



MEENAKSHI ASSOCIATES (P) LTD

**Welcome to the world of  
Meenakshi Associates Pvt. Ltd.**

Customer First

Quality First

Technology First



**We create a vision, articulate the vision, passionately own the vision,  
and  
relentlessly drive it to completion**

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PRODUCT CATALOGUE

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## THE COMPANY IN BRIEF

MEENAKSHI ASSOCIATES (P) LTD (MAPL) an authorized ASME “U” stamp & “R” stamp certified company. Also an ISO 9001-2008 accredited and ISO 14001-2004 environmental management system certified company. A veteran in the fabrication industry with its inception in the year 1986, launched manufacturing of process equipments at B-8, Site-‘C’ Surajpur Industrial area, Greater Noida, Distt. Gautam Budh Nagar (U.P) situated at a distance of 25 kilometer from New Delhi, The ‘Capital of INDIA’.

One of the Largest & fully equipped Engineering unit suitable for DESIGN-MANUFACTURING OF HEAT EXCHANGERS, PRESSURE VESSELS, COLUMN, STORAGE TANKS, CONTAINERS FOR LIQUIFIED GASES AND STRUCTURES ACCORDING TO VARIOUS NATIONAL AND INTERNATIONAL STANDARDS.







## PRODUCTS:

Equipment	Material of Construction
HEAT EXCHANGERS	Stainless Steel of All Grades
PRESSURE-VESSELS	Carbon Steel of All Grades
COLUMNS	Low Alloy Steel
TOWERS	High Alloy Steels
REACTORS	Non Ferrous Materials
SEPARATORS	Admerlity Brass
FILTERS	Cladding of SS 316L, SS 347
CONDENSERS	SS 304, SS 410, INCONEL 825
DEAERATORS	INCONEL 625, MONEL
SULPHUR PIT COILS	Duplex Stainless Steel etc

- TUBE SHEET DRILLING CAPACITY 250MM ON CNC DRILLING MACHINE.
- PLATE ROLLING CAPACITY 70 MM.
- HANDLING CAPACITY 250 M.T (SINGLE EQUIPMENT)
- PIPE INLAY MACHINE TO CARRY OUT WELD INLAY IN SIDE 2" DIA PIPE. FOR CLAD STEEL NOZZLES.
- DIFFERENT BAY'S FOR STAINLESS STEEL CARBON STEEL & ALLOY STEEL FABRICATION.





## ENGINEERING CAPABILITIES

- Capable to carry out finite element analysis (FEA) using Ansys software
- Thermal Design of Shell & Tube Type Heat Exchanger using XIST OF H.T.R.I.
- Mech. Design using PV Elite and Compress Software.
- Fatigue analysis for Temperature & Pressure cycling loading.
- Design Codes:

ASME SECTION II PART A, B, C, D.

ASME SECTION VIII DIVISION I & II.

ASME SECTION V.

ASME SECTION IX.

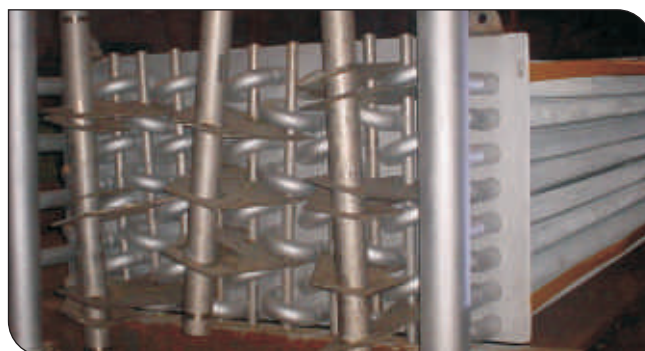
A D MERCK BLATTER.

PD - 5500

TEMA

INDIAN BOILER REGULATION.

INDIAN STANDARD - 2825.



## QUALITY POLICY:

**We at MEENAKSHI ASSOCIATES (P) LTD. GREATER NOIDA, are committed for complying to the requirements of ISO 9001:2008 & continually improve the effectiveness of our quality management system.**

**We shall strive for customers delight by-**

- **Providing value for money including aesthetic looks and safety in our products.**
- **Innovatively and systematically improving their quality.**
- **Improving delivery time.**
- **The policy shall be achieved through adoption of PDCA cycle in all our processes.**

**It's been almost 20 years, we came in to existence. The Industry has been changed since then. The Industry has grown. Markets have become very competitive. We have grown with The Demands and the Expectations.**

**In view of the expectations with the changed times, we at MEENAKSHI, believe in meeting the expectations of clients and continuously aspire to serve you better through our services.**

**Our basic objective is to provide Quality Products - Timely Delivery - Outstanding Customer Services & ever lasting relation-ships.**

# LIQUIFIED GAS CONTAINERS

MEENAKSHI - One of the Largest Manufacturer of Containers for following Liquified Gases.- (TON CONTAINERS).

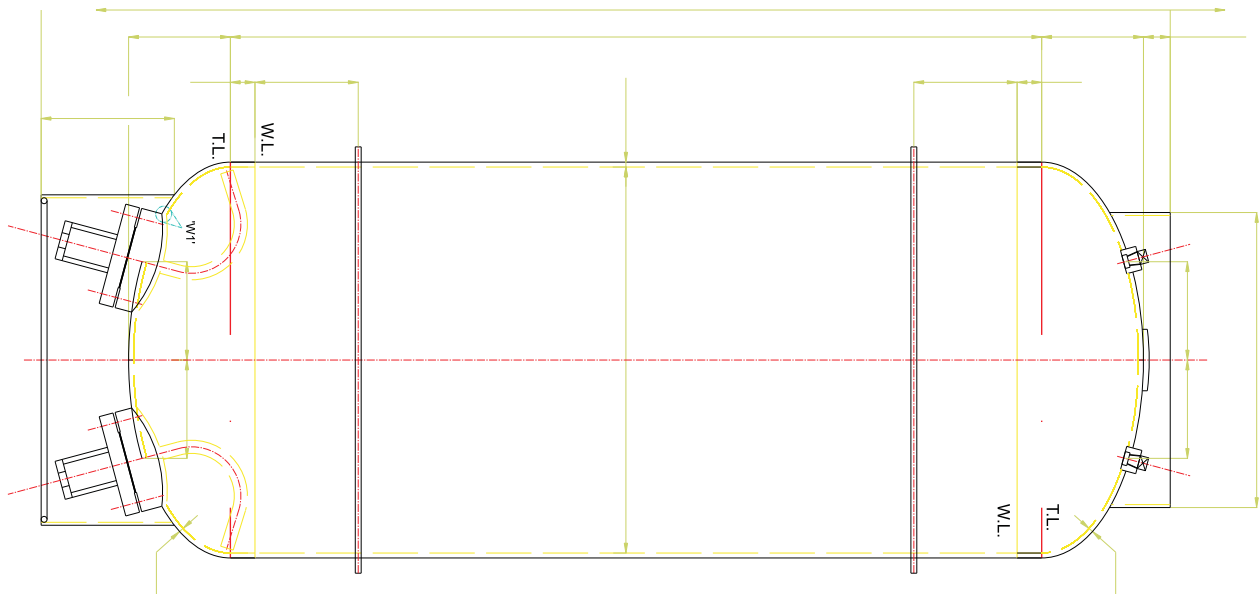
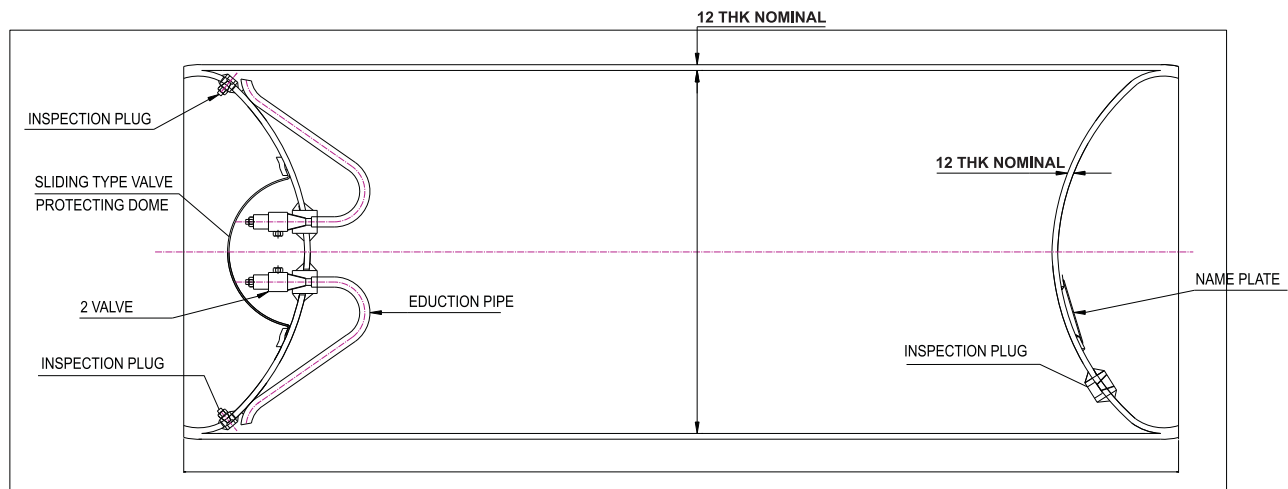
Chlorine, Ammonia, Sulphur dioxide, Di-Methyl amine, Methyl bromide, Methyl chloride, Methyl amine, Mono Methyl amine etc.

Refrigerant gases such as

R-12; R-22; R-134A, R-404A, R-407C; R-11; Hexa-Fluoropropylene (HFP) etc.

Design approved by Lloyds Register Asia as well by Chief Controller of Explosives (NAGPUR).

Proto Type Testing - Drop Test & Burst Test carried out in presence of Lloyds Surveyor & Chief Controller of Explosives Surveyor.



## VISION:

TO REACH OUT GLOBALLY, EXPANDING DOMESTIC MARKET BY PROVIDING QUALITY PRODUCTS, UPDATING TECHNOLOGY AND ACHIEVE PHENOMENAL BUSINESS GROWTH.







## MEENAKSHI'S MANUFACTURING CAPABILITIES

- Plate Rolling Machines upto 70 MM Thickness.
- C.N.C. Drilling machine for drilling upto 250 MM Thick Heat Exchanger Tube Sheets.
- Hydraulic Presses upto 1000 tons capacity.
- Stress Relieving System with internal firing for large Dia Vessels.
- Column & Boom with 6M X 7M capacity with ROTATORS upto 120 Metric Tons fixed on Rails for fast production.
- Molten Metal Spraying system suitable for metallizing of Equipments.
- Weld In-lay machine for carrying out welding inside Pipes of minimum 50 mm Pipe Diameter for Nozzles for Cladded Vessels.
- Height of shed below Crane Hook 7.0 Meters.
- More than 65000 sq.ft area in fabrication bays.
- Handling Facilities upto 250 metric Tons.
- Captive Power D.G. Sets 180 KVA, 140 KVA, 125 KVA & 63 KVA.

## PARTIAL LIST OF LEADING THIRD PARTY APPROVAL

- ENGINEERS INDIA LTD. (EIL)
- TOYO ENGINEERING INDIA LTD.
- UDHE INDIA LTD.
- FOSTER WHEELER LTD.
- JACOBS ENGINEERING INDIA PVT LTD.
- DEVELOPMENT ENGINEERING & CONSULTANT LTD. (DEC)
- TATA CONSULTING ENGINEERS LTD. (TCE)
- MECON LIMITED.
- AKER POWER GAS LTD.
- TECNIMONT ICB
- TECHNIP ICTI
- NUCLEAR POWER CORPORATION INDIA LTD. (NPCIL)
- PROJECTS & DEVELOPMENT INDIA LTD. (PDIL)
- CERTIFICATION ENGINEERS INTERNATIONAL LTD. (CEIL)
- LLOYD'S REGISTER ASIA. (LRA)
- DET NORSKE VERITAS INDIA LTD. (DNV)
- T.U.V INDIA PVT LTD.
- INDIAN BOILER REGULATIONS. (IBR)
- INDIAN REGISTER OF SHIPPING. (IRS)
- BAX COUNSEL INSPECTION BUREAU (P) LTD.
- BUREAU VERITAS INSPECTION SERVICES. (BVIS)

Our works is recognized by Chief Controller of Explosives - NAGPUR.



## Certificate of Registration

This certificate has been awarded to:  
**Meenakshi Associates (P) Ltd.**  
B-5, Site-C, Surajpur Industrial Area, Greater Noida, Gautam Budh Nagar, U.P., India

In recognition of the organization's Quality System which complies with:  
**ISO 9001:2008**

The scope of activities covered by this certificate is defined below:  
**Design, Manufacture & Supply of Pressure Vessels, Heat Exchangers, Storage Tanks, Columns, Towers, Separators, Filters, Condensers, Chlorine Containers, Reactors & Structures.**

Certificate Number: 11/14/0001/14/01  
Date of Issue: 01 April 2009  
Date of Review: 01 April 2009  
Issue No: 1  
Valid Until: 01 April 2012



Engineers India Limited  
(A Govt. of India Undertaking)  
Hq. Office - Engineers India Bhavan, 1, DDA Flats, New Delhi-110006  
Procurement Development Department

Ref: 4904PCORE-AM05 07 August, 2010

Mrs. Meenakshi Associates Pvt. Ltd.  
C-43, Sector - 20  
Noida - 201301, U.P.

Subject: Registration and Enhancement of Enrollment with G.I.

Dear Sirs,

We refer to your application on subject matter and are pleased to inform that your enrollment with G.I. has been revalidated and enhanced for the items as described below:

Item Description	Material / Range	Remarks
Pressure Vessels	SS, 2000psi, 2000psi, 2000psi	Enhanced New item added
Heat Exchangers	SS, 2000psi, 2000psi, 2000psi	Enhanced New item added
Storage Tanks	SS, 2000psi, 2000psi, 2000psi	Enhanced New item added

(This enrollment is valid for your works located at B-5, Site-C, Surajpur Industrial Area, Greater Noida, Dist. Gautam Budh Nagar - U.P.)

Please note that this enrollment is subject to satisfactory execution of orders in delivery and quality of 100% mentioned items when ordered for up various projects.

Further, it may be noted that any change in the product range, manufacturing & testing facilities, location of Works/Office, Management/Operational structure etc. shall be intimated to G.I. immediately along with relevant document for our necessary action. In case, information to any of the above referred changes is not intimated timely, our enquiries may not reach you and your enrollment with us is liable to be cancelled. Enforcement with G.I. shall not guarantee any regular flow of enquiries.

The validity of this ENROLLMENT is upto 31<sup>st</sup> June 2012.

You are intimated to apply for revalidation 'on-line' 6 months before expiry of the enrollment. Detailed procedure for revalidation can be seen on our website: [www.gicentralindia.com](http://www.gicentralindia.com)

Thanking you,

Very truly yours,  
*(Signature)*  
Additional General Manager  
Procurement Development Department

Enrollment No: 4904PCORE-AM05  
Valid Until: 31/06/2012  
Valid From: 01/04/2009

SHARAT PETROLEUM CORPORATION LTD.  
27 September 2010

Mrs. Meenakshi Associates Pvt. Ltd.  
B-5, Site-C, Surajpur Industrial Area,  
Greater Noida, Dist. G. B. Nagar,  
Uttar Pradesh - 201305.

Subject: Sub-Module Registration

This has reference to your letter ref. 'MEENAKSHI/100' dated 1<sup>st</sup> April 2010 requesting us for registration and an approved vendor. We are pleased to advise you that we have registered you as an approved vendor. As stated below:

Item Description	Material	Remarks
Pressure Vessels & Storage Tanks	SS/SSW	Up to 40 mm thickness and up to 2000 psi
Heat Exchangers	SS/SSW	Up to 40 mm thickness and up to 2000 psi

Please note that:

- Your Vendor Code No. is 120001, which must be referred to in all your future correspondence.
- Registration does not necessarily bind us for awarding Enquiries/Placement of Orders to you, which is at the sole discretion of BPC.
- Continuation of registration is subject to satisfactory execution of the Orders by you with respect to Delivery, Quality of the job and other terms and conditions.
- Any change in the product line, company constitution, Management / Operational Structure/Address, Location of the Works, etc. shall be immediately intimated to BPC.
- In case you do not respond to our "Request for Quotation" for three consecutive times, your registration is liable for cancellation.

Please sign and return the duplicate copy of this letter as acknowledgement and acceptance of this letter for our records.

Yours faithfully,  
The SHARAT PETROLEUM CORPORATION LIMITED  
S. K. MURALI  
CHIEF MANAGER (P & CS)



## Certificate of Registration

This certificate has been awarded to:  
**Meenakshi Associates (P) Ltd.**  
B-5, Site-C, Surajpur Industrial Area, Greater Noida, Dist. Gautam Budh Nagar, U.P., India

In recognition of the organization's Environmental Management System which complies with:  
**ISO 14001:2004**

The scope of activities covered by this certificate is defined below:  
**Design, Manufacture & Supply of Pressure Vessels, Heat Exchangers, Storage Tanks, Columns, Towers, Separators, Filters, Condensers, Chlorine Containers, Reactors & Structures.**

Certificate Number: 11/14/0001/14/01  
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## Udde India

Mrs. Meenakshi Associates (P) Ltd.  
C-43, Sector - 20  
Noida - 201301, U.P.

Subject: Sub-Module Registration

Based on the Shop Assessment carried out by Mr. S. K. Murali on 10/09/2010, we are pleased to inform you that you have been approved as a vendor for the following:

Pressure Vessels / Columns: SS/SSW, Up to 40 mm thickness and up to 2000 psi

Heat Exchangers: SS/SSW, Up to 40 mm thickness and up to 2000 psi

We note that this approval is based on the information provided by you and our assessment of your facilities, etc. It is not a guarantee of performance. We reserve the right to conduct further inspection at any time. If you are not satisfied with the results of the inspection, you may request a re-inspection. If you are not satisfied with the results of the re-inspection, you may request a final inspection. If you are not satisfied with the results of the final inspection, you may request a final inspection. If you are not satisfied with the results of the final inspection, you may request a final inspection.

This certificate is valid for 2 years and is subject to renewal. Your enrollment shall be cancelled if you fail to maintain the required standards for the duration of the certificate.

Very truly yours,  
S. K. Murali  
Additional General Manager  
Procurement Development Department

RECEIVED  
18 SEP 2010  
Noida

## THE NATIONAL BOILER & PRESSURE VESSEL

## Certificate of Authorization

This is to certify that:  
**MEENAKSHI ASSOCIATES (P) LTD.**  
B-5, Site-C, SURAJPUR INDUSTRIAL AREA,  
GREATER NOIDA DIST. GAUTAM BUDH NAGAR,  
UTTAR PRADESH - 201305  
INDIA

is authorized to supply the "B-5" class and register boiler, pressure vessels, etc. under present existing laws with the National Board of Boiler and Pressure Vessel Inspectors.

The scope of authorization is limited to the following:

Boiler: Up to 1000 psi and up to 1000 psi

Pressure Vessels: Up to 1000 psi and up to 1000 psi

Heat Exchangers: Up to 1000 psi and up to 1000 psi

Storage Tanks: Up to 1000 psi and up to 1000 psi

Columns: Up to 1000 psi and up to 1000 psi

Towers: Up to 1000 psi and up to 1000 psi

Separators: Up to 1000 psi and up to 1000 psi

Filters: Up to 1000 psi and up to 1000 psi

Condensers: Up to 1000 psi and up to 1000 psi

Chlorine Containers: Up to 1000 psi and up to 1000 psi

Reactors: Up to 1000 psi and up to 1000 psi

Structures: Up to 1000 psi and up to 1000 psi

Very truly yours,  
S. K. Murali  
Additional General Manager  
Procurement Development Department

Certificate Number: 11/14/0001/14/01  
Date of Issue: 01 April 2009  
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This certificate certifies the named company as authorized to use the indicate the American Society of Mechanical Engineers (ASME) for the scope of work below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the Code symbol and the authority granted by this Code. Authorization is subject to the provisions of the agreement set forth in the Any construction stamped with this symbol shall have been built strictly with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:  
**Meenakshi Associates (P) Ltd.**  
B-5, Site-C, Surajpur Industrial Area  
Greater Noida  
Gautam Budh Nagar  
Uttar Pradesh, 201305  
India

SCOPE:  
**Manufacture of pressure vessels at the above location and for the above location (This authorization does not cover imp)**

AUTHORIZED:  
EXPIRES: January 6, 2010  
January 6, 2013  
CERTIFICATE NUMBER: 39,221

*(Signature)*  
Vice President  
Conformity Assessment  
*(Signature)*  
Director, Accreditation and



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B-5, Site-C, SURAJPUR INDUSTRIAL AREA,  
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Chlorine Containers: Up to 1000 psi and up to 1000 psi

Reactors: Up to 1000 psi and up to 1000 psi

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S. K. Murali  
Additional General Manager  
Procurement Development Department

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Valid Until: 01 April 2012





## **Meenakshi Associates (P).Ltd.**

**Corporate Office :**  
**C-83, Sector -30, Noida -201301**

**Works :**  
**B-8, Site C, Surajpur Industrial Area,**  
**Greater Noida,**  
**Distt- Gautam Budh Nagar(U.P.), India**  
**Phones : +91-120-2560315/316,**  
**Fax : +91-120-2560217,**  
**Mob : +91-9560552298**  
**Email Id : [info@meenakshiassociates.com](mailto:info@meenakshiassociates.com)**  
**Website : [www.meeankshiassocistes.com](http://www.meeankshiassocistes.com)**