura Refinery	3 Nos.	BHEL, Ranipet	23-Jun-14	30-Sep-14 Completed
2017	Design, procurement, manufacturing and supply of 2 Bypass Gas Coolers, 2 Oil Heat Exchangers and 1 Water Cooler to ASME Sec VIII Div 1 TEMA R / C, and GOST-R for Salavat, Russia	5 Nos	Howden BC Compressors, France	19-Mar-14	9-Sep-14 Completed
1909	Procurement, manufacturing and supply of replacement Gas Cooler E-203 to ASME Sec VIII Div 1, tubes of SA 312 TP 347H and header of Incolloy 800H.	1 Set	Kribhco / Heavy Water Plant, Dept of Atomic Energy, Surat	11-Jan-14	2-Feb-15 Completed
1886	Design, procurement, manufacturing and supply of 3 heat exchangers for H ₂ S / CS ₂ service	3 Nos	PT South Pacific Viscose, Indonesia	15-Oct-13	7-Feb-14 Completed
1903	Design, procurement, manufacturing and supply of 2 Lub Oil Coolers, 2 Process Gas Coolers and 1 Water Cooler to ASME Sec VIII Div 1, TEMA R / C, and GOST-R for Salavatnefteorgsintez Petrochemical Plant, Salavat, Russia	5 Nos	Howden BC Compressors, France	24-Dec-13	31-May-14 Completed
1970	Design, procurement, manufacturing and supply of 2 No. Bypass Gas Coolers, 1 No. Interstage Gas Coolers, 6 No. Duplex Lub Oil Coolers, 3 No. Duplex Water Coolers, all to ASME Sec VIII Div 1, TEMA Class C / R and GOST-R for Kirishi Refinery of Kirishinefteorgsintez LLC, Russia	12 Nos	Howden BC Compressors, France	20-Dec-13	27-Sep-14 Completed
1810	Design, procurement, manufacturing and supply of Steam Coil Air Preheaters to ASME Sec VIII Div. 1 and BHEL specs for 1 x 500 MW Vindhyachal Thermal Power Project, Singrauli, Madhya Pradesh for NTPC	4 Nos	BHEL, Ranipet	16-Dec-13	14-Mar-14 Completed
1953	Design, procurement, manufacturing and supply of Steam Coil Air Preheaters to ASME Sec VIII Div. 1 and BHEL specs for 3 x 660 MW Super Thermal Power Project, Nabinagar, Bihar for NTPC	6 Nos	BHEL, Ranipet	06-Dec-13	4-Jul-14 Completed
1920	Design, procurement, manufacturing and supply of Steam Coil Air Preheaters to ASME Sec VIII Div. 1 and BHEL specs for 2 x 500 MW Thermal Power Project, Mauda for NTPC	4 Nos	BHEL, Ranipet	06-Dec-13	31-Mar-14 Completed
1809	Design, procurement, manufacturing and supply of Steam Coil Air Preheaters to ASME Sec VIII Div. 1 and BHEL specs for 2 x 600 MW STPP, Adilabad of Singareni Collieries Co. Ltd. (SCCL) / NTPC	8 Nos	BHEL, Ranipet	18-Sep-13	13-Mar-14 Completed
1464	Design, procurement, manufacturing, ASME 'U' Stamping, DDU-France and supply of 3 no. Process Gas Coolers and 3 No. Oil Coolers to ASME Sec VIII Div 1 / TEMA 'R' for Al Yer Hydrogen Plant, Yanbu, Saudi Arabia	6 Nos	Howden BC Compressors, France / Lurgi / Air Liquide / SABIC	9-Dec-11	04-Jul-12 Completed

1520	Design, manufacturing, ASME 'U' Stamping , DU-France and supply of 2 no. process coolers to ASME Sec VIII Div 1 / TEMA 'R' for 6000 Tons Polysilicon Plant, Zhang Bin Industrial Park of Powertec Energy Corp, Taiwan	2 Nos	Howden BC Compressors, France / CTCI Corporation, Taiwan	16-Nov-11	20-Apr-12 Completed
1009	Design, procurement, manufacturing and supply of Steam Coil Air Pre Heater with Carbon Steel Fin Tubes for 1x500 MW DVC Bokaro TPP	2 Nos	BHEL, Ranipet / Damodar Valley Corporation	17-Feb-10	25-Nov-10 Completed
1295	Procurement, manufacturing and supply of Header Boxes for Sales Oil Coolers to ASME Sec VIII Div 1 with partial U Stamp for Mukhaizna SAT-1 and CPF Upgrade Project	20 Nos	Jord International / Occidental Mukhaizna	30-Dec-10	26-Apr-11 Completed
1128	Procurement, manufacturing and supply of Air Cooled Vacuum Steam Condensers to ASME Sec VIII Div 1	20 Nos	Jord International / Shree Renuka Sugars Ltd	03-Apr-10	17-Apr-11 Completed
1045	Procurement, manufacturing and supply of 2 No Fluidised Bed Coolers each comprising 4.6M(Ø) x 5.6 M(H) CS Shell and 4 No SS304 tube bundles of 5.5MT each	2 No (88 MT)	FLSmith Pvt. Ltd. / Utkal Alumina	03-Jul-09	07-Mar-10 Completed

Portable Hazardous Chemical Tanks

Job No	Description of Job	Qty	Client / Owner	Period	
				From	To
2738	Design, procurement, lead lining, certification, manufacturing and supply of 8,000 Liters UN T22 Bromine tank mounted on an ISO 1496 Class III Frame in accordance with ASME Sec VIII Div. 1, ISO 1496, DOT 49 CFR, RID, ADR, IMO, IMDG, AAR.600, CSC and ASME U Stamp	5 No.	Israeli Chemicals Ltd (ICL)	31-Oct-23	28-Dec-24 Completed
4283	Design, procurement, lead lining, certification, manufacturing and supply of 8,000 Liters UN T22 Bromine tank mounted on an ISO 1496 Class III Frame in accordance with ASME Sec VIII Div. 1, ISO 1496, DOT 49 CFR, RID, ADR, IMO, IMDG, AAR.600, CSC and ASME U Stamp	1 No.	Jagannath Halogen Pvt Ltd	29-Aug-23	21-Feb-24 Completed
4064	Design, procurement, ASME 'U' Stamping, Certification , manufacturing and supply of C1980 Portable Tanks in accordance with ASME Sec VIII Div 1, IMDG/ADR/US DOT/RID/UNT 21/UN3394/TC/TIR	30 Nos	Gulbrandsen Industries	24-Jan-23	7-Nov-23 Completed

3833	Design, procurement, lead lining, certification, manufacturing and supply of 8,000 Liters UN T22 Bromine tank mounted on an ISO 1496 Class III Frame in accordance with ASME Sec VIII Div. 1, ISO 1496, DOT 49 CFR, RID, ADR, IMO, IMDG, AAR.600, CSC and ASME U Stamp	8 No.	Intech Organic Ltd	18-Jul-22	27-Dec-22 Completed
3922	Design, procurement, lead lining, certification, manufacturing and supply of 8,000 Liters UN T22 Bromine tank mounted on an ISO 1496 Class III Frame in accordance with ASME Sec VIII Div. 1, ISO 1496, DOT 49 CFR, RID, ADR, IMO, IMDG, AAR.600, CSC and ASME U Stamp	30 No.	Archean Chemical Industries Limited	7-Jul-22	3-Jun-23 Completed
3637	Design, procurement, lead lining, certification, manufacturing and supply of 8,000 Liters UN T22 Bromine tank mounted on an ISO 1496 Class III Frame in accordance with ASME Sec VIII Div. 1, ISO 1496, DOT 49 CFR, RID, ADR, IMO, IMDG, AAR.600, CSC and ASME U Stamp	15 No.	Raj Orgochem Pvt Ltd	23-Feb-22	5-Nov-22 Completed
2451	Design, procurement, lead lining, certification, manufacturing and supply of 8,000 Liters UN T22 Bromine tank mounted on an ISO 1496 Class III Frame in accordance with ASME Sec VIII Div. 1, ISO 1496, RID, ADR, IMO, IMDG, AAR.600, CSC	30 No.	Satyesh Brinechem Pvt Ltd	26-Oct-21	20-Jun-22 Completed
3165	Design, procurement, lead lining, certification, manufacturing and supply of 8,000 Liters UN T22 Bromine tank mounted on an ISO 1496 Class III Frame in accordance with ASME Sec VIII Div. 1, ISO 1496, DOT 49 CFR, RID, ADR, IMO, IMDG, AAR.600, CSC	12 No.	Lanxess Solutions UK Ltd	4-Jun-21	30-Jun-21 Completed
2521	Design, procurement, lead lining, certification, manufacturing and supply of 8,000 Liters UN T22 Bromine tank mounted on an ISO 1496 Class III Frame in accordance with ASME Sec VIII Div. 1, ISO 1496, DOT 49 CFR, RID, ADR, IMO, IMDG, AAR.600, CSC	50 No.	Archean Chemical Industries Private Limited	25-Jun-19	24-Dec-21 Completed
2721	Design, procurement, lead lining, certification, manufacturing and supply of 8,000 Liters UN T22 Bromine tank mounted on an ISO 1496 Class III Frame in accordance with ASME Sec VIII Div. 1, ISO 1496, DOT 49 CFR, RID, ADR, IMO, IMDG, AAR.600, CSC	5 No.	Lanxess Deutschland GmbH, Germany	14-May-18	02-Mar-19 Completed
1635/ 2151	Design, procurement, lead lining, certification, manufacturing and supply of 8,000 Liters UN T22 Bromine tank mounted on an ISO 1496 Class III Frame in accordance with ASME Sec VIII Div. 1, ISO 1496, DOT 49 CFR, RID Class 8, ADR Class 8, IMO Class 8, IMDG Code UN Chapter 12, Table 12.2, AAR.600, CSC and Albemarle specifications for Jordan Bromine Company Limited, Jordan	40 No.	Albemarle Corporation, USA / Jordan Bromine Company Limited, Jordan	13-Jan-15	19-Apr-16 Completed
1606	Design, procurement, ASME U Stamping, manufacturing and supply of UN T21 Portable Tanks in accordance with ASME Sec VIII Div. 1.	4 Nos	Albemarle Corporation, USA	12-Aug-13	16-Apr-14 Completed

1503	Design, procurement, ASME 'U' Stamping, Certification , manufacturing and supply of C1980 Portable Tanks in accordance with ASME Sec VIII Div 1, IMDG/ADR/US DOT/RID/UNT 21/UN3394/TC/TIR	10 Nos	Gulbrandsen Chemicals	12-Jan-12	31-Dec-12 Completed
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Storage Tanks

Job No	Description of Job	Qty	Client / Owner	Period	
				From	To
4570	Design, procurement, manufacturing, testing, painting, hot insulation and supply of 5 no. Hot Bitumen Tanks (91 CuM, 115 MT each) to API 650 & ASME Sec VIII Div 1 including heating coils, platforms and ladders for Colas Group, NSW, Australia	5 No. (105 MT)	Sami Bitumen Technologies	24-Jun-25	In Progress
4541	Design, Procurement, manufacturing and supply of 44 storage tanks (API 650 & 620) 30 in SS304, 4 in SA516 Gr 70, 10 in IS2062 for Chlor-Alkali Project by Mundra Petrochem, Green PVC Complex, Mundra, Gujarat, India	27 No (65 MT)	Mundra Petrochemicals Ltd	21-May-25	In Progress
4622	Design, procurement, manufacturing, water fill test, pickling, passivation and supply of 2 Storage Tanks (API 620) in SS310S, 310 CuM each for Chlor-Alkali Project by Mundra Petrochem, Green PVC Complex, Mundra, Gujarat, India	2 No (65 MT)	Mundra Petrochemicals Ltd	10-April-25	In Progress
4476	Design, procurement, manufacturing and supply of 79 Storage Tanks in SS304, SS316, UNS32101 and UNS32205 (554 MT in total), to API 620 / 650 for Eneabba Rare Earths Refinery in Iluka, Western Australia of Iluka Rare Earths Pty Ltd	79 No. (554 MT)	Access Petrotec Pty Ltd / Fluor Australia Pty Ltd	24-Dec-24	In Progress
4524	Design, procurement, manufacturing and supply of 3 Storage Tanks in CS (22.6 MT), all to API 620 and 8 tanks in FRP to EN 13121 for 3000 TPD Sugar Refinery of Carrinho Group, Benguela Province, Angola	8 No.	BMA, Germany	23-Dec-24	30-May-25 Completed
4389	Design, procurement, manufacturing and supply of 7 Storage Tanks in CS (44 MT), 7 in SS304 (74 MT), 1 in SS316 (7 MT) all to API 620 and 7 tanks in FRP (12.5 MT) to EN 13121 for 3000 TPD Sugar Refinery of Carrinho Group, Benguela Province, Angola	22 No. (137.5 MT)	BMA, Germany	13-May-24	30-May-25 Completed
3723	Design, procurement, manufacturing and supply of 25 Storage Tanks in SS304 for Oman Sugar Refinery Co.	25 No. (123 MT)	BMA, Germany	21-Apr-22	22-Nov-22 Completed

3270	Design, procurement, manufacturing and supply of 200 KL Spent Acid Storage Tank in SS316L accordance with API 650 for Jhagadia Plant	1 No.	Aarti Industries Ltd, India	27-Feb-20	24-Aug-20 Completed
3064, 3066	Design, procurement, manufacturing and supply of shop fabricated storage tanks (35 CS and 21 SS304L) in accordance with API 650 for Kemerton Lithium Hydroxide Project.	56 No. (240 MT)	Albemarle Lithium Pty Ltd., Australia	30-May-19	16-May-20 Completed
1791	Design, procurement, manufacturing and supply of 49.27 CuM, Storage Tank (Caustic Sparger Vessel) to API 650 for P1 Project at Dahej.	1 No.	SRF Ltd.	22-May-13	17-Oct-13 Completed
1086	Design, procurement, manufacturing and supply of 35KL x 1, 50KL x 3 and 100KL x 2 Storage Tanks to API 650	6 Nos 38 MT	PI Industries Ltd.	10-Sep-10	3-Aug-11 Completed
1064 / 1145	Procurement, manufacturing and supply of 1 No Acid Pump Tank of comprising 7.0M(Ø) x 2.0 M(H) with SS 304 Cladding including pump boot frame	1 No (19.60 MT)	Bodal Chemicals Ltd	20-Jul-09	08-Oct-09 Completed

Boiler Pressure Parts

Job No	Description of Job	Qty	Client / Owner	Period	
				From	To
4057	Design, procurement, ASME U stamping, manufacturing and supply of Deaerator in SS304 and Feed Tank in SA 516 Gr 70 to ASME Sec VIII Div 1	1 No	Enter Engineering Pte. Ltd.	11-Jul-23	On Hold
3276	Replacement of 3 Economiser Headers under R stamp. Procurement, certification, manufacturing, supply, site supervision and site certification in accordance with ASME Sec I for Combined Cycle Gas Turbine Plant at Sabiya Power Station of Kuwait Ministry of Electricity and Water for GE Power O&M.	3 Nos.	Star Tower And Parts Trading DMCC, Kuwait	19-Feb-20	24-Jun-20 Completed
2385	Design, procurement, manufacturing, (Partial ASME 'S' stamp) and supply of 4 Nos. Water Wall Panels, 1 No. Mud Drum, 1 No. Steam Boiler Drum in accordance with ASME Sec I Ed 2017	2 Nos.	Turboflow Sociedad Anonima, Uruguay	16-Oct-17	22-May-18 Completed
1787	Design, procurement, manufacturing and supply of Feed Tank with Deaerator to ASME Sec VIII Div 1 for 15 TPH Boiler for Saudi Salt Refinery Works, Jeddah, Saudi Arabia.	1 No.	Elmrad Corporation	24-May-13	13-Sep-13 Completed
1709	Design, procurement, manufacturing and supply of ASME Sec I and Partial 'S' stamp of Steam drum (OD 1750 x 7200 T/T x 25 mm thk) and water wall panels.	1 Lot	CIR Sociedad Anonima, Uruguay	12-Dec-12	09-May-13 Completed

1458	Procurement, manufacturing and supply of Electroless Nickel Plating of SA 335 P22 Boiler Piping (Risers and Downcomers) for Kogan Creek Project, Australia	15 Tons	Areva Solar, USA	23-Nov-11	25-Aug-12 Completed
1220	Design, procurement, manufacturing and supply of ASME Sec I and 'U' Stamping (Partial 'S' stamp) of Steam drum (OD 1300 x 8300 T/T x 45 mm thk) and water wall panels.	1 Lot	CIR Sociedad Anonima, Uruguay	29-Jul-10	20-Dec-10 Completed

Pressure Piping

Job No	Description of Job	Qty	Client / Owner	Period	
				From	To
4393	Detailed engineering, procurement, manufacturing and supply of FCC Flue Gas Line pipework in SA387 Gr5	1 No. (2.3 MT)	Jordan Petroleum Refinery Co.	12-Sep-24	19-Apr-25 Completed
3917	Procurement, manufacturing and supply of Lub Oil Piping, Vent/Drain/Buffer Piping and Interconnecting Cooling Water Piping in CS / SS316L for Acid Gas Compressors for Worley in Pernis Refinery, Netherlands.	6.0 MT (1700 DI)	Howden Thomassen Compressors / Shell Nederland Raffinaderij BV	28-Jul-22	27-May-23 Completed
2361	Manufacturing and supply of Pipe in pipe fabricated spools for Cooling Water System in accordance ITER technical specifications, PED 97/23/EC for ITER Project, France	26 MT	L & T Construction, ITER-India	07-Dec-16	20-Mar-18 Completed
2105	Manufacturing and supply of CS and SS Piping in accordance ITER technical specifications, PED 2014/68/EU for ITER CWS Project	45,000 DI	L & T Construction / ITER – India	05-Dec-15	25-Jul-17 Completed
2059	Procurement, manufacturing and supply of Process Gas Piping to ASME B31.3 for Mangalore PTA Project, India for Technip India Limited	1 Set	Siemens India	23-Sep-14	24-Apr-15 Completed
1944 / 1966 / 1982/ 1995	Procurement, manufacturing and supply of Process Gas Piping and Interconnecting Oil Piping, Cooling Water and Condensate Piping to ASME B31.3 and PED 97/23/EC with CE Marking under Module H for GC100 Compressors for 1500 TPD Oxygen Plant at Glogów, Poland for Air Liquide / KGHM Polska Miedz	2 Sets Each	Siemens India	24-Dec-13	4-Nov-14 Completed
1915 / 1942	Procurement, manufacturing and supply of Process Gas Piping and Lub Oil Piping for MEG, Reliance Jamnagar	5 Sets	Siemens India	06-Dec-13	09-Mar-15 Completed

1906 / 1957/ 1958/ 1974	Procurement, manufacturing and supply of Process Gas Piping, Lub Oil Piping for IGCC, Reliance Jamnagar	10 Sets (370 MT)	Siemens India	06-Dec-13	27-Jun-15 Completed
1913	Procurement, manufacturing and supply of metering system spools for common sensor (PED compliant)	8 Nos	ABB, UK & Germany	08-Oct-13	27-Aug-15 Completed
1686	Manufacturing, assembly and supply of Metering Skid including skid structure for Petronet LNG Ltd.	3 Nos 1096 DI	Daniel Measurement Solutions Pvt. Ltd.	26-Sep-12	18-Mar-13 Completed
1601	Procurement, manufacturing and supply of pipe spools for metering under AD Merkblatt HPO (first qualification order)	23 Items	ABB Automation Products GmbH	23-May-12	25-Jan-13 Completed
1421	Procurement, manufacturing and supply of Condensate Piping for Process Gas Compressors for Meramandali	1 Set	Siemens Ltd	14-Mar-11	30-May-11 Completed
1361	Procurement, manufacturing and supply of Lub Oil System Interconnecting Piping for Process Gas Compressors for Rengali 3	1 Set	Siemens / BOC India / Bhushan Power & Steel	5-Apr-11	25-Aug-11 Completed
1218	Procurement, manufacturing and supply of of Process Gas Piping-Kribhco	2 Sets	Siemens / Kribhco	10-Dec-10	5-Apr-11 Completed
1326	Procurement, manufacturing and supply of Condensate and Lub Oil System Interconnecting Piping for Process Gas Compressors	1 Set	Siemens / SAIL-Bhilai	14-Mar-11	30-May-11 Completed
1310	Procurement, manufacturing and supply of Lub Oil System Interconnecting Piping SS 316 L for Process Gas Compressors	2 Sets	Siemens / Kribhco	24-Jan-11	31-Mar-11 Completed
1287	Procurement, manufacturing and supply of Process Gas Piping-Rengali 1& 2	2 Sets	Siemens / BOC India / Bhushan Power & Steel	13-Jan-11	8-Jun-11 Completed
1299	Procurement, manufacturing and supply of Process Gas Piping-Meramandali	1 Set	Siemens / Bhushan Power & Steel	13-Jan-11	26-Jul-11 Completed
1293	Procurement, manufacturing and supply of Process Gas Piping for Rengali 3	1 Set	Siemens / BOC India / Bhushan Power & Steel	13-Jan-11	25-Aug-11 Completed
1230	Fabrication, PTFE lining, manufacturing and supply of pipe spools for Hypochlorite Dosing Line for New Instrument Workshop in PS 2G at Maydan Mahzam Field	1 Lot	Qatar Kentz WLL / Qatar Petroleum	06-Jul-10	19-Oct-10 Completed
1225	Manufacturing and supply of 12" Gas Metering Skid for Indus Project / ONGC at GSPL Dahej Terminal	1 No.	Daniel Measurement Solutions Pvt Ltd / GAIL – GSPL Terminal, Dahej (Indus Project Ltd.).	9-Jul-10	19-Oct-10 Completed

1181	Manufacturing, assembly and supply of Metering and Pressure Reducing Skids	1 Set	Daniel Measurement Solutions Pvt Ltd / ONGC-Sanand & South Kadi	14-Apr-10	05-Oct-10 Completed
1166	Manufacturing, assembly and supply of Gas, Crude Oil and Condensate metering skids	3 Sets	Daniel Measurement Solutions Pvt Ltd / ONGC-MHN Process Platform	02-Mar-10	21-May-11 Completed
1117 / 1157	Manufacturing, assembly and supply of Metering and Pressure Reducing Skids including structural skids	1 Set	Daniel Measurement Solutions Pvt Ltd / Gujarat State Electricity Corp Ltd	24-Nov-09	25-Mar-10 Completed
1073	Manufacturing and supply of 1 No SS316 Cooling Coil for Scrubber Feed Tank	1 No.	Balmer Lawrie	03-Sep-09	03-Nov-09 Completed

Structures

Job No	Description of Job	Qty	Client / Owner	Period	
				From	To
3561	Manufacturing and supply of Compressor Skid Frame for Propane Compressors for South Refinery Co., Basra, Iraq	1 No.	Howden Thomassen Compressors, Netherlands / Nur Engineering	9-May-22	6-Feb-23 Completed
1384	Procurement, manufacturing and supply of Anchoring Base Frame GK2 for Nangal 1	1 Set	Siemens India	19-Jul-11	1-Dec-11 Completed
1252	Procurement, manufacturing and supply of Gas Compressor Shed in SS316	1 No.	Daniel Measurement Solutions Pvt Ltd / ONGC-MHN Process Platform	18-Jan-11	12-May-11 Completed
1321	Procurement, manufacturing and supply of Anchoring Base Frame GK2 for Panipat	1 Set	Siemens India	13-Jan-11	10-May-11 Completed

1320	Procurement, manufacturing and supply of Anchoring Base Frame GK2 for Bhatinda	1 Set	Siemens India	13-Jan-11	10-May-11 Completed
1319	Procurement, manufacturing and supply of Anchoring Base Frame GK1 Rengali 3	1 Set	Siemens / BOC India / Bhushan Power & Steel	13-Jan-11	9-Apr-11 Completed
1236	Procurement, manufacturing and supply of Base Frames for LP Screw Compressors	15 MT	Kirloskar Pneumatic Co. Ltd/ MHN Process Platform – ONGC	31-Jul-10	21-Dec-10 Completed
1064 / 1145	Procurement, manufacturing and supply of 1 No Acid Pump Tank of comprising 7.0M(Ø) x 2.0 M(H) with SS 304 Cladding including pump boot frame	1 No (19.60 MT)	Bodal Chemicals Ltd	20-Jul-09	08-Oct-09 Completed
1108	Procurement, manufacturing, Trial Assembly and supply of Trestle for Conveyer for Revamp of Soda Ash Plant	1 Set	FLSmith Pvt. Ltd. / Saurashtra Chemicals Ltd.	27-Oct-09	21-Nov-09 Completed
1005	Procurement, manufacturing and supply of Boiler Columns for 2 x 600MW Shree Singaji TPP, Malwa	349 MT	BHEL, Tiruchirappalli	01-Aug-09	28-Oct-10 Completed

Skid Mounted Assemblies

Job No	Description of Job	Qty	Client / Owner	Period	
				From	To
4604	Design, detailed engineering, procurement, manufacturing, assembly, testing and supply of piping and vessel skid for bitumen plant at Camelia, NSW, Australia	1 No.	Sami Bitumen Technologies	6-Sep-25	In Progress
3482	Procurement, manufacturing, assembly and supply of 9 No. Surge Relief Skids for CFP - MAB2 Project of KNPC, Kuwait for Fluor-Daewoo-Hyundai JV	9 No.	Daniel Measurement Solutions	10-Feb-21	20-Sep-21 Completed
2999	Procurement, manufacturing, assembly and supply of 3 sets (Hydrogen, Nitrogen and Syngas metering skids) of metering skid assemblies for Syngas Project of BPCL, Kochi Refinery	2 Nos.	Daniel Measurement Solutions Pvt. Ltd. /Air Products/BPCL	14-Dec-18	21-Jun-19 Completed
2818/ 2864	Design, Procurement, manufacturing, assembly and supply of 2 sets of Hydroprime HC-300 Skid including all E&I for 330 Nm ³ /hr Hydrogen plants for Samsung Electronics Giheung, South Korea	2 Nos. (40 MT)	Linde Engineering India Pvt. Ltd.	14-May-18	09-Mar-19 Completed
2584/ 2820	Design, Procurement, manufacturing, assembly and supply of 2 sets of Hydroprime HC-300 Skid including all E&I for Jindal Steel Works 330 Nm ³ /hr Hydrogen plants at Tarapur and Vasind, Maharashtra, India.	2 Nos. (40 MT)	Linde Engineering India Pvt. Ltd.	14-Mar-18	23-Aug-19 25-Sep-19 Completed

2464	Procurement, manufacturing, assembly and supply of Piping and Valves Skid including all E&I for Aconcagua Refinery of ENAP, Chile, South America	1 No. (28 Tons)	Linde AG, Germany	09-Dec-16	30-Sep-17 Completed
2292	Procurement, manufacturing, assembly and supply of Piping and Valves Skid and ASME Sec VIII Div 1 Code Stamped Filter Vessel assembly including all E&I for 1900 MTPD Banggai Ammonia Plant Project of PT Panca Amara Utama, Central Sulawesi, Indonesia	1 No (8 MT)	DrM Filter Technology Pvt Ltd.	30-Sep-16	20-Apr-17 Completed
2342	Manufacturing, assembly and supply of Piping Spools as on structural skid frames including structure skid for HSD and Naphtha skids for Kochi Project of Bharat Petroleum Corporation Ltd., India	2 Nos 3232DI	Daniel Measurement Solutions Pvt. Ltd. / BPCL	25-May-16	2-Feb-17 Completed
2043	Procurement, manufacturing, assembly and supply of Piping Spools as on structural skid frames for Kochi Project of Bharat Petroleum Corporation Ltd., India	11 Nos 2750DI	Daniel Measurement Solutions Pvt. Ltd. / Technip/Air Products/BPCL	18-Nov-14	30-Oct-15 Completed
1968	Procurement, manufacturing, assembly and supply of Piping and Valves Skid for Calumet Montana Refining LLC, Great Falls, Montana, USA	1 No. (45 Tons)	Linde AG, Germany	26-Feb-14	26-Feb-15 Completed
1686	Fabrication, testing, painting and assembly of Metering Skid including skid structure for Petronet LNG Ltd.	3 Nos 1096 DI	Daniel Measurement Solutions Pvt. Ltd.	26-Sep-12	18-Mar-13 Completed
1653	Manufacturing, assembly and supply of Filtration, Pressure Letdown & Metering Skids including skid structures for Gujarat State Petronet	3 Nos 1760 DI	Daniel Measurement Solutions Pvt. Ltd.	13-Jul-12	22-Nov-12 Completed
1643	Manufacturing, assembly and supply of Filtration, Pressure Letdown & Metering Skids including skid structures for Gujarat State Petronet	3 Nos 1930 DI	Daniel Measurement Solutions Pvt. Ltd.	19-Jun-12	07-Sep-12 Completed
1649	Procurement, manufacturing, hot dipped galvanizing and supply of 18,480 bearing spacers for Reliance Solar Project, Askandra	300 MT	Areva Solar India	19-Jun-12	3-Oct-13 Completed
1594	Procurement, manufacturing, assembly and supply of Piping and Valves Skid for BCPL 4B PSA Hydrogen Package	1 No.	UOP India Pvt. Ltd. / Brahmaputra Cracker & Polymer Ltd.	28-Mar-12	29-Oct-12 Completed
1596	Manufacturing, assembly and supply of Filtration, Pressure Letdown & Metering Skids including skid structures	3 Nos (1930 Dia")	Daniel Measurement Solutions Pvt. Ltd. / Gujarat State Petronet	12-Mar-12	22-Jun-12 Completed
1337	Manufacturing, assembly and supply of Meter Runs for State Company for Oil Projects, Iraq	1 No.	Daniel Measurement Solutions Pvt. Ltd. / BGR Energy Systems / SCOP	24-Feb-11	4-Aug-11 Completed

1348	Manufacturing, assembly and supply of Meter Runs for ONGC MHN Redevelopment Plan Phase II – Sub Sea Pipeline and Platform Mods	8 Nos	Daniel Measurement Solutions Pvt. Ltd. / Swiber Offshore / ONGC	11-Feb-11	11-May-11 Completed
1347 / 1387	Manufacturing, assembly and supply of Meter Runs for ONGC SHG Platform	1 No.	Daniel Measurement Solutions Pvt. Ltd. / HAL Offshore / ONGC	10-Feb-11	9-Jun-11 Completed
1307 / 1325	Manufacturing, assembly and supply of Filtration, Pressure Letdown & Metering Skids including skid structures	7 Nos	Daniel Measurement Solutions Pvt. Ltd. / Gujarat State Petronet	28-Dec-10	6-Jun-11 Completed
1231	Manufacturing, assembly and supply of 4"/ 2" Filtration and Pressure Reducing Skids at Asian Ispat LLC, UAE	505 Dia Inch	Daniel Measurement Solutions Pvt Ltd / Rak Gas Commission	18-Aug-10	09-Oct-10 Completed
1248	Manufacturing, assembly and supply of 10" & 8" Metering, Filtration and Pressure Reducing Skids including structural skids	3200 Dia Inch	Daniel Measurement Solutions Pvt Ltd / GAIL	18-Aug-10	29-Jan-11 Completed
1225	Manufacturing and supply of 12" Gas Metering Skid for Indus Project / ONGC at GSPL Dahej Terminal	1 No.	Daniel Measurement Solutions Pvt Ltd / GAIL – GSPL Terminal, Dahej (Indus Project Ltd.).	9-Jul-10	19-Oct-10 Completed
1175	Manufacturing, assembly and supply of Metering and Pressure Reducing Skids	1 Set	Daniel Measurement Solutions Pvt Ltd / ONGC-Ranjitnagar	17-Mar-10	02-Jul-10 Completed
1181	Manufacturing, assembly and supply of Metering and Pressure Reducing Skids	1 Set	Daniel Measurement Solutions Pvt Ltd / ONGC-Sanand & South Kadi	14-Apr-10	05-Oct-10 Completed
1166	Manufacturing, assembly and supply of Gas, Crude Oil and Condensate metering skids	3 Sets	Daniel Measurement Solutions Pvt Ltd / ONGC-MHN Process Platform	02-Mar-10	21-May-11 Completed
1117 / 1157	Manufacturing, assembly and supply of Metering and Pressure Reducing Skids including structural skids	1 Set	Daniel Measurement Solutions Pvt Ltd / Gujarat State Electricity Corp Ltd	24-Nov-09	25-Mar-10 Completed

Miscellaneous Static Process Plant Equipment

Job No	Description of Job	Qty	Client / Owner	Period	
				From	To
4632	Procurement, manufacturing and supply of 2 No. Yoke Clamps for 110 MVA, 765 kV Transformer for Powergrid	2 No. (GE Vernova T&D India	9-Sep-25	In Progress
4724	Procurement, manufacturing and supply of 4 No. Transformer Tanks for 110 MVA, 765 KV Reactor for Powergrid	4 No. (78 MT)	GE Vernova T&D India	4-Sep-25	In Progress
4714	Procurement, manufacturing and supply of 4 No. Transformer Tanks for 110 MVA, 765 KV Reactor for Sterlite Power	4 No. (78 MT)	GE Vernova T&D India	4-Sep-25	In Progress
4723	Procurement, manufacturing and supply of 1 No. Transformer Tank for 500 MVA, 765 KV, 1 PH Tapless ICT for Powergrid	1 No. (40 MT)	GE Vernova T&D India	2-Sep-25	In Progress
4619	Repair, refurbishment, testing, painting and supply of transformer tank (made by others) for ICT for Sikar	1 No.	GE Vernova T&D India	19-Aug-25	In Progress
4668	Procurement, manufacturing and supply of 1 No. Transformer Tank for 500 MVA, 400/220/33 KV, 3 Phase ICT for JSPL	1 No. (41 MT)	GE Vernova T&D India	12-Jul-25	In Progress
4659	Procurement, manufacturing and supply of 4 No. Yoke Clamps for 110 MVA, 765 kV Transformer for Powergrid	4 No. (30.8 MT)	GE Vernova T&D India	11-Jul-25	In Progress
4639	Procurement, manufacturing and supply of 2 No. Transformer Tanks for 500 MVA, 765 KV, 1 PH Tapless ICT for Powergrid	2 No. (80.3 MT)	GE Vernova T&D India	17-Jul-25	In Progress
4638	Procurement, manufacturing and supply of 5 No. Transformer Tanks for 110 MVA, 765 KV Reactor (1 for Sterlite, 1 for Powergrid and 3 for Reliance)	5 No. (98 MT)	GE Vernova T&D India	17-Jul-25	In Progress
4535	Procurement, manufacturing and supply of 6 No. Transformer Tanks for 110 MVA, 765 KV Reactor for Sterlite Power	6 No. (117 MT)	GE Vernova T&D India	17-Mar-25	16-Sep-25 Completed
4563	Procurement, manufacturing and supply of 2 No. Transformer Tanks for 500 MVA, 765 KV, 1 PH Tapless ICT for Sterlite Power, Boisar	2 No. (80.3 MT)	GE Vernova T&D India	9-Mar-25	Completed
4484	Procurement, manufacturing and supply of 1 No. Transformer Tank for 500 MVA, 765 KV, 1 PH Tapless ICT for Indigrid, Ishanagar	1 No. (40.15 MT)	GE Vernova T&D India	14-Oct-24	10-Apr-25 Completed

4466	Procurement, manufacturing and supply of 2 No. Yoke Clamps for 110 MVAR, 765 kV Transformer	2 No. (15.4 MT)	GE Vernova T&D India	5-Aug-24	31-Mar-25 Completed
4264	Procurement, manufacturing and supply of 2 No. Transformer Tanks for 110 MVAR, 765 KV Reactor for Sterlite Power	2 No. (39 MT)	GE Vernova T&D India	13-May-24	12-Jan-25 Completed
4301	Procurement, manufacturing and supply of 10 No. Strike Receivers for 3000 TPD Sugar Refinery of Carrinho Group, Benguela Province, Angola	10 No.	BMA, Germany	28-Sep-23	25-Jan-25 Completed
4268	Procurement, manufacturing and supply of CA Duct support, Stack etc. for 3 x 190 TPH LNG Vapourisers for PLL Dahej LNG Terminal Project	3 Sets (124MT)	Linde India	26-Oct-23	22-Oct-24 Completed
3960	Procurement ,manufacturing and supply of items like Sparger, Burner Assembly, Caustic Tank, Deck plate assembly, Volutes etc. in CS/SS304/SS316/SS321 for 3 x 190 TPH LNG Vapourisers for PLL Dahej LNG Terminal Project	3 Sets (52 MT)	Linde India	21-Oct-23	22-Oct-24 Completed
3600	Procurement, manufacturing, trial assembly and supply of 6 Sets of Miscellaneous Process Equipment like Volutes, Ducts, Stack, Weir, Burner Deck, Caustic Tank, Distributer Sparge in SS 304/316/321 & CS for 3.5 MTPA LNG Regasification Facilities Project of Tangshan LNG Phase 3 in Caofeidian Port, Tangshan, Hebei Province, China	6 Sets (315 MT)	Linde India	29-Oct-21	12-Oct-22 Completed
3356	Procurement, manufacturing, trial assembly and supply of Miscellaneous Process Equipment like Volutes, Ducts, Stack, Weir, Burner Deck, Caustic Tank, Distributer Sparge in SS 304/316/321 & CS for 174 T/Hr LNG Regasification Facilities Project of Toyo Engineering at Chaara, Gujarat, India	1 Set (28 MT)	Linde India	14-Aug-20	17-Jun-21 Completed
2853	Procurement, manufacturing, assembly and supply of E-Disc filter Assembly for FLSmidth Pvt. Ltd., India	1 No.	FLSmidth Pvt. Ltd.	22-Jun-18	18-Jun-19 Completed
2533	Procurement, manufacturing and supply of 2 Nos. of Spiral casing assemblies for 15 MW Nam Pia Hydro Power Project, Vietnam.	2 Nos.	Voith Hydro Pvt. Ltd.	16-Mar-17	16-Nov-17 Completed
2526	Procurement, manufacturing and supply of Rotor Assembly for Regenerative Air Preheater for Super Thermal Power Project (2 x 660 MW), NTPC Ltd. Khargone, Madhya Pradesh, India	4 Sets	L&T Howden Pvt. Ltd.	23-Jan-17	22-Feb-18 Completed
2280	Procurement, manufacturing and supply of Rotor Assembly for Regenerative Air Preheater for 2 x 660 MW Shree Singaji Thermal Power Project, Madhya Pradesh Power Generating Co. Ltd., Jabalpur, Madhya Pradesh, India	2 Sets	L&T Howden Pvt. Ltd.	04-May-16	17-Feb-17 Completed
2207	Procurement, manufacturing and supply of Waste Heat Recovery Unit Casing for Hyundai Engg. & Construction for Abu Dhabi Marine Operations Company (ADMA OPCO) for Field Development Project of Satah Al Razboot (SARB), Abu Dhabi	1 Set	Thermax Limited	14-Jul-15	20-Feb-16 Completed

2232	Procurement, manufacturing and supply of Rotor Assembly for Regenerative Air Preheater for 2 X 660 MW Chhabra Supercritical TPS STAGE - II, UNIT 6, Rajasthan Rajya Vidhyut Utpadan Nigam Ltd., Bijapur, Rajasthan	1 Set	L&T Howden Pvt. Ltd.	04-Jul-15	10-Feb-16 Completed
1759	Procurement, manufacturing, trial assembly and supply of rotor assembly for Regenerative Air Preheater for 2 x 660 MW NTPC Meja Project	4 Sets	Burmeister & Wain Energy	04-Mar-15	5-Jan-18 Completed
2045	Procurement, manufacturing and supply of Rotor Assembly for Regenerative Air Preheater for 2 X 660 MW Chhabra Supercritical TPS STAGE - II, UNIT 5, Rajasthan Rajya Vidhyut Utpadan Nigam Ltd., Bijapur, Rajasthan	1 Set	L&T Howden Pvt. Ltd.	13-Oct-14	21-Apr-15 Completed
1843	Procurement, manufacturing and supply of PED compliant Volute Casings for GC-100 Compressor for 1500 TPD Oxygen Plant at Glogów, Poland for Air Liquide / KGHM Polska Miedz	6 Nos (2 Sets)	Siemens Ltd	23-Aug-13	23-Jan-14 Completed
1830	Procurement, manufacturing and supply of Test Duct Arrangement.	18.6 Tons	Howden Australia Pty. Ltd	14-Aug-13	20-Jan-14 Completed
1651	Procurement, manufacturing, assembly and supply of Rotor Assemblies for Rotary Air Preheaters for 3 x 660 MW (Unit: 8, 9 & 10) Mahagenco, Koradi TPS Expansion Project.	2 Sets	L&T Howden Pvt. Ltd.	07-Aug-12	13-Mar-13 Completed
1616	Procurement, manufacturing, assembly and supply of Rotor Assemblies for Rotary Air Preheaters for 2 x 700 MW Rajpura Project of Nabha Power Ltd.	2 Sets	L&T Howden Pvt. Ltd. / L&T-MHI Boilers Pvt. Ltd.	17-Apr-12	07-Jan-13 Completed
1570	Procurement, manufacturing, trial assembly and supply of static parts of variable pitch Axial FD Fans for 2 x 600 MW Jaypee Nigrie Power Project	2 Sets	Howden Air & Gas India Pvt. Ltd.	14-Feb-12	14-Dec-12 Completed
1334	Procurement, manufacturing, trial assembly and supply of Blasting Room steel work and equipment for GMM Pfaunder Plant	2 Sets	AMT Envira Clean / Hodge Clemco, UK	14-Apr-11	6-Dec-11 Completed
1235	Procurement, manufacturing, assembly and supply of Rotor Assemblies for Rotary Air Preheaters for 2 x 600 MW Jaypee Nigrie Project	4 Sets	Howden Air & Gas India Pvt. Ltd.	14-Feb-11	6-Sep-11 Completed
1308	Procurement, manufacture and supply of Furnace, After Burner and Cyclone Assembly for Fixed Bed Sugar Decolourising Plant Carbon Regeneration System for Golden Sugar Refinery, Nigeria	1 Set	Jord International / Chemviron Carbon-Belgium	13-Jan-11	16-Jul-11 Completed
1258	Procurement, manufacturing and supply of Cyclone 2 M Dia x 8.5M (L) & After burner Assembly (2.4 M Dia x 17.3 M (L) for Fixed Bed Sugar Decolourising Plant Carbon Regeneration System	1 No. each	Jord International / Shree Renuka Sugars Ltd	10-Sep-10	30-Mar-11 Completed

1239	Procurement, manufacturing, assembly and supply of Multi Hearth Furnace Shell 4.4 M Dia x 13.3 M (L) for Fixed Bed Sugar Decolourising Plant Carbon Regeneration System	1 No. 18.3 MT	Jord International / Shree Renuka Sugars Ltd	10-Sep-10	31-Mar-11 Completed
1121	Procurement, manufacturing and supply of GC-20 Volute Casings of Compressors	1 No	Siemens Ltd	12-Mar-10	05-Apr-10 Completed
1134	Procurement, manufacturing and supply of GC-50 Volute Casings of Compressors	6 Nos	Siemens Ltd / BOC India Ltd	21-Jan-10	30-Jun-10 Completed
1094	Procurement, manufacturing and supply of 2 No. Double walled Combustor Assembly 3820 mm dia x 8330 mm (L) with Foundation Frame.	2 No.	FLSmith Pvt. Ltd. / CSCL Jamshedpur	08-Oct-09	01-May-10 Completed

Site Construction Projects

Job No	Description of Job	Qty	Client / Owner	Period	
				From	To
4447	Design, detailed engineering, procurement, construction on site, testing, rubber lining, painting and calibration of 36 Carbon Steel Storage Tanks to API 650 for Chlor Alkali Plant of 1 MMTPA Green PVC Project for Mundra Petrochem, Mundra, Gujarat, India	36 No. (947 MT)	Mundra Petrochem Ltd	1-Jan-25	In Progress
4487	Design, procurement, manufacturing, testing, erection of 7 Storage Tanks (API 650) (4 in SS304, 2 in IS2062) for Chlor-Alkali Plant of 1 MMTPA Green PVC Project for Mundra Petrochem, Mundra, District Kutch, Gujarat, India	6 No (136 MT)	Mundra Petrochem Ltd	10-April-25	In Progress
4621	Design, procurement, fabrication, testing, erection and mechanical completion of CS Metallic Storage Tank (API650) in SA516Gr70 for Acetylene Plant of 1 MMTPA Green PVC Project, Mundra, District Kutch, Gujarat, India	1 (23MT)	Mundra Petrochem Ltd	10-April-25	In Progress

CLIENT REFERENCES

We have executed / are executing projects for the following clients / principals / project owners so far:
(in alphabetical order)

Client	Main Contractor / Principal / Consultant (if different from Client)	Project Owner (if different)
Aarti Industries Ltd, India		Jhagadia Plant
ABB Automation Products GmbH, Germany		
ABB Ltd., UK		
Access Petrotec Pty Ltd		Honeywell, Geismar, LA
		BHP Billiton, Australia
	Fluor-Daewoo-Hyundai JV	KNPC, Kuwait
		Alcoa, Pinjarra Refinery, Oakley, WA
	Fluor Australia Pty Ltd	Iluka Rare Earths Pty Ltd
ABB Inc Instrumentation USA		
Air Liquide, India		100 TPD Biodiesel Crude Glycerin Distillation Plant, Adani Group
		200 TPD Biodiesel Delfin Glycerin Distillation plant in Pobedy St., Sofrino skyregion, Moscow, Russia
		Severstal Steel Mill, Russia
		Oleochemicals Project, Adani Wilmar, Indonesia
Air Liquide Severstal GSC		
Air Products, UK		AGC Glass Europe (Prism ON 300 plant)Teplitz, Czech Republic
		NAM, Netherlands
		FQM, Kansanshi, Zambia
Air Products, Netherlands		N.V. Nederlandse Gasunie
		Gunvor Petroleum Rotterdam B.V.
		HyCo5, Botlek, Rotterdam Terminal
Air Products & Chemicals Inc, USA		Nigeria LNG
ALD Dynatech Furnaces	ALD Vacuum Technologies, Germany	
		General Electric Corp, Singapore
Albemarle Corporation, USA		Pasadena Plant, Texas
		TBBPA Plant, Jordan Bromine Co.,
Albemarle Lithium Pty Ltd, Australia	Wood (Amec Foster Wheeler Australia Pty Ltd)	Kemerton Lithium Hydroxide Project, WA, Australia
AMT Enviraclean Pvt. Ltd.	Hodge Clemco, UK	GMM Pfadler
Areva Solar Inc, USA		Cogan Kreek Project, Australia
Areva Solar India Pvt. Ltd., India		Reliance Solar Project, Askandra
Archean Chemical Industries Pvt. Ltd, India		Bromine Plant, Greater Rann of Kutch, Gujarat.
Balmer Lawrie Ltd., India		
Bharat Heavy Electricals Ltd., India		2 x 600MW Shree Singaji TPP, Malwa
		2 x 500 MW Korba West
		1 x 500 MW DVC Bokaro TPP
		2 x 600 MW STPP, Adilabad of Singareni Collieries Co. Ltd. / NTPC
		IOCL, Mathura Refinery

Client	Main Contractor / Principal / Consultant (if different from Client)	Project Owner (if different)
		2 x 500 MW TPP, Mauda, NTPC
		3 x 660 MW Super Thermal Power Project, Nabinagar, Bihar NTPC
		Darlipalli STPP 2x800 MW, Odisha, NTPC
		Tuticorin TPS Stage-IV 1 x 525MW, MEIL, Tamilnadu
		Rourkela PP-II Expansion 1x250 MW, NTPC SAIL Power Company
		Vindhyachal Stage-1 project, NTPC
		2 x 660 MW Maitree Super Thermal Power Project, BIFPCL- Bangladesh
Bliss Anand Pvt Ltd, India	L&T Energy	Indian Oil Corp, Panipat Refinery
BMA, Germany		Alreef Sugar Refinery-Jizan, Saudi Arabia
		Biomass Industries Associates (BIA), Tunisia
		Oman Sugar Refinery
		3000 TPD Sugar Refinery of Carrinho Group, Benguela Province, Angola
Burckhardt Compression Pvt Ltd, India		Liquid Gas Equipment Limited, Edinburgh
Bodal Chemicals Ltd		
BWE Energy India Pvt. Ltd.		2 x 660 MW NTPC Meja
Carborundum Universal India Ltd.		
CIR S.A., Uruguay		15 MW FANAPEL Power plant, Juan Lacaze, Colonia-Uruguay
		Montes del Plata paper Mill project of Celulosa Y Energia Punta Pereira SA, Uruguay
Daniel Measurement Solutions	Tata Projects	Rak Gas Commission, UAE
	BGR Energy Systems	SCOPE, Iraq
	Larsen & Toubro	Oil and Natural Gas Corporation
	HAL Offshore	
	Swiber Offshore	
		Gas Authority of India Ltd
		Gujarat State Petronet Ltd
	Technip/Air Products	BPCL, Kochi
	Air Products	BPCL, Kochi
	Fluor-Daewoo-Hyundai JV	CFP-MAB2 Project, KNPC
Dead Sea Bromine Group (ICL Ltd)		Bromine Plant, Sdom, Israel
Dresser-Rand India Ltd		Midland Refinery Corp, Daura, Iraq
Dr. M Filter Technology Pvt. Ltd.	Banggai Ammonia Plant, Central Sulawesi, Indonesia	PT Panca Amara Utama, Indonesia
Engineers India Limited		ONGC, Hazira
Enter Engineering, Uzbekistan		Jizzakh Petroleum, Methanol to Olefins Project, Gas Chemical Complex, Karakul, Uzbekistan
Filter Concept	Siemens, Singapore / Mitsui Engg & Ship Building	Tullow Ghana Ltd
Fives India Pvt Ltd	Fives Cryo, France / L&T Energy	HPCL Rajasthan Refinery Ltd (HRRL), Barmer, India

Client	Main Contractor / Principal / Consultant (if different from Client)	Project Owner (if different)
FLSmidth Pvt. Ltd.		Utkal Alumina Ltd.
		CSCL, Jamshedpur
		Saurashtra Chemicals
		Hindustan Zinc Ltd., Rajasthan, India
		Vedanta Ltd
GE Vernova		Sterlite Industries
		Indigrid, Ishanagar
Gujarat Narmada Valley Fertilizers Co. Ltd. (GNFC)		
Gujarat State Fertilizers & Chemicals Ltd. (GSFC)		45 TPD Nylon-6 Project
Gulbrandsen Chemicals		
Howden Air & Gas India	L&T MHI Boilers Pvt. Ltd.	Jaypee Nigrie Power
Howden BC Compressors, France	Engineers India Ltd	Brahmaputra Cracker & Polymer Ltd.
	Samsung Engg –Tecnimont SpA JV	Abu Dhabi Polymers Co. Ltd. (Borouge)
	Fu Tai Engg. Works, Taiwan	Formosa Petrochemical Corp., Taiwan
	Powertec Energy Corp, Taiwan	CTCI Corporation, Taiwan
	Bechtel Ltd.	Arabian Industrial Fibers Co. Ltd., Saudi Arabia
	Lurgi / Air Liquide	SABIC, Saudi Arabia
		Glencore Project, Russia
		Kirishi Refinery of Kirishinefteorgsintez LLC, Russia
		Salavatnefteorgsintez Petrochemical Plant, Salavat, Russia
Howden Thomassen Compressors BV, Netherlands		Rosneft, Russia
		Reliance Ind Ltd, Jamnagar
	CB&I /Maveg GmbH	Afipsky Oil Refinery, Krasnodar, Russia
		Paz Ashdod Refinery, Israel
		Enagas Refinery, Barcelona, Spain
		Novatek, Ust Luga, Russia
		North Refineries Co., Baiji, Iraq
	Air Liquide Far Eastern	Taiwan Semiconductor Manufacturing Co., Taiwan
	Samsung Engineering Korea	Dos Bocas New Refinery Project, PTI-Infraestructura de Desarrollo, Mexico (Pemex)
		Ilsky Refinery, Russia
	UOP Ltd, UK	Slavyansk Eco LLC, Russia
		Everfuel, Denmark
	Nur Engineering	Southern Refinery, Basra, Iraq
	Worley	Pernis Refinery, Shell Nederland Raffinaderij BV
	Kent Australia	Ampol Lytton Refinery, QLD, Australia
	John Cockerill	Hyoffwind 25MW Green Hydrogen Plant, Belgium

Client	Main Contractor / Principal / Consultant (if different from Client)	Project Owner (if different)
	JGC Corporation	Olefin Plant, Petro Rabigh, Saudi Arabia
Howden Australia Pty Ltd		
Hindustan Petroleum Corporation Ltd.		HPCL- Visakh Refinery
Indian Oil Corp Ltd.		Gujarat Refinery
		Guwahati Refinery
Intech Organic Ltd.		
Jagannath Halogen		Bromine Plant, Gujarat, India
Jord International		Shree Renuka Sugars
	Chemviron Carbon, Belgium	Golden Sugar Refinery, Nigeria
		Occidental Mukhaizna, Oman
Jordan Bromine Company Limited		
Jordan Petroleum Refinery Co		
Kirloskar Pneumatics	Larsen & Toubro	Oil and Natural Gas Corporation
Krishak Bharati Cooperative Ltd.		
Lanxess Deutschland GmbH, Germany		Lanxess Chemical Solutions, UK
Linde AG, Germany	Hydro-Chem, USA	Calumet Refining LLC, Great Falls, Montana, USA
		Aconcagua Refinery, ENAP, Chile, South America
		H2 PSA plant in Redwater, Canada
		CAP2U JV, Hiedelberg Cement Plant
		Perdaman Chemicals and Fertilisers Pty Ltd Urea Plant, Burrup, WA
Linde Engineering India Pvt. Ltd.		Jindal Steel Works, Maharashtra
		Samsung Electronics, Giheung, South Korea
		Hengyuan Refining Company Berhad, Port Dickson, Malaysia
	Toyo Engineering	HPCL Shapoorji Energy, LNG Regas Facilities Project, Chaara, Gujarat
		Tangshan LNG Phase 3, China
		Petronet LNG Terminal, Dahej
		Reliance Industries Jamnagar Refinery
L&T Heavy Engineering		Mahagenco Koradi 3 x 600 MW TPP (8, 9, 10)
L&T Howden Pvt. Ltd.	L&T-MHI Boilers Pvt. Ltd. / L&T Power Ltd.	Nabha Power Ltd. – Rajpura Project 2 x 700 MW
		Mahagenco Koradi 3 x 600 MW TPP (8, 9, 10)
		2 X 660 MW Chhabra Supercritical TPS, Stage - II, Unit 5 & 6
		2 X 660 MW Shree Singaji Thermal Power Project, MPPGCL
		2x 660 MW Super Thermal Power Project, NTPC- Khargone
L&T Hydro Carbon Engineering		Dual Feed Cracker Unit, HRRL Barmer Refinery
L&T ECC	ITER-India CWS Project	ITER-IO, France

Client	Main Contractor / Principal / Consultant (if different from Client)	Project Owner (if different)
Luwa India Pvt Ltd	Technip France	Nayara Energy
	Engineers India Ltd	GAIL, Usar
Mundra Petrochem Ltd		Green PVC Project, Mundra, India
Nuclear Fuel Complex		Department of Atomic Energy, Govt of India
PI Industries Ltd		
Peroni Pumps India Pvt Ltd		Gujarat State Fertilizers & Chemicals Limited
Powertech Energy Corporation		Procter & Gamble India
Procter & Gamble India		
Prodair Air Products India Pvt. Ltd.		Syngas Phase-2 Coldbox project, BPCL-Kochi Refinery
		Sunflag Iron & Steel Company Ltd., Bhandara, Maharashtra
		Sapio Group, Italy
	Technip Energies	IOCL, Barauni
PT. South Pacific Viscose, Indonesia		
Petroleum Services Co., Kuwait		ANCAP, Refineria LA Teja, Montevideo, Uruguay
Raj Orgochem Pvt Ltd		Bromine Plant, Tuticorin, Tamil Nadu
Rolls Royce Power Eng Inc, UK	Qatar Kentz	OMV Exploration GmbH, Yemen
Sandvik Asia Pvt Ltd	Air Products, UK	FQM, Kansanshi, Zambia
		Tees Valley Project, UK
	JGC Corporation, Japan	Petronas LNG9 Sdn Bhd, Malaysia
	Samsung	Takreer (Abu Dhabi)
		Reliance Ind Ltd., Jamnagar
	Air Liquide	Sasol, South Africa
Satyesh Brinechem		Bromine Plant, Greater Rann of Kutch, Gujarat.
Siemens India Ltd	BOC India	Bhushan Power & Steel
	Air Liquide	
	Larsen & Toubro	
		SAIL, Bhilai
		Kribhco
		National Fertilisers Ltd. Panipat, Bhatinda, Nangal
	Air Liquide	KGHM Polska Miedz, Poland
		Reliance Jamnagar (IGCC & MEG)
	Technip	Mangalore PTA Project
SRF Ltd.		
Star Tower And Parts Trading DMCC, Kuwait	GE Power O&M	Combined Cycle Gas Turbine Plant, Sabiya Power Station, Kuwait Ministry of Electricity & Water
Steri Technologies, USA		Covestro, USA
Sud-Chemie India Pvt. Ltd.		
Thermax Limited	Linde	Reliance Jamnagar
	Hyundai Engg & Construction	Abu Dhabi Marine Operations Co.
Toshiba JSW Power Systems Pvt Ltd		2 X 800 MW NTPC Darlipalli Super Thermal Power Project
		1 X 660 MX Supercritical Thermal Power Plant, UPRVUNL, Harduaganj

Client	Main Contractor / Principal / Consultant (if different from Client)	Project Owner (if different)
UOP India Pvt. Ltd.	Engineers India Ltd.	Brahmaputra Cracker & Polymer Ltd.
		IOCL- Gujarat Refinery
		IOCL- Mathura Refinery
		HRRL, Barmer Rajasthan Refinery
		IOCL-Panipat Refinery
Voith Hydro Private Limited		15 MW Nam Pia Hydro Power Project, Vietnam

REGISTRATIONS

We hold all statutory registrations required for operation under the Indian laws.

- CIN No: U29119GJ2007PTC052047
- GSTIN No: 24AADCB2731P1ZN
- PF Regn. GJ/BRD/65938
- ESI Regn.
- Factory License No. 3531
- GPCB Consent To Operate No. 77886
- Permanent Account Number AADCB2731P
- Self-sealing permission for export containers

(Copies of registration certificates available on request)

FINANCIALS

- Working capital facility from Axis Bank Ltd. Rs 24 Cr (USD 3 Mi), HDFC Bank Rs 8 Cr (USD 1 Mi)
- Authorised Capital USD 5.6 Million (Rs 40 Cr), Paid Up Capital USD 4.2 Mi (Rs 35 Cr)
- Audited statement of accounts available on request

BANKERS

Axis Bank Ltd.

Shivabhi Luxaria Tower A
Maneja, Vadodara 390013

HDFC Bank Ltd

1-4, Gr Floor, Jade Square
Urmi Coop Housing Society Akota, Vadodara 390020

AUDITORS

Dushyant J. Dalal & Co.
Chartered Accountants
301, Golden Icon, Race Course,
Vadodara 390007

PRODUCT PROFILE

PRESSURE VESSELS



Refrigerant Suction Drum

Client: L&T Energy (formerly L&T Hydrocarbon Engg)

Owner: HPCL Rajasthan Refinery Ltd (HRRL), Barmer, India

3.8 M ID x 22.15 M (T/T) x **37.45 M Overall Length**, CS, 128.5 MT net weight and 139.5 MT gross weight



Cold Flare Knock Out Drum

4600 mm ID x 22 mm thk x 16.0 M T/T, 18.4 M O/A, Design Pr 3.5 kg/cm², SA 240 Gr 304L, Wt 68.3 MT

See video of load out here: <https://youtu.be/awVvpGAZrMU>

PRESSURE VESSELS FOR AIR SEPARATION PLANTS

MOLECULAR SIEVE ADSORBERS – VERTICAL & HORIZONTAL



Client: Air Products, UK

Scope: Design, detailed engineering, procurement, manufacturing, testing, painting and delivery of 6 no. Vertical Molecular Sieve Temperature Swing Adsorbers to EN13445 incl conformity to PED 2014/68/EU Module G for N.V. Nederlandse Gasunie's Nitrogen Plant at Zuidbroek, Netherlands.

Size: 5.86 M ID x T/T 2.6 M, SA 516 Gr. 70, 38 mm thick
73 MT weight each, 6 no.

See the video of load out here:
<https://youtu.be/xTVFQhogzUo>





Client: Air Products, UK

Scope: Design, procurement, manufacturing, testing, Code Stamping and delivery of 2 no. Vertical Molecular Sieve Temperature Swing Adsorbers to ASME Sec VIII Div 1 incl certification to PED 97/23/EC (CE marking under Module H1) for Prism ON300 Plant, AGC Glass

Europe, Teplitz, Czech Republic

Size:

4.27 M ID x 3.1 M T/T (8.7 M O/A), 16 mm thk, SA 516 Gr 70, 22 Tons each, cyclical service

Scope:

Design, procurement, manufacturing, testing, Code Stamping and delivery of 2 no. Horizontal Molecular Sieve Temperature Swing Adsorbers to ASME Sec VIII Div 1 for Kansanshi Copper Smelter ASU, Zambia



Size:

4.6 M ID x 12.1 M T/T, 14.5 M O/A, 22 / 30 mm shell, 70 Tons each, cyclical service

DIRECT CONTACT AFTERCOOLER

Client: Air Products, UK

Scope:

Design, procurement, manufacturing, testing, Code Stamping and delivery of DCAC to ASME Sec VIII Div 1 for Kansanshi Copper Smelter ASU, Zambia

Size:

4.0 M ID x 24 M T/T, 29.25 M O/A, 66 Tons



CHILLED WATER TOWER



Client: Air Products, UK

Scope:

Design, procurement, manufacturing, testing, painting and delivery of CWT to ASME Sec VIII Div 1 for Kansanshi Copper Smelter ASU, Zambia

Size: 5.0 M ID x 14.5 M O/A, 32 Tons

FLUIDISED BED COOLERS

Scope :

Procurement, fabrication, testing and painting of 2 Nos Fluidised Bed Coolers



Description:

Cooler shells: ID 4560 x Ht 5600 mm x 10 / 16 mm thk

Tube bundles: 38.1 x 3.2 and 25.4 x 3.2 mm SS 304 incl R/D 1.0 bends; 8 tube bundles

Total weight: Shell 22 MT x 2

Tube bundles: 5.5 MT x 8

Client:

FLSmidth Minerals Pvt. Ltd.

Owner / Project: Utkal Alumina Ltd.



REACTORS FOR CHEMICAL PLANTS

Client / Owner:

Albemarle Corporation, Pasadena, Texas, USA

Scope:

Design, detailed engineering, procurement, fabrication, PWHT, testing, Code Stamping, painting and delivery to Houston Port of 1 off Aluminum Alkyls Reactor 601-A to ASME Sec VIII Div 1

Description:

SA 516 Gr 70, 116 mm thk shell, 65 mm thk dished ends

ID 2896 mm x T/T 1765 mm, O/A 5921 mm

Internal 3 concentric coils of 3" Sch 160 Alloy 20 (UNS N08020) arranged in 2 rows with 6" Sch 160 headers, all supports in Alloy 20

Net weight: 58 MT



REACTORS FOR CHEMICAL PLANTS



Client / Owner:

Carborundum Universal Ltd. Kochi, India

Scope:

Design, detailed engineering, procurement, fabrication, testing and delivery of 1 off Alumina Reactor to ASME Sec VIII Div 1

Description:

SS316L, 25 mm thk shell, 30 mm thk dished ends

ID 1800 mm x T/T 3000 mm, O/A 5170 mm

Internal coil of 3" Sch 40S SS

316L

External limpet coil 3" SS 304L

Net weight: 8 MT



Client / Owner:

Sud-Chemie, Kochi, India

Scope:

Design, detailed engineering, procurement, fabrication, testing and delivery of 1 off Catalyst Reduction Reactor for Hydrogen Rich Gas to ASME Sec VIII Div 1

Description:

SS 304H, 12 mm thk shell, dished end, cone

ID 1600 mm x O/A 5.5 M

Weight 4.5 MT

AIR RECEIVERS

**Client:**

Bharat Heavy Electricals
Ltd. Ranipet

Owner:

2 x 500 MW CESB, Korba
TPP
SA 516 Gr 70, 12 mm thk
shell, 14 mm thk dished
ends

Scope:

Design, procurement, fabrication, testing
and painting of Air Receivers 2 x 15 CuM
and 2 x 10 CuM to ASME Sec VIII Div 1

Size:

15 CuM: ID 1700, T/L to T/L 6500 mm
10 CuM: ID 1700, T/L to T/L 4400 mm
100% RT, dished ends stress relieved

Description:**Client:**

Rolls Royce Power Engg. PLC, UK

Owner:

OMV (Yemen Block S2)

Scope:

Design, procurement, fabrication, testing, Code
Stamping and delivery of 4 No. 4000 Lit Air Receivers
to ASME Sec VIII Div 1

Description:

ID 1440 x 2350 mm T/T, Shell 20 mm thk, dished ends

22 mm nom thk, SA 516 Gr 70, 100% RT, dished ends stress relieved, internal coating and external
painting done.

Client:

Procter and Gamble India, Mandideep (MP) and Baddi (HP)

Scope:

Design, procurement, fabrication, testing, Code Stamping and delivery of
3 CuM & 5 CuM Air Receivers to ASME Sec VIII Div 1

Description:

ID 1400 x 2705 mm T/T, Shell 10 mm, Dished Ends 12 mm
SA 516 Gr 70, Design Pressure: 7.5 bar (g) Qty 2 No.



PRESSURE VESSEL WITH CE MARKING

**Scope:**

Procurement, fabrication, testing, CE marking and delivery of Monotherm 669 Vacuum Furnace to AD 2000 Merkblatt / PED 97-23-EC with CE marking

Client:

ALD Dynatech Furnaces Pvt. Ltd.

Owner:

ALD Vacuum Technologies GmbH, Germany

Description:

Inner Vessel: ID 1568 x 2829 mm T/T, 14 mm thk, SA 516 Gr 70

Outer Vessel: ID 1663 x 2934 mm, 6 mm thk, SA 516 Gr 70

Volume Bottles and Pulsation Dampeners

Scope:

Design, detailed engineering, procurement, fabrication, testing, CE marking and/or U Stamping and delivery of Volume Bottles and Pulsation Dampeners for Compressors

Client:

Howden BC Compressors, France

Howden Thomassen Compressors, Netherlands

Description:

- 3 no. Volume Bottles with U Stamp + CE Marking for Ibn Rushid PTA and Aromatics Project of Arabian Industrial Fibers Co. Ltd., Saudi Arabia / Bechtel
- 6 no. Volume Bottles with U Stamp for Al Yer Hydrogen Plant, Yanbu, Saudi Arabia / Air Liquide / Lurgi
- 6 No. Volume Bottles with U Stamp for Formosa Petrochemical Corp., Taiwan / Fu Tai Engg. Co. Ltd.
- 6 No. Volume Bottles for Brahmaputra Cracker & Polymer Ltd. Petrochemical Complex Project
- 8 No. Volume Bottles with U Stamp for LDPE Project, Ruwais of Abu Dhabi Polymers Co. Ltd. (Borouge) / Samsung / Tecnimont.
- 6 No. Volume Bottles with U Stamp for 6000 Tons Polysilicon Plant, Zhang Bin Industrial Park of Powertec Energy Corp, Taiwan / CTCI Corporation.
- 8 No. Pulsation Dampeners with GOST-R certification for Rosneft-Komsomolsk C Project, Russia.



STORAGE TANKS

**Scope:**

Design, detailed engineering, procurement, fabrication, testing and painting of DEAC Storage Tank to ASME Sec VIII Div 1.

Description:

Dia 7000 x Ht 2000 mm IS 2062; Weight 19.6 MT

Client:

Gulbrandsen Chemicals Pvt. Ltd

Scope:

Detailed engineering, procurement, fabrication, testing and delivery of 6 No. Storage Tanks to API 650: 2007

Description:

35 KL Tank for High Speed Diesel, 3.25M (D) x 4.5 M (H) - 1 No.

50 KL Tanks for Methanol, Toluene & Sulph Acid, 3.6M(D) x 5.25M(H)– 3 No.

100 KL Tanks for Furnace Oil (with TEMA Class R Heater) and Caustic Lye, 4.75 M (D) x 6 M (H) – 2 No. With ladders & hand rails, external painting

Client:

PI Industries

**Scope:**

Procurement, fabrication, testing and painting of Sulphuric Acid Pump Tank.

Description:

Dia 7000 x Ht 2000 mm IS 2062; Weight 19.6 MT With SS 304 cladding inside roof plate.

Client: Bodal Chemicals Ltd

BOILER COMPONENTS TO ASME SEC I

STEAM DRUM

**Scope:**

Design, procurement, fabrication, testing and delivery of Steam Drum to ASME Sec I with partial 'S' Stamp (Form P4)

Client:

CIR Sociedad Anonima, Uruguay

Description 1:

OD 1300 x 8400 mm T/T, Shell 45 mm thk, dished ends 60 mm nom thk, SA 516

Gr 70, Nozzles NPS 3 - 54 No. Other sizes up to NPS 10 - 12 No., 100% RT on all butt welds, whole vessel stress relieved in gas fired furnace, hydro tested at 109 bar, weight 15 MT

Description 2:

OD 1750 x 7200 mm T/T, Shell 25 mm thk, dished ends 30 mm nom thk, SA 516 Gr 70, holes drilled 1368 of 50.8 dia, 164 of 2" dia, others 29 no.



WATER WALL PANELS

Scope:

Design, procurement, fabrication, testing and delivery of 22 No. Water Wall Panels to ASME Sec I with partial 'S' Stamp (Form P4)

Client:

CIR Sociedad Anonima, Uruguay

Description:

2" Sch 40 pipes with 25 x 6 mm fins FCAW welded, bends in 2 planes, hydro tested to 109 bar, pipe ends edge prepared, total weight 28 MT



HEAT EXCHANGERS

AIR COOLED VACUUM CONDENSERS



Scope:

Procurement, fabrication, assembly, testing and delivery of 20 no. Air Cooled Vacuum Condensers to ASME Sec VIII Div 1

Client: Jord International Pvt. Ltd. **Owner:** Shree Renuka Sugar Industries Ltd.

Description:

SS304 welded finned straight tubes 50.8 OD x 1.2 mm thk, Aluminum fins L-Base / B209 alloy 1060 @ 10 / 12 FPI, tube sheet thickness 10 mm; heat transfer area per condenser 9,163 SqM; overall size 19 M (L) x 3.6 M (W); weight per condenser 14 MT

STEAM COIL AIR PREHEATER



Scope: Mechanical and thermal design, detailed engineering, procurement, manufacturing, testing and delivery of 2 No. Steam Coil Air Preheaters to ASME Sec VIII Div.1

Client: BHEL, Ranipet **Owner:** 2 x 500 MW TPP, DVC Bokaro

Description: Duct size 6M x 3.5 M Tubes 19.05 mm OD x 2.11 mm thk IS 1914 seamless with IS 513 plate fins 28 SWG thk, tube bundle hot dip galvanised. Heat Transfer area 1,143 SqM per SCAPH

PROCESS GAS COOLERS



Client: Howden BC Compressors, France

Contractor / Owner: Powertec Energy Corp / CTCI Corporation for 6000 Tons Polysilicon Plant, Zhang Bin Industrial Park, Taiwan

Scope: Design (mech & thermal), detailed engineering, procurement, manufacturing, certification, Code Stamping and delivery to ASME Sec VIII Div 1

Description: TEMA Class R, Type BEU

Shell: 8" Sch 40, SA 106 Gr B, 2.23 M long, channel box SS 304

Tubes: OD 15.875mm x 3.2mm thick, SS 304

Tube sheet: 35 mm thk, SS 304 Qty: 2 No.



LUB OIL COOLERS



Client: Howden BC Compressors, France

Contractor / Owner: Lurgi-Air Liquide / SABIC, for Al Yer Hydrogen Plant, Yanbu, Saudi Arabia

Scope: Design (mech & thermal), detailed engineering, procurement, manufacturing, certification, Code Stamping and delivery to ASME Sec VIII Div 1

Description 1: TEMA Class R, Type BEW

Shell: 8" Sch 40S, SS316L

Tubes: OD 9.525 X 1.651mm thick, SS 316L

Tube sheet: 20 mm thk, SS316 L

Qty: 3 No.

Description 2: TEMA Class R, Type: BEU

Shell: 8" Sch 40, SA 106 Gr B, 2.28 M long, channel box SS 316 L

Tubes: OD 15.875 mm x 1.651 mm thk, SA 213 TP 316 L

Tube sheet: 45 mm thk, SS 316 L Qty: 3 No.



STACKED (DUPLEX) COOLERS



Client: Howden BC Compressors, France

Owner: Kirishi Refinery of
Kirishinefteorgsintez LLC, Russia

Scope: Design, detailed engineering, procurement, manufacturing, testing and delivery of 3 No. Bypass Gas Coolers, 2 No. Interstage Gas Coolers, 6 No. Duplex Lub Oil Coolers, 3 No. Duplex Water Coolers, all to ASME Sec VIII Div 1, TEMA Class C / R and GOST-R with CUTR 032/2013 certification



AIR COOLED HEAT EXCHANGERS



Client: Jord International, Australia

Owner: Occidental Mukhaizna, Oman

Scope:

Procurement, fabrication and painting of Header Boxes for Sales Oil Coolers to ASME Sec VIII Div 1 / API 661 with partial U Stamp for Mukhaizna SAT-1 and CPF Upgrade Project

Description: Headers size: 3.21 M (L) x 0.8 M (W) x 0.4 M (H), Headers thickness: 25 mm

Material: SA 516 Gr 70, Qty 16 no. (8 sets)

PRESSURE PIPING

Scope: Procurement, fabrication, testing, painting and delivery of process gas piping, compressor interconnecting piping, lub oil / condensate piping spools to ASME B 31.3 for Kribhco 1 & 2, SAIL-Bhilai, Rengali 1, 2 & 3, Meramandali Projects



Client:

Siemens Ltd.

Description:

Material Grade: SA 516 Gr 70, SA 106 Gr B, SS316L, SS304

Size ½" to 104"

5,707 Dia Inch of circ seam welds

140 M of long seam welds

45 MT weight total

190 spools, 60 hydro tests

COLUMNS

**Scope:**

Detailed engineering, procurement, fabrication, testing and delivery of 9 No. SS316L and 2 No. CS Columns to ASME Sec VIII Div 1

Client:

SRF Ltd.

Description:

Dia 508 mm x 22.4 M long x 1 no.
Dia 508 mm x 20.4 M long x 2 no.
Dia 508 mm x 10.9 M long x 1 no.
Dia 450 mm x 12.87 M long x 1 no.
Dia 406 mm x 22 M long x 2 no.
Dia 300 mm x 12.75 M long x 1 no.
SS 316 L, Total weight 11.5 MT
Dia 900 mm x 55.07 M long x 1 no.
Dia 400 mm x 30.5 M long x 1 no.



PORTABLE CHEMICAL TANKS



Scope: Design, detailed engineering, procurement, fabrication, proto type testing, painting, Code stamping, certification and delivery of 10 No. 7.5 CuM Portable Chemical Tanks for Aluminum Alkyd (UN T21) to ASME Sec VIII Div.1 with IMDG, ADR, RID, US DOT, UK DfT, TC, TIR certification by Lloyds.

Client:
Gulbrandsen Chemicals Pvt. Ltd

Description:
ID 1875 x 2088 mm T/T, 12 mm thick, SA 516 Gr 70 with

ellipsoidal dished ends, Design Pressure 12.34 kg/cm², PWHT, support structure incl saddles and forklift pockets load tested to ISO 1496-3 Series 1.

PORTABLE CHLORINE TANKS (WITHOUT FRAME)



Scope:
Design, procurement, fabrication, testing and delivery of 10 No. Chlorine Tanks to ASME Sec VIII Div 1 with partial 'U' Stamp; Lethal Service

Client:
CIR Sociedad Anonima, Uruguay

Description:
Dia 2.045 M x 6 M T/T, 16 mm thk, SA 516 Gr 70 with hemispherical dish ends and

internal 2:1 ellipsoidal bulk head; PWHT of whole vessel; weight 5.2 MT per tank

PSA SURGE TANK

Scope: Design, detailed engineering, procurement, fabrication, testing, painting and delivery of Surge Vessel to ASME Sec VIII Div 1

Client:

UOP-Honeywell; IOCL Gujarat Refinery

Description:

ID 4.65 M x 14 thk, T/L 30.85 M,
O/A 34.75 M, SA 516 Gr 70, Weight 72 MT, Qty 1



PORTABLE BROMINE TANKS

Scope: Design, detailed engineering, procurement, fabrication, testing, lead lining, painting and certification of 8,000 Liters UN T22 Bromine tank mounted on an ISO 1496 Class III Frame in accordance with ASME Sec VIII Div. 1, ISO 1496, DOT 49 CFR, ADR, RID, IMO, IMDG, AAR.600, CSC and Owner specifications.



Client: Jordan Bromine Company, Jordan / Albemarle Corporation, USA

Description: Vessel: 1524 mm ID x 10 thk ; SA 516 Gr70; Lead Lined; 'U' designated ;
Tare Weight ~ 7,000 Kg; Frame: 20 ft ISO 1496 Class III ; Qty 40 Nos

SKID MOUNTED ASSEMBLIES AND PORTABLE PLANT SKIDS

Scope: Engineering, Procurement, fabrication, structural frame, installation of equipment, heat tracing, insulation, painting, assembly, testing and delivery of 2 sets of Hydroprime HC-300 Plant Skid including all E&I for 330 Nm³/hr Hydrogen plants.

Client: Linde Engineering India Pvt. Ltd.

Description: Frame Dimensions in meters: 13.9 x 2.9 x 4.1 (L x W x H), Total Weight: 49.6 MT



See a video of the skid here: <https://youtu.be/HqdsP2Rkk7g>

MISCELLANEOUS STATIC PROCESS PLANT EQUIPMENT

Transformer Oil Tank for 110 MVA, 765 KV Reactor



Scope:

Procurement, manufacturing, testing, painting and supply of transformer oil tank for Reactor

Client: GE Vernova

Owner: Sterlite Power

Weight: 20 MT per tank



AIR PREHEATER ROTOR ASSEMBLY



Scope:

Procurement, fabrication, trial assembly, disassembly, painting and delivery of Rotory Air Preheater rotor section (design by James Howden, UK)

Client:

Howden Air & Gas India Pvt. Ltd. / L&T MHI Boilers Pvt. Ltd. / L&T Power
L&T Howden Pvt. Ltd. / L&T MHI Boilers Pvt. Ltd. / L&T Power

Owner:

2 x 600 MW Jaypee Nigrie Project & 3 X 660 MW Koradi STPP Units 8, 9, 10, Mahagenco

Description 1:

16.26 M Diameter x 3.95/2.24 M Height, Tolerance on OD ± 2 mm; 96 Tons weight per assembly; Qty 4 assemblies

Description 2:

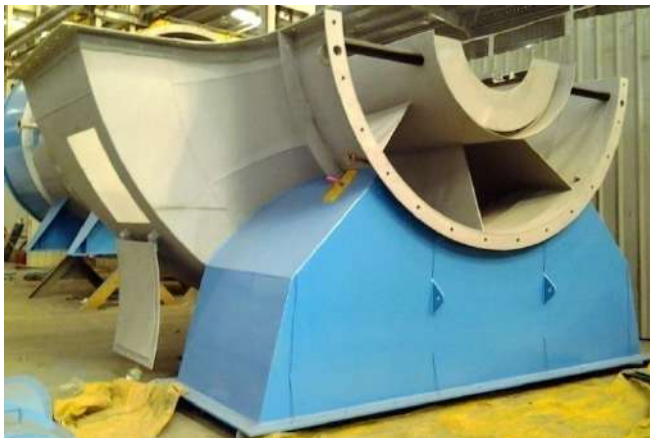
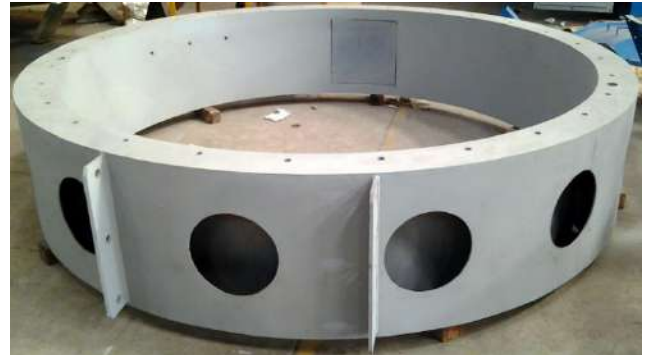
16.26 M Dia x 4.055 M Height, Tolerance on OD ± 2 mm; 103 Tons weight per assembly; Qty 4 assemblies

STATIC PARTS OF AXIAL FAN

Scope: Procurement, fabrication, trial assembly, painting and delivery of 2 sets of static parts of variable pitch Axial FD Fans for 2 x 600 MW Jaypee Nigrie Power Project (design by James Howden, Denmark)

Client: Howden Air & Gas India Pvt. Ltd. **Owner:** Jayprakash Power Ventures

Description: Fan Model No. ANN-2520/1400C, Capacity: 2800 KW, 240 m³/s, 19 Tonne per set



MULTI HEARTH FURNACE SHELL, AFTER BURNER AND CYCLONE



MHF Shell:

Shell OD 4.36 M x 8.7 M (L) x 8 mm thk, Overall height 13.9 M, Weight 19 MT

After Burner:

IS 2062 Gr B / SS 310 / SS 304
6 / 8 mm thk; Max Dia 2.5 M, Overall height 17.3 M, Weight 7 MT



Cyclone:

SA 572 Gr 50, 6 mm thk, Max Dia 2.2 M, Overall height 8.5 M, Weight 2.34 MT

Scope:

Procurement, fabrication, assembly, external painting and delivery



Client:

Jord International

Owner:

Shree Renuka Sugars

VOLUTE CASING FOR COMPRESSORS

Scope:

Procurement, Fabrication & Testing of Volute Casings for GC 100, GC 50 & GC 20 Compressors

Client: Siemens India

Description:

Material SA 516 Gr70, 6 to 80 mm thk, all FCAW, 100% UT, normalising of transition nozzles after forming, stress relieving of entire casing, blasting and painting



DOUBLE WALL COMBUSTORS

Scope:

Procurement, fabrication, testing and painting of 2 sets of Combustors with foundation frames



Description:

Double walled shell; inner 10 mm thk and outer 3 mm thk

Dia 3900 x 8500 mm long IS 2062 Gr B

Weight 20 MT

Qty 2 Sets

Client:

FLSmidth Pvt Ltd

Owner:

Century Steel (TISCO), Jamshedpur



WHRSG CASING

Scope:

Procurement, fabrication, testing and painting of Waste Heat Recovery Boiler Casing

Description:

Casing of 11 M (L) x 7 M (W) x 6 M (H), Weight 70 MT

Heavy steel structure fabrication, welding of attachments to SS tube sheets, cover panels, insulation, assembly and load out.

Client:

Thermax / Hyundai

Owner:

Abu Dhabi Marine Operations Company (ADMA-OPCO)

Field Development Project, Satrah Al Razboot (SARB) Site in Abu Dhabi



INCINERATOR SHELL

Scope:

Procurement, fabrication, testing and painting of Incinerator Shell

Description:

Incinerator shell 19.3 M (L) x 5.65 M Dia
Weight 71 MT per shell
Qty 2 No.

Client:

Thermax / Linde

Owner:

Reliance Jamnagar Refinery, J3 Project:
Sulphur Recovery Package

