

Baroda Equipment and Vessels

Private Limited



Block 241-243
Muval-Mobha Road
Muval P.O., Taluk Padra
Vadodara District
Gujarat 391430 India

Phone: +91 9099944802, +91 9099944804 +91 9099944806 info@barodaequip.com
<https://barodaequip.com>

ABOUT US

Established on 25-Oct-2007

Private Limited Company under Indian Companies Act, 1956

Authorised capital Rs 40 Crores (USD 5 Mi)

Paid up capital Rs 37.5 Cr (USD 4.7 Mi)

Working capital facility Rs 32 Cr (USD 4 Mi)

Started commercial operations in July 2009

60 to 70% sales from direct exports

ABOUT US

243

PROJECTS
COMPLETED

13

PROJECTS IN
PROGRESS

79

SATISFIED
CLIENTS

137

SATISFIED
ASSET OWNERS

SUPPLIED TO

40

COUNTRIES

5.5 Million

SAFE MANHRS
WITHOUT LTA

WHERE ARE WE?

34 km from Vadodara City

420 km from Mumbai

120 km from Ahmedabad

Nearest Port: Adani Hazira, 130 km from site

WHERE ARE WE?

Plant:

Muval Village, Padra Taluka

34 km from Vadodara city

GPS: [22°9'57.19"N, 72°58'2.91"E](#)



WHERE ARE WE?

Design & Engg Office:
Manjalpur, Vadodara
Within the Vadodara city

GPS: [22°15'58.08096"N, 73°11'50.82252" E](#)



EXTENDED FACILITIES-1

ASME Certified Temporary Location under BEV
Quality Management System

Plot 10, Ph 2 GIDC, VU Nagar, Karamsad, Anand
35 M x 11.5 M with 5 MT & 2 MT EOT Cranes



EXTENDED FACILITIES-2

362, Manjusar GIDC Manjusar, Vadodara
2 Shops, 33 M x 14 M with 2 x 5 MT EOT Cranes
Under BEV Quality Management System



EXTENDED FACILITIES-3

3, Ratnakar Business Hub, Por GIDC Rd, Vadodara
2 Shops, 27 M x 25 M & 35 M x 20 M, both with 5
MT EOT Cranes
Under BEV Quality Management System



Our products range

- Pressure vessels to ASME Sec. VIII Div.1, 2, AD2000, EN13445, PD 5500, IS 2825, IBR, AS 1210
- Heat Exchangers to TEMA and client specs
- Storage Tanks to API 650, BS2594, EN 12285
- High pressure pipe work
- Various pressure parts for high pressure boilers with IBR or S Stamp
- Portable Pressurised Chemical Tanks for hazardous chemicals (IMDG, ADR/RID, US DoT , UK DfT, CSC, TC etc.)

Our products range

- Air cooled Heat Exchangers as per API 661
- Skid mounted assemblies
- Various process plant equipment (custom designed and manufactured)
- Custom designed structures for offshore and onshore applications
- Non pressure parts such as ducts, HRSG casing, silo, stack, RAPH rotor sections etc.
- Offshore containers to EN 12079

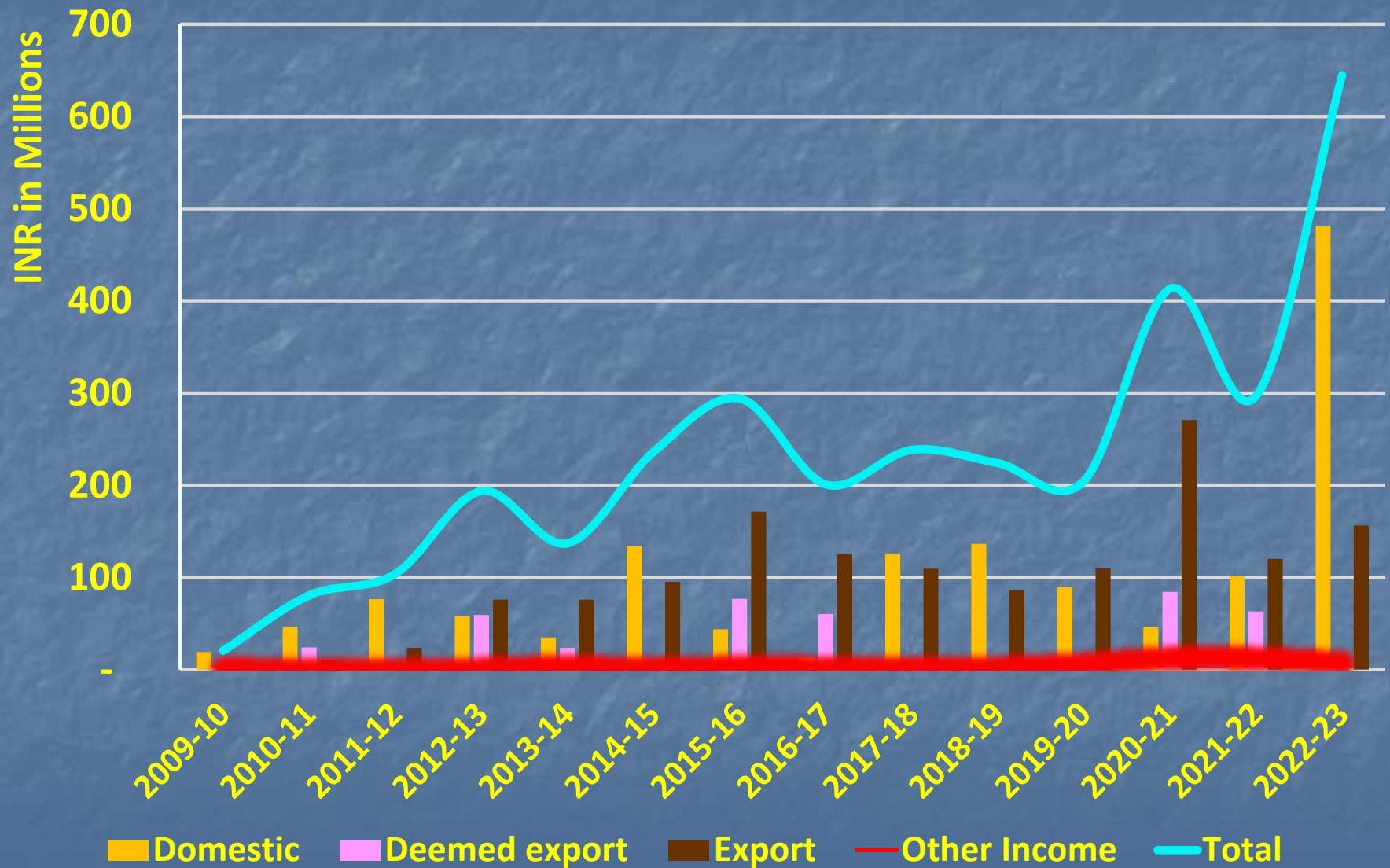
We serve

- Oil and gas industry – offshore and onshore
- Petrochemical plants
- Power Sector: Thermal, Nuclear
- Steel plants
- Fertilizer plants
- Non conventional energy sector: Wind, Solar
- Ports and infrastructure sector

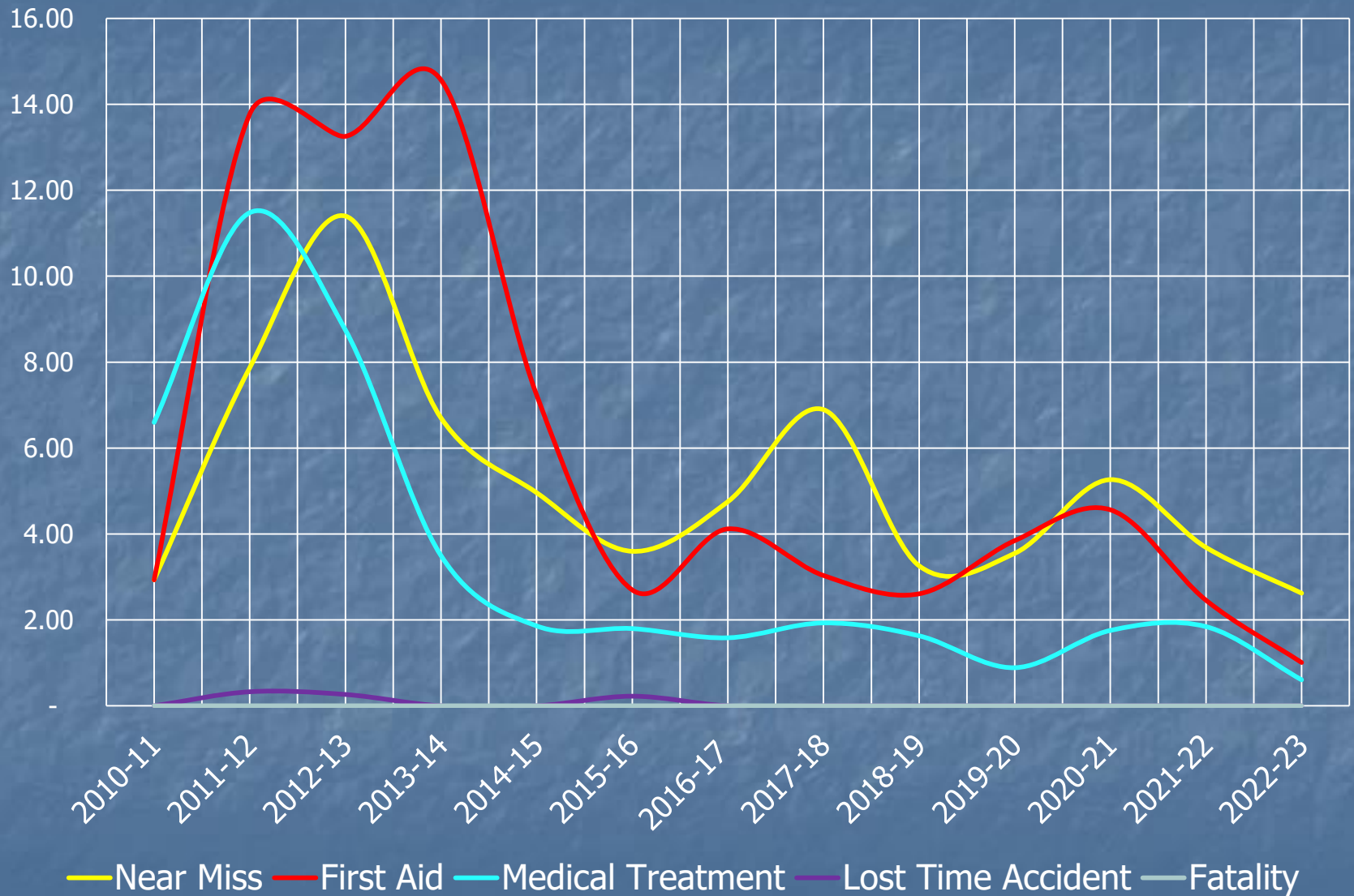
Our Facilities

- Industrial plot of 8 acres (32,456 SqM)
- Main building (G+1) of 1,080 SqM floor area
- Power from grid 470 KVA, 415 V, 3 ϕ , 50 Hz on 24 x 7 basis.
- Roof Top Solar Plant of 135 KWp
- Borewell 75 M deep with a coarse filter, overhead tanks and a 18 LPH RO plant
- Concrete road from main road to workshop

Sales Turnover

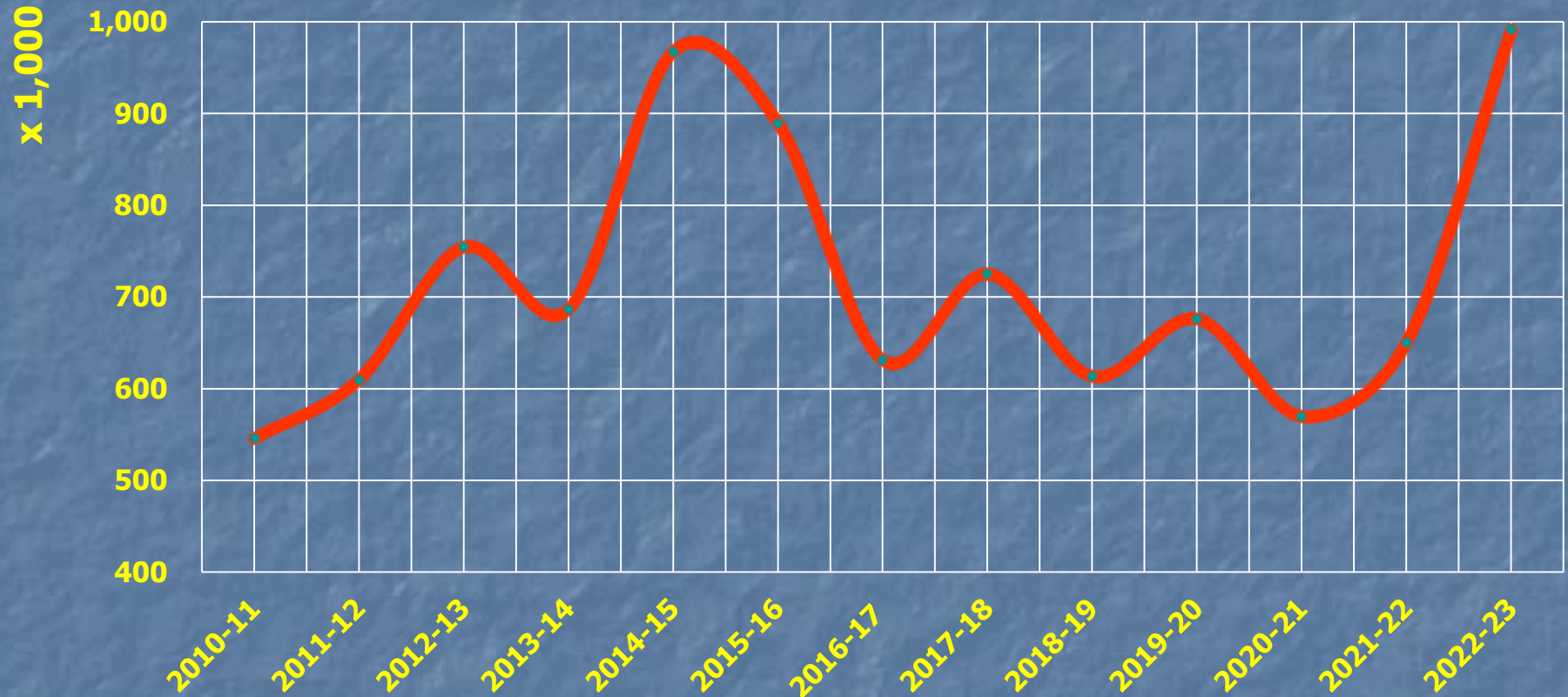


Safety Statistics



Safety Statistics

Man Hours



SAFE MANHOURS SINCE LAST LTA 5.55 MILLION

LAST LOST TIME ACCIDENT ON: 19-JUN-2015

GLIMPSES OF OUR PLANT



GLIMPSES OF OUR PLANT



GLIMPSES OF OUR PLANT



GLIMPSES OF OUR PLANT



A purpose built 96 bed hostel for bachelor workmen

GLIMPSES OF OUR PLANT



GLIMPSES OF OUR PLANT



Fabrication Workshop
7,025 SqM

140.5 M (L) x 50 M
(W) x 16 M (H)



GLIMPSES OF OUR PLANT



Open Bay 1,600 SqM, 64 M (L) x 25 M (W)

2 x 30 MT Gantry Cranes, 12 M height below the hook

Our Facilities

- 8 Acres plot (32,456 SqM)
- Factory Building: 7,025 SqM
- Open concrete floor with gantry cranes: 1,600 SqM
- 4.76 Acres of open area for lay down of materials and finished goods
- Permanent power 470 KVA.

Our Facilities

- Material Handling:
- 1 x 32 T EOT Crane in Bay 1, 9.25 M height
- 1 x 10 T EOT Crane in Bay 2, 6.25 M height
- 4 x 5 T EOT Cranes, 6.25 M height
- 2 x 30 T Gantry Cranes, 12 M height in Bay 4
- 1 x 6 T Gantry (Goliath) crane
- Mobile cranes 'on call' basis

Our Certifications

American Society of Mechanical Engineers (ASME) for manufacture of:

- Pressure Vessels ('U' & 'U2' Stamps)
- Boilers and boiler components ('S' Stamp)
- National Board of Boilers and Pressure Vessel Inspectors, USA ('NB' Stamp)
- Repair & recertification of the above ('R' Stamp)

PED 2014/68/EU Module H and H1 Approval

AD2000 Merkblatt Mod HP0 Approval

ISO 3834-2 Welding Management System Approval

Approved Shop under Indian Boiler Regulations

ISO 9001: 2015, ISO 45001: 2018, ISO 14001: 2015

Major Approvals

Engineers India Limited (EIL) Approval:

- CS Pressure Vessels - up to 50 mm
- SS Pressure Vessels - up to 30 mm
- LAS Pressure Vessels – up to 32 mm
- Heat Exchangers - CS & SS

Petroleum and Explosives Safety Organization
(PESO) for Fabrication of Non-Cryogenic Pressure
Vessels

Our Certifications



CERTIFICATE OF AUTHORIZATION

The named company is authorized by the American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME 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 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, 2021
EXPIRES: February 24, 2024
CERTIFICATE NUMBER: 38309

Board Chair, Conformity Assessment

Managing Director, Conformity Assessment



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 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 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, 2021
EXPIRES: February 24, 2024
CERTIFICATE NUMBER: 42088

Board Chair, Conformity Assessment

Managing Director, Conformity Assessment



Our Certifications



CERTIFICATE OF AUTHORIZATION

The named company is authorized by the American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME 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 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, 2021

EXPIRES: February 24, 2024

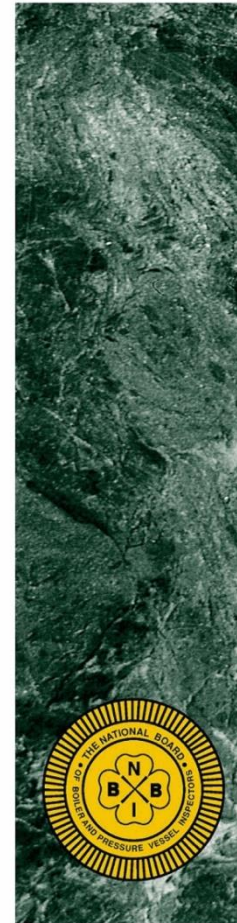
CERTIFICATE NUMBER: 38308

David E. Tuttle

Board Chair, Conformity Assessment

Paul Chang

Managing Director, Conformity Assessment



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

Acceptable Abbreviation: BEV

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: October 21, 2020

Expiration Date: February 24, 2024

Executive Director

John E. Christ

Our Certifications

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

NB 137 Rev. 9



Office of the Director of Boiler, Gujarat State

3rd Floor, D Block, Bahumali Bhawan, Manjushree Mill Compound, Anarva, Girdharnagar
Ahmedabad- 380004.

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

No. DOB/TECH/2021/CA062021-20220090673

Date 08/09/2021

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

Subj: Extension of Approval of your workshop for Manufacturing of Heat Exchangers, Pressure Vessels, Boiler 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.15898 dtd. 31-08-2007
2. Your application no.A0032021-20220101327 dtd. 13-06-2021
3. This office forward no.2021BWCTBI128440189 dtd. 13-08-2021
4. Government of Gujarat Notification No. GR - 2007 - 73 - IIA - 1099 - 1895 (1) - 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, Boiler 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 31/08/2021 to 30/08/2023
other conditions are remains same as per reference letter 1

Online receipt No.1798374 of Rs.10000.00 dtd.24/08/2021 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,

Shri B. H. Patel
Director of Boilers,
Gujarat State, Ahmedabad.

Copy to: D.O.B / TECH /2021 /CA062021-20220090673 08/09/2021 Dated
Shri D. R. Mishra, Deputy Director of Boilers, Vadodara Region for information and necessary action

Our Certifications

Hartford Steam Boiler Ireland Limited
28 Windsor Place, Lower Pembroke Street
Dublin 2, Ireland
Registered at the above address
Registration Number: 046225



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-064 Rev 5 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: 046225



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.1432.00-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.
SIGNATURE: 2833

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



Our Certifications



Two Park Avenue tel 1.212.591.7575
New York, NY fax 1.212.591.8599
10016-5990 U.S.A. www.asme.org

July 20, 2022

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

Subject: ASME Temporary Location Authorization Letter

Temporary Location: <input checked="" type="checkbox"/> Initial Cycle <input type="checkbox"/> Final Cycle	Plot no. 10, 2 nd Phase GIDC, Vitthal Udyognagar, Karamsad, Anand 388325, Gujarat, India
AIA of Record/ACR:	The Hartford Steam Boiler Inspection and Insurance Company Date of Audit Report: May 24, 2022
Certificate(s) of Authorization:	S, # 38308, Expires February 24, 2024 U, # 38309, Expires February 24, 2024 U2, # 42088, Expires February 24, 2024
Authorization Letter Expires: (Use of Temporary Location Expires)	July 20, 2023
Acceptance on Continued Use of the Temporary Location Under an Authorization Letter: <input checked="" type="checkbox"/> Dependent upon the result of an additional temporary location audit. For uninterrupted use, the Certificate Holder is to contact ASME at least 2 months prior the Authorization Letter expiration date. <input type="checkbox"/> Dependent upon the result of intervening ASME Review. The Certificate Holder is to remind the Team Leader to identify the temporary location in the renewal report. <input type="checkbox"/> Final cycle, use of temporary location not permitted after the Authorization Letter expiration date. A Certificate Authorization issued to the location will be required to perform Code work.	

Dear S Lekshminarayanan,

ASME has completed its review of the temporary location audit report and finds your request acceptable for the use of the temporary location, identified above, under the QC Program described in your QC Manual as an extension of the ASME certificate(s) issued to your company.

Any Code work performed at the temporary location while this Temporary Location authorization letter is in effect shall be noted in the Remark Section of the Manufacturer's Data Report. The address appearing in Item

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

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www.tuv.com

 **TÜVRheinland®**
Precisely Right.

Our Certifications



Bureau Veritas Certification

BARODA EQUIPMENT AND VESSELS PRIVATE LIMITED



BLOCK NO. 241 – 243, MUVAL – MOBHA ROAD, MUVAL P.O. PADRA TALUKA, VADODARA – 391 430, GUJARAT, INDIA.

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organization 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: **26 October 2021**

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **28 October 2024**

Certificate No. **IND.21.6355/QM/U** Version: **1** Revision date: **26 October 2021**

J. Manian

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



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

Local office: Bureau Veritas (India) Private Limited (Certification Business)
72 Business Park, Marol Industrial Area, MIDC Cross Road "C", Andheri (East), Mumbai – 400 063, India.

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

BARODA EQUIPMENT AND VESSELS PVT. LTD.



BLOCK 241-243, MUVAL-MOBHA ROAD, MUVAL P.O., PADRA TALUKA, VADODARA – 391 430, GUJARAT, INDIA.

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organization 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
Expiry date of previous cycle for ISO 14001:	18 April 2021
Expiry date of previous cycle for ISO 45001:	Not Applicable
Recertification Audit date for ISO 14001:	12 February 2021
Certification Audit date for ISO 45001:	12 February 2021
Recertification cycle start date for ISO 14001:	09 April 2021
Certification cycle start date for ISO 45001:	09 April 2021

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **08 April 2024**

Certificate No. **IND.21.7868/IM/U** Version: **1** Revision date: **09 April 2021**

J. Manian

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



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

Local office: Bureau Veritas (India) Private Limited (Certification Business)
72 Business Park, Marol Industrial Area, MIDC Cross Road "C", Andheri (East), Mumbai – 400 063, India.

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

Main office - P.O.Box 9756, 81008 Ahmed, Kuwait - Telephone: (965) 2399 9111
on 130 - C.R.21635 - fax: (965) 2399 9661 <http://www.kockw.com>

Procurement Development Department

Ref: 4994/PDD/I/RE/B216

Date: 8th Jun, 2021

M/s Baroda Equipment and Vessels Pvt. Ltd.
Block 241-243, Muval-Mohba Road
P.O. Muval, Taluk – Padra
Vadodara – 391 430
Gujarat

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	Material	Shell Thickness	
	CS	Upto 50mm	
	SS, All grades: 304/316/321/347	Upto 25mm	
Heat Exchanger	Material	Shell Thickness	Tube Sht. Thk.
	CS	Upto 50mm	Upto 85mm
	SS, All grades: 304/316/321/347	Upto 25mm	Upto 85mm

(This enlistment is valid for your works located at Block 241-243, Muval-Mohba Road, P.O. Muval, Taluk – Padra, Vadodara – 391 430).

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, materials shall be supplied 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.

Neeraj Mathur
नीरज माथुर / NEERAJ MATHUR
सिनिअर प्रोडक्शन एंड मरुत
क्र. 04 & HOD (POD)
इंजीनियर्स इंडिया लिमिटेड / ENGINEERS INDIA LIMITED
(भारत सरकार का उपक्रम) / (A Govt. of India Undertaking)
1, भीकानजी कामा प्लेस/1, Bhikaji Cama Place,
नई दिल्ली / New Delhi - 110 066

Sheet 1 of 2



उत्कृष्टता का आधार - हमारे कर्म Delivering Excellence Through People
पंजीकृत कार्यालय / Regd. Office - फोन / Phone : +91-11-26762121 (EPABX)
CIN : L74899DL1965GOI004352 Website : www.engineersindia.com
सर्व शिष्टा अभिवाद्य एक काम देश नाम हिंदी देश की एकता की कड़ी है।
Follow us : [f/EngineersIND](https://www.facebook.com/EngineersIND) [@EngineersIND](https://www.twitter.com/EngineersIND) [in/company/engineers-india-limited](https://www.linkedin.com/company/engineers-india-limited)



ईमेल/E-mail : pdd@eil.co.in

Procurement Development Department

Ref: 4994/PDD/I/EH/B216

Date: 26th July, 2021

M/s Baroda Equipment and Vessels Pvt. Ltd.
Block 241-243, Muval-Mohba Road
Taluka: Padra
Vadodara – 391 430
Gujarat

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	Material	Shell Thickness
	SS, All Grades: 304/316/321/347 LAS (1.25Cr-0.5Mo)	Upto 30mm Upto 32mm

(This enlistment is valid for your works located at Block 241-243, Muval-Mohba Road, PO: Muval, Taluka: Padra, Vadodara – 391 430).

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, materials shall be supplied 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.

Neeraj Mathur
नीरज माथुर / NEERAJ MATHUR
सिनिअर प्रोडक्शन एंड मरुत
क्र. 04 & HOD (POD)
इंजीनियर्स इंडिया लिमिटेड / ENGINEERS INDIA LIMITED
(भारत सरकार का उपक्रम) / (A Govt. of India Undertaking)
1, भीकानजी कामा प्लेस/1, Bhikaji Cama Place,
नई दिल्ली / New Delhi - 110 066

Sheet 1 of 2



उत्कृष्टता का आधार - हमारे कर्म Delivering Excellence Through People
पंजीकृत कार्यालय / Regd. Office - फोन / Phone : +91-11-26762121 (EPABX)
CIN : L74899DL1965GOI004352 Website : www.engineersindia.com
सर्व शिष्टा अभिवाद्य एक काम देश नाम हिंदी देश की एकता की कड़ी है।
Follow us : [f/EngineersIND](https://www.facebook.com/EngineersIND) [@EngineersIND](https://www.twitter.com/EngineersIND) [in/company/engineers-india-limited](https://www.linkedin.com/company/engineers-india-limited)



ईमेल/E-mail : pdd@eil.co.in

Our Certifications



E-mail : explosives@explosives.gov.in
Phone/Fax No : 0712 -2510248, Fax-2510577

Approval No : A/S/HQ/GJ/PVM/36 (S97136)

Dated : 05/03/2021

To,

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

Sub : 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 WORK SHOP FOR FABRICATION OF NON CRYOGENIC PRESSURE VESSELS under Static & Mobile Pressure Vessel(Unfired) Rules, 2016-Reg- **Approval**.

Sir(s),

Please refer to your letter No. OIN417143 dated 02/03/2021 on the subject. The fabrication shop is approval granted under Static & Mobile Pressure Vessel(Unfired) Rules, 2016 is here by revalidated upto **31/12/2022**.

Please note that intimation for the revalidation of the shop approval shall be made so as to reach this office before the date ie(**31/12/2022**) on which it expires.

You shall also furnish a performance report on yearly basis, detailing the number of Pressure Vessel(Unfired) fabricated with Sr. No. , and details of the customers.

This approval may be amended or withdrawn at any time if considered necessary in the interest of safety or if any of the conditions as mentioned above are violated or not complied with.

Please indicate Dockey (**S97136**) for future correspondence.

Yours faithfully,

(K Srinivasa Rao)
Controller of Explosives
For Chief Controller of Explosives



न्यूक्लियर पावर कारपोरेशन ऑफ इंडिया लि.
(भारत सरकार का उद्यम)

NUCLEAR POWER CORPORATION OF INDIA LTD.
(A Govt. of India Enterprise)

संविदा एवं सामग्री प्रबंधन निदेशालय
नाभिकीय ऊर्जा भवन,
ए-'O' ब्लॉक, तृणमाला,
अनुशासननगर, मुंबई - 400 094.
दूरभाष: 2599 3000 / 2599 1000
तार : अनुऊर्जा, मुंबई - 400 094.
फैक्स : 91-22-2558 0741

DIRECTORATE OF CONTRACTS & MATERIALS MANAGEMENT
Nabhikiya Urja Bhavan
A-'O' Block, Ground Floor,
AnushaktiNagar, Mumbai - 400 094.
Tel. : 2599 3000 / 2599 1000
Gram : ANUOORJA, Mumbai - 400 094.
Fax : 91-22-2558 0741

Ref: NPC/CMM/VSR/ 1316

Date: 5-Dec-11

M/s. BARODA EQUIPMENT & VESSELS PVT. LTD
Block 241-243, Muval-Mobha Road, P.O. Muval
Taluka - Padra, Gujarat
Vadodara 391430

Dear Sirs,

Sub: Registration of Vendors with NPCIL

With reference to your letter for registration with NPC we are pleased to inform you that you have been registered as an approved supplier as per details given below:

Registration No.: VSR/1316

Registered as Manufacturer

For: **HEAT EXCHAGERS**

Design fabrication and machining of Pressure Vessels & Heat Exchangers (Shell and U Tube type) As per Annexure

You are registered for supply of items not exceeding ₹ 50 Lakhs against an individual order. However you may quote against tenders for items for which you are registered (Without any monetary limit).

PERIOD UPTO WHICH REGISTRATION IS VALID: 3 YEARS

Please note that this registration does not confer any particular rights on you and the Directorate of Contracts and Materials Management of Nuclear Power Corporation of India Ltd., is not obliged to contact you for any or all of the requirements for the items for which you have been registered. Further the registration will be liable for cancellation for a) non-fulfillment of contract obligation or b) any grounds, which in the opinion of the Executive Director, Directorate of Contracts & Materials Management, Nuclear Power Corporation of India Ltd., Mumbai render the retention of this registration undesirable in public interest.

If any change in the details like name, address, and product range etc., given earlier may please be communicated to us as and when arises.


Please ensure that fresh application is made indicating changes if any in the information furnished in the registration form, for renewal of your registration at least three months before expiry of validity period of registration certificate so that continuity will be maintained to contact you for our future requirements.

Yours faithfully,

(S.Y. Sheshappanavar)
ADDL. GENERAL MANAGER, C&MM

पंजीकृत कार्यालय : 16 वीं मंजिल, सेंटर - 1, वर्ल्ड ट्रेड सेंटर, कफ पार्क, कुलाबा, मुंबई - 400 005.
Regd. Office : 16th Floor, Centre - 1, World Trade Centre, Cuffe Parade, Colaba, Mumbai - 400 005.
Visit us at : www.npcil.org

Our Certifications



हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड
(सरकारी संचालित उद्योग) 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 : प. ओ. 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 - L23201MH1952GO1008858

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.



Toyo Engineering India Private Limited
CIN : U28900MH1981PTC025413
Registered Office : Toyo House, L.B.S. Marg,
Kanjurmarg (West), Mumbai - 400 078, INDIA
Tel : +91 22 2573 7000, Fax : +91 22 2573 7520 / 21
E-mail : in.contact@toyo-eng.com
Website : www.toyo-eng.com/in/

<Security Level-2>

REF: PUR/MV/STA/0057

DATE : 13th Sep.2022

M/s. Baroda Equipment and Vessels Pvt Ltd
Block 241-243, Muval-Mobha Rd
P.O. Muval, Ta-Padra, Vadodara,
Gujarat - 391430
Tel No : 02662-243099
Email : info@barodaequip.com

Kind Attn : **Mr. Lekshminarayanan S**
Subject : **Enlistment as an approved vendor with Toyo Engineering India Pvt. Ltd. (Toyo India)**

Dear Sir,

We refer to your request on the subject matter, and are pleased to inform you that you have been enlisted with Toyo India as an approved vendor for the items mentioned below.

Item Description	Material / Range	
Pressure Vessels	Material	Shell Thk.
	CS	Upto 30 mm
	SS	Upto 20 mm
Heat Exchanger	Material	Tube Sheet Thk.
	CS	Upto 75 mm
	SS	Upto 50 mm

This enlistment is valid for your works located at:

- Block 241-243, Muval-Mobha Rd., P.O. Muval, Ta-Padra, Vadodara-Gujarat- 391430

Please note that this enlistment is subject to satisfactory execution of orders, maintaining schedule & quality of above mentioned items in the event of an order for our ongoing / future projects.

Further it may be noted that any change in the following shall be intimated to us along with relevant documents.

- The product range
- Location of works / sales office
- Management / Organization structure
- New / Revalidation of ISO 9001 / ISO 45001 / ISO 14001 Certification

This enlistment is valid till **30/09/2025** subject to review on the basis of your performance. You shall send all the details three months in advance of the expiry date for Toyo India's review for renewal of enlistment.



Please note, the enlistment shall not bind Toyo India for sending enquiries / placement of orders, as also, Toyo India retains the right to review and cancel your enlistment without assigning any reasons.

Thanking you,

Yours faithfully,

For TOYO ENGINEERING INDIA PRIVATE LIMITED

HEMANT M. KUDTARKAR
Division Head - Procurement

Toyo Technology Centre: 71, Kanjur Village Road, Kanjurmarg (E), Mumbai - 400 042.
Tel : +91 22 2573 5000, Fax : +91 22 2573 5842
Delhi Office: 214, Splendor Forum, Jasola District Centre, Near Apollo Hospital, New Delhi - 110025.
Phone : 011-4059-1240, Fax : 011-4059-1246, Email : in.delhi@toyo-eng.com

Design Capability

- Mechanical Design- PVElite, spread sheets
- Thermal design- HTRI & ASPEN, tie up with design associates
- Detailed engg & drafting using Autocad 2015
- CNC Profile Cutting- Messer Omniwin
- CNC Machining –SolidEdge, Mastercam
- Piping and structural design & analysis
- FEA, Fatigue Analysis, Stress Analysis

Office Facilities

- Dedicated LAN Server with anti-virus, firewall and multi layer internet security
- 70+ network stations on LAN, all with LCD monitors
- 20 KVA Li-ion UPS Back up for entire LAN
- Network Printer-Flatbed Scanner-Photocopier Station (Konica Minolta), 3 network printers
- 20 Mbps leased line for internet

Our Machinery



Plate Bending Rolls

Schafer, Germany, Capacity 1,500 tons,

3.2 M wide x 85 mm thick_(cold), Hot rolling capable

Our Machinery

Vertical Plate Bending Rolls

Hugh Smith UK

Capacity 300 tons

32 mm thick (max)

3 M wide



Our Machinery

Hydraulic Guillotine

Pearson UK

20 mm thk x 3 M (W)



Hydraulic Press Brake

Pearson UK

20 mm thk x 3 M (W)



Our Machinery

CNC 3 Axis Vertical Machining Centre

Hartford, Taiwan

X/Y/Z = 3050 x 2100 x 780 mm, BT50 Spindle @ 6000 rpm; Thru Coolant @ 70 bar; 20 tools ATC; Chip conveyor; Right angle milling head



Our Machinery

4 Axis Horizontal Boring Machine

Wotan B130S, Germany

X/Y/W/Z = 2300/1850/2000/850
mm, DRO in all axes

130 mm Spindle, 18 KW Power



Our Machinery

CNC Profile Cutter

Plasma + Oxy Gas, Messer

3.1 M (W) x 14 M (L)

200mm MS, 38mm SS



Screw Compressor, 55 KW

300 CFM @ 7.5 bar

With refrigerant air drier and 5 CuM Air Receiver



Our Machinery

Universal Steel Worker

Radial Drill

Kingsland, UK

MAS V063

Cap 160 T, 300x300 mm 2.3 M boom x 80 mm



Our Machinery

Semi Automatic Bandsaw

Amada HA400, Japan

Cap: 406 x 406 mm



CNC Bandsaw

Bigstone CF530HMB

Taiwan



Our Machinery

Gap Bed Centre Lathe

Colchester Mascot 1600, UK
432 mm swing o/bed
216 mm ht of centres, 2.032 M admit



Harrison M500
533 mm swing o/bed
254 mm ht of centres x 1.5 M
admit



Our Machinery

500 Ton Hydraulic Press



Width between columns 3.4 M
Max Height of work piece 3.5 M
Power pack & controls from
Enerpac, USA

30 Ton Mechanical Press



With motorised decoiler, pneumatic
feeder and progressive tooling for
making plate fins

Our Machinery

Grit Blasting Room

- Size 16 M (L) x 8 M (W) x 5 M (H)
- With automatic abrasive recovery - recycling - dispensing systems and dust collection system
- Hodge Clemco, UK



Our Machinery

- Portable Air Compressor, 22 CFM @ 12 bar with air drier
- Cut off Saw - Bosch, Germany
- Broach Cutter cum Drill with magnetic base, 65 mm
- Broach Cutter cum Drill with magnetic base, 80 mm rev spindle with tapping attachment
- Pug Cutters with Oxy torches, Esab
- Portable Grinders, Bosch, 7" and 5"
- Portable Plate Edge Beveling Machine, 6-80 mm

Our Machinery

- Welding Oscillator with travelling carriage and suction pads BugO Speedweaver for GTAW / FCAW
- Tube beveling, chamfering, facing machine 28 to 76 mm, ID mounted
- Tube Expander with digital torque controller & electric drive - up to 2½"
- Thread Cutting Machine, ½" to 2"
- Hydraulic Punch, ø 24 mm hole on 16 mm thk steel
- Hydro Test Chart Recorder – 250 bar
- Hydro Test Pump - 600 bar, 30 HP

Our Machinery

- Blast Pot, 200 lit with blast guns, air filters, dead man's handle etc.
- Glass Bead Blasting Cabinet for small SS items with automatic bead recovery, recycling and dust collector
- Airless Spray Painting Machine, Graco, USA 60:1 with all accessories
- Paint Mixer, pneumatic

Our Machinery

- SAW Power Source, Lincoln DC1000 NA-5 Digital, capacity 1000 Amps with wire feeder, flux recovery system etc.
- SAW Power Source, Memco 1000A, with tractor mounted welding head, flux dispenser, recovery unit etc.
- FCAW Machines, Thyristor based, 400 A, Inverter based, 500A
- SMAW + GTAW Machines, 400 A, with water cooled torches and HF Units
- Inverter based GMAW Machines, 400 A

Our Machinery

- Inverter based GTAW Machines, 200A & 500A with air cooled torches and HF Units
- Electrode Baking Oven & Holding Oven
- Flux Baking Ovens
- Portable Electrode Quivers
- Segregated area for SS / exotic welding
- Oscillating Tig, carriage mounted with suction pads
- Tig welding jig for tube to tube sheet welding
- Humidity controlled room for storage of electrodes

Our Machinery

- Column and Boom, Mogora, 4M x 7M
- Welding Rotators, Bode, UK capacity 100 Ton, 50Ton, 30 Ton, 15 Ton, 10 Ton
- Welding Positioners with 3 jaw chucks, Bode, UK, capacity 3 Ton and 1.5 Ton
- Welding Positioner with Column and Boom, A&N Plant, UK, capacity 1 Ton
- Hydraulic Jack with pump, 100 Ton, 50 Ton, 25 Ton
- Jig for semi automatic GTAW and FCAW welding

Measuring & Testing Instruments

- Verniers, micrometers, straight edges
- Welding Gauges, Thread / Pitch / Depth Gauges
- Digital Clamp Meter
- UT Thickness Gauge
- MPI Prods Type 2000 A machine
- MPI AC/DC Yoke
- Fluorescent Light for MPI/DP
- Densitometer, Film Viewer, Lux Meter, Dark Room
- DFT Gauge, WFT Gauge, Surface Profile Gauge
- Whirling Hygrometer, Holiday Tester, Adhesion Tester

Our Management System

Seamless ERP System, based on MS DOT NET platform with Back end SQL Server 2008

Contracts, Materials, Purchase, Quality Control, Doc Control, Finance, Personnel and Payroll Modules implemented, in use

Digital storage of documents

Production Planning module being developed

Manpower

Directors / General Managers	5
Managers	8
Engineers, Officers, Executives	30
Supervisors / Foremen	8
Technicians / Semi Skilled Workmen	150
Less Skilled / Unskilled Workmen	50
Other support staff	7

This does not include manpower on the payrolls of subcontractors and agencies

Our Registrations

CIN No.: U29119GJ2007PTC052047

GSTIN No: 24AADCB2731P1ZN

Permanent Account No: AADCB2731P

Import Export Code No. 3408001995

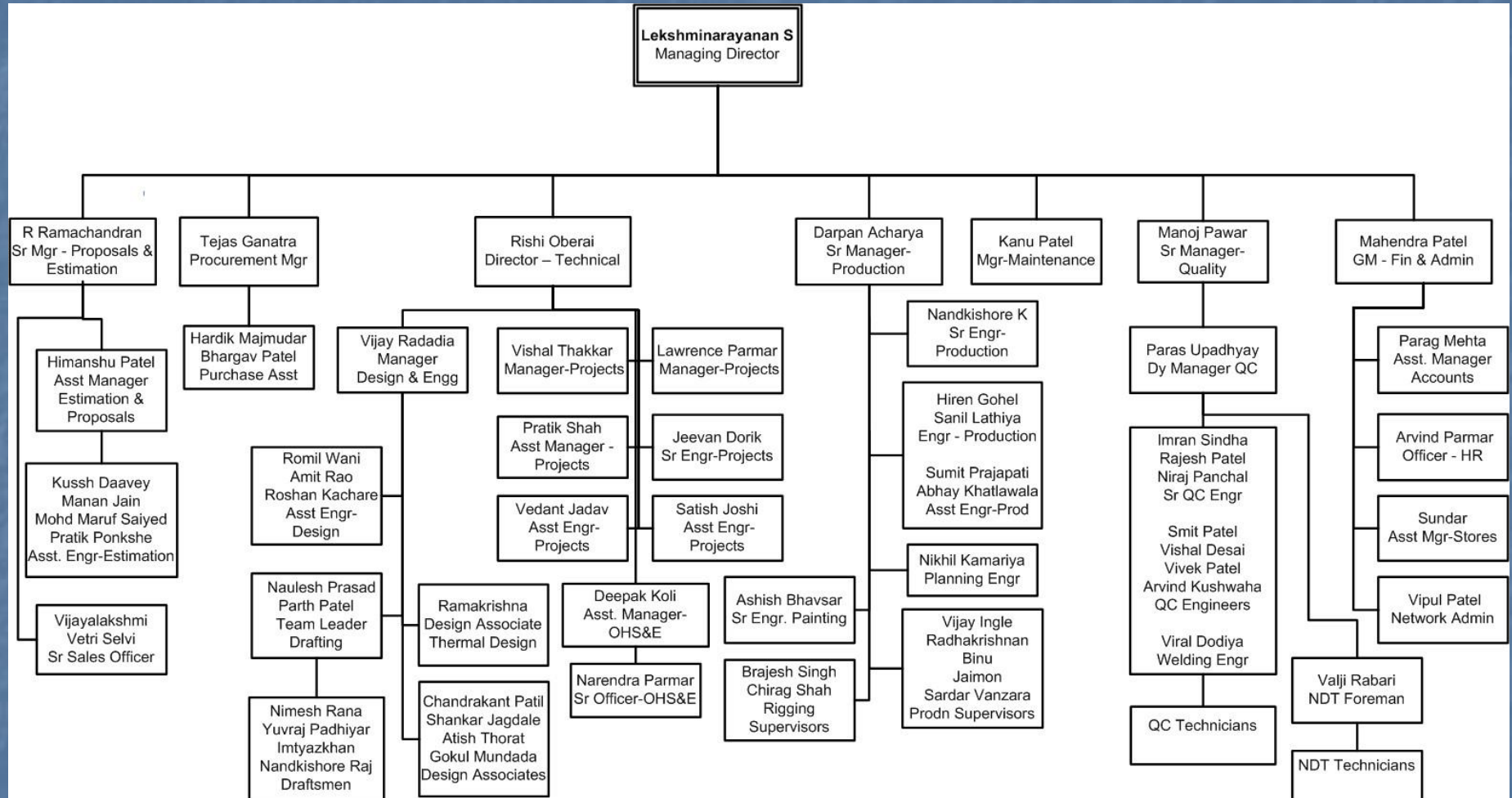
PF Regn. – GJ/BRD/65938

ESI Regn. –

Factory License No. 3531

GPCB Consent to Operate No. 77886

Organisation Chart



Why BEV?

- Capability of its management team to understand customer requirements and address them in a timely and cost effective manner
- Team's experience and background in working with global clients and onerous Owner standards
- Ensuring its products are code compliant in every respect through all stages - design, engineering, manufacturing processes, in-process quality control, testing and certification

Why BEV?

- A comprehensive quality management system certified compliant to ISO 9001: 2015 UKAS accredited system
- A comprehensive OH&S management system certified compliant to ISO 45001: 2018
- A comprehensive environment management system certified compliant to ISO 14001: 2015
- Limited or zero dependence on local subcontractors ensuring product quality, traceability and adherence to agreed delivery schedules

Why BEV?

- Intensive training and acculturation
- First class infrastructure all under one roof
- Global work culture and ethos
- Strong financial capability

Our Clients

Aarti Industries
ABB
Access Petrotec Pty Ltd
Air Liquide
Air Products
Albemarle Corporation, USA
Albermarle Lithium
AMT Enviraclean
Archean Chemical Industries
Areva Solar
Balmer Lawrie
BHEL
BMA, Germany
Bodal Chemicals
Burckhardt Compression
Burmeister Wein Energy
Carborundum Universal
CIR s.a, Uruguay
Daniel Measurement
Dept of Atomic Energy
Dr. M Filter Technology
Dynatech
Engineers India Limited
Enter Engineering
Filter Concept

Fives India
FLSmidth
GNFC
GSFC
Gulbrandsen Chemicals
Howden Air & Gas
Howden Australia
Howden BC Compressors
Howden Thomassen
Compressors
Howden Australia Pty Ltd
Indian Oil Corp
Intech Organic
Jordan Bromine Company
Jord International
Kirloskar
Kribhco
Larsen & Toubro
Linde
Lanxess, Germany
L&T ECC-ITER
L&T Howden
L&T Hydrocarbon Engg
Luwa India

Peroni Pumps
PI Industries
PT South Pacific Viscose
Procter & Gamble
Qatar Kentz
Raj Orgochem
Rolls Royce
Sandvik Asia
Satyesh Brinechem
Siemens / Dresser Rand
SRF
Sud-Chemie
Steri Technologies
Thermax
Toshiba JSW power Systems
Trident Pneumatics
UOP (Honeywell)
Voith Hydro Pvt. Ltd.

(In alphabetical order)

Jobs Completed

Client / Owner:

Albemarle Corporation, Pasadena, Texas, USA

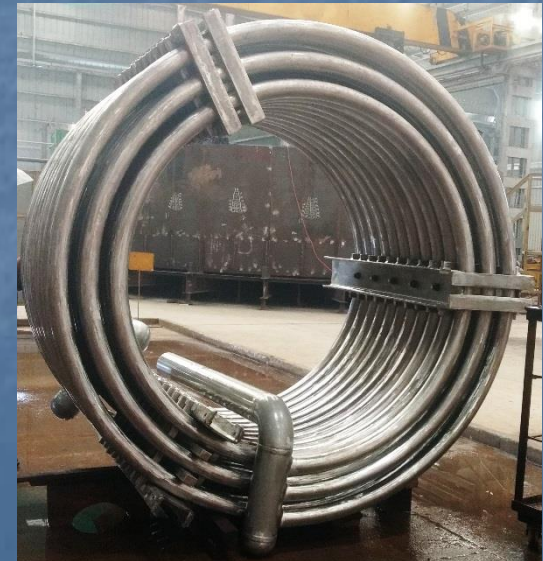
Scope:

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



Jobs Completed

Scope:

Design, detailed engineering, procurement, fabrication, testing and pickling / passivation of Duplex SS Nickel Reduction Autoclaves to AS 1210

Client:

Access Petrotec Pty Ltd

Owner:

BHP Billiton, Kwinana Nickel Refinery, Australia

Description:

2.3 M ID x 40thk, T/T 8.4 M, O/L 9.6 M, ASTM A240 UNS31803, design pressure 42 bar, weight 32.5 MT, Qty 2 no.



Jobs Completed

Scope:

Design, detailed engineering, procurement, fabrication, testing and pickling / passivation of Duplex / SS Glycerine Distillation Column to ASME Sec VIII Div 1 with CUTR 032/2013 certification

Client:

Air Liquide

Owner:

Delfin Group: 200 TPD
Biodiesel Glycerin Distillation
Plant, Moscow, Russia

Description:

3.9 M ID x 10 thk, T/T 25.8 M, O/L 29.4 M, ASME SA 240 UNS S32205 / SA 240 Gr 304L,
Weight 44 MT, Qty 1no.



Jobs Completed

Scope:

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



Client / Owner:

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

Jobs Completed



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:

FLSmith Minerals Pvt. Ltd.

Owner / Project:

Utkal Alumina International

TPI: Uhde / Jacobs



Jobs Completed

Scope:

Mechanical 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 Gr 70; Lead Lined; 'U' designated ;
Tare Weight ~ 7,000 Kg; Frame: 20 ft ISO 1496 Class III ; Qty 40 Nos



Jobs Completed



Scope:

Design, detailed engineering, procurement, fabrication, testing, 'U' stamping, painting and process cleaning of Molecular Sieve Adsorbers, Direct Contact After Cooler and Chilled Water Tower in acc with ASME Sec VIII Div. 1



Client:

Air Products UK

Owner:

Kansanshi Copper Smelter Project,
Solwezi, Zambia

Size:

2 No. Molecular Sieve Adsorbers, 4.6 M ID x 12.1 M T/T, 14.5 M O/A, 70 Tons each
1 No. Direct Contact After Cooler, 4.0 M ID x 24 M T/T, 29.25 M O/A, 66 Tons
1 No. Chilled Water Tower, 5.0 M ID x 14.5 M O/A, 30 Tons

Jobs Completed

Scope:

Design, procurement, manufacturing, testing, Code Stamping, certification to PED 97/23/EC (CE marking under Module H1) and delivery of 2 no. Molecular Sieve Adsorbers to ASME Sec VIII Div 1 for Prism ON300 plant, AGC Glass Europe, Teplitz, Czech Republic



Client:

Air Products,
UK

Description:

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

Jobs Completed

Scope:

Procurement of materials, fabrication, testing ,painting and delivery of 2 Sets of Incinerator shells to ASME Sec VIII Div 1 for Linde for Reliance Industries Ltd. J – 3 Project, Jamnagar, India

Client:

Thermax Limited

Description:

5240 ID x 16 thk x L 19600 mm

SA 516 Gr 70 N; Overall Height

6500 mm; Weight 70 MT,

Qty : 2 Nos



Jobs Completed

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



Jobs Completed



Scope:

Procurement, Fabrication &
Testing & CE marking of
Monotherm Furnace

Client:

ALD Vacuum Technologies

Design to AD 2000

Merkblatt, certification to
PED 97/23/EC

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 Gr70,

Jobs Completed

Scope:

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



Client:

Rolls Royce Power Engg. PLC, UK

Owner:

OMV (Yemen Block S2)

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.

Jobs Completed



Scope:

Design, procurement, fabrication, testing and delivery of Catalytic Reduction Reactor for hydrogen rich gas to ASME Sec VIII Div 1

Client / Owner:

Sud-Chemie India Pvt. Ltd.

Description:

1600 ID x 5800 mm ht O/A, SS 304 H, 12 thk,
Design pr 7.5 bar (g) / FV

Jobs Completed



Scope:

Design, detailed engineering, procurement, fabrication, testing and delivery of SS Reactor for hydrogen rich gas to ASME Sec VIII Div 1

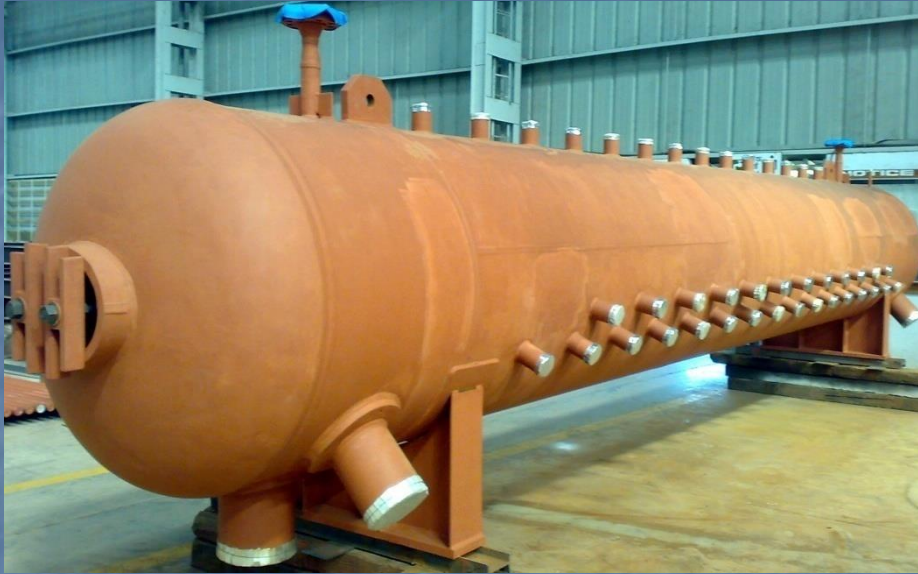
Client / Owner:

Carborundum Universal, Kochi, India

Description:

Dia 1.8 M x O/A 4.1 M, thk 25 / 28 mm, SS 316L with internal heating coils, baffles, external limpet coils etc.

Jobs Completed



Scope:

Design, detailed engineering, procurement, fabrication, testing with partial 'S' stamp of Steam Drum and Water Wall Panels in acc with ASME Sec I

Drum: OD 1300 x 8400 mm T/T, 45 / 60 mm thk, SA 516 Gr 70, Nozzles NPS 3 - 54 No. Other sizes - 12 No., stress relieved, hydro tested at 109 bar, 15 MT

Water Wall Panels:

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

Client:

CIR Sociedad Anonima



Jobs Completed



Description:

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.

Scope:

Design, detailed engineering, procurement, fabrication, testing with partial 'S' stamp of Steam Drum in acc with ASME Sec I

Client:

CIR sa, Uruguay



Jobs Completed

Scope:

Design, detailed engineering, procurement, fabrication, testing and hot insulation of Deaerator and Feed Water Tank for 15 Tons / Hr boiler to ASME Sec VIII Div 1

Description:

Feed Tank: 1600 OD x 5920 T/T, SA 516 Gr 70

Deaerator: 700 OD x 1107 O/A ht, SS304

Client / Owner:

Saudi Salt Refinery Works, Jeddah, Saudi Arabia



Jobs Completed

Scope:

Design, detailed engineering, procurement, fabrication, testing of 1 off SS 316L and 2 off CS Shell & Tube Heat Exchangers for H₂S/CS₂ service, all to GB 151: 1999

Description:

ID 800 x 5968 mm L, SS316L for all parts

ID 600 x 4364 mm L, SA 516 Gr 70 / SA 266 / SA 179

ID 500 x 3810 mm L, SA 516 Gr 70 / SA 266 / SA 179

Client:

PT South Pacific

Viscose, Indonesia



Jobs Completed

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

Jobs Completed

Scope:

Design (mech & thermal), detailed engineering, procurement, manufacturing, certification, Code Stamping and delivery of Process Gas Coolers to ASME Sec VIII Div 1

Client:

Howden BC Compressors, France

Owner:

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

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.



Jobs Completed

Scope:

Design (mech & thermal), detailed engineering, procurement, manufacturing, certification, Code Stamping and delivery of Lub Oil Coolers to ASME Sec VIII Div 1

Client:

Howden BC Compressors, France

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.



Owner:

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



Jobs Completed

Scope:

Detailed engineering, procurement, fabrication, testing and delivery of 12 No. SS316L and 9 No. CS Columns to ASME Sec VIII Div 1

Client:
SRF Ltd.

Description:
12 SS 316 L Columns
9 CS (SA 516 Gr 70) Columns
Including one for lethal service



Jobs Completed

Scope:

Procurement, fabrication, testing, painting and delivery of Process Gas, Interconnecting, Lub Oil and Condensate Piping for Kribhco 1 & 2, Rengali 1, 2, & 3, Meramandali

Client:

Siemens Ltd.

Description:

5,707 Dia Inch of circ seam welds

140 M of long seam welds

45 MT weight total

190 spools

60 hydro tests



Jobs Completed

Scope:

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

Client / Owner: PI Industries

Description:

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

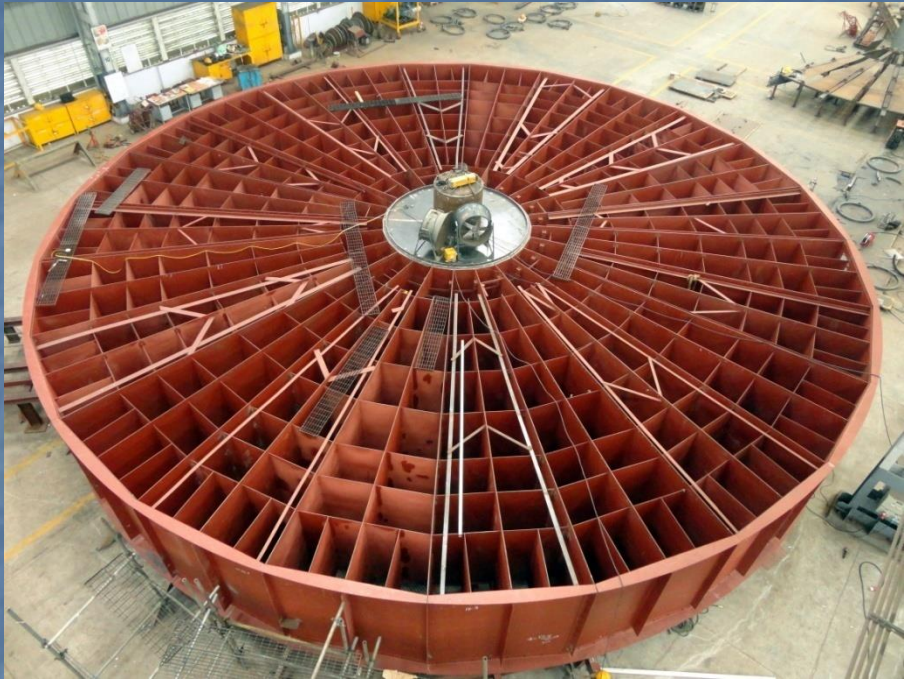
50 KL Tanks for Methanol, Toluene & Sulph Acid, 3.6M(D) x 5.25M(H)– 3 No.

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



Jobs Completed



Scope:

Procurement, Fabrication, Trial Assembly, Painting & Delivery of Rotor Section of Air Preheaters based on design by James Howden, UK for 2x600 MW Jaypee Nigerie

Description:

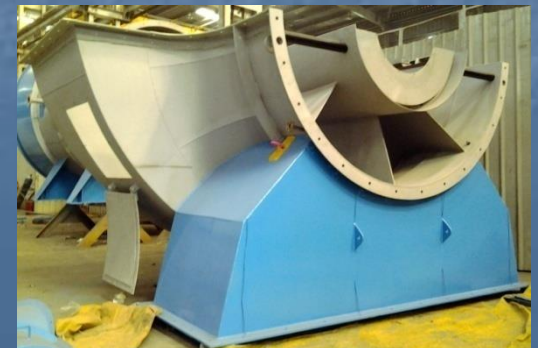
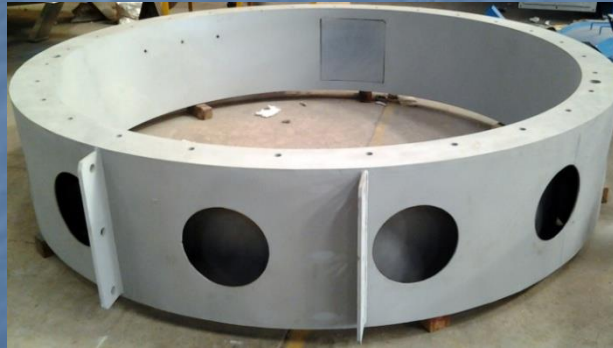
16.26 M Diameter x 3.95/2.24 M Height, IS 2062 Gr B, 96 Tons weight

Jobs Completed



Scope:

Procurement, fabrication, trial assembly and painting of 2 sets of Static Parts of Variable Pitch Axial FD Fans for 2 x 600 MW Jaypee Nigerie Power Project



Client :

Howden Air & Gas India,
Based on design by Howden Denmark

Jobs Completed



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



Jobs Completed

Scope:

Procurement, fabrication and painting of After Burner and Cyclone

Client : Jord International

Owner: Shree Renuka
Sugar Industries

Description:

After Burner:

IS 2062 Gr B / SS 310 / SS 304

6 / 8 mm; Max Dia 2.5 M, Length 17.3 M

Weight 7 MT

Cyclone:

SA 572 Gr 50, 6 mm, Max Dia 2.2 M, Length
8.5 M, Weight 2.34 MT



Jobs Completed

Scope:

Procurement, fabrication and painting of Multi Hearth Furnace Shell

Client : Jord International

Owner: Shree Renuka Sugar Industries

Description:

Shell OD 4.36 M x 8.7 M (L) x 8 mm thk

Overall height 13.9 M, Weight 19 MT



Jobs Completed



Scope:

Procurement, fabrication, testing and painting of Double Wall Combustors 2 No.

Client:

FLSmidth Pvt. Ltd.

Owner:

TISCO, Jamshedpur

Description:

Dia 3900 x L 8500 mm IS 2062 Gr B; Inner shell 10 mm, Outer 3 mm; Weight 20 MT. Outer shell air leak tested



Jobs Completed

Scope:

Engineering, Procurement, Fabrication, assembly, testing and painting of Hydroprime HC300 330 NM3/Hr Hydrogen Plant on skids to Hydro-Chem / Linde design including all insulation, E&I etc.

Client:

Linde India

Owner:

Jindal Steel & Water, India

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



Jobs Completed

Scope:

Fabrication, assembly, testing and painting of Gas Filtration, Pressure Reduction & Metering Skids

Client:

Daniel Measurement Solutions

Owner:

Gas Authority of India Ltd (GAIL)

Description:

Pipe sizes ½" to 10", CS, total dia inch 3215, 5 skids, max size 18 x 2.1 M



Jobs Completed

Scope:

Procurement, fabrication, assembly, testing and painting of PSA Piping & Valve Skid for 4B PSA Hydrogen Package. Including all E&I, insulation and function testing

Description:

Pipe sizes 1/2" to 6", CS, SS316L, total dia inch 1526, skid length 18 M



Client:

UOP India (Honeywell)

Owner:

Brahmaputra Crackers & Polymers Ltd.