

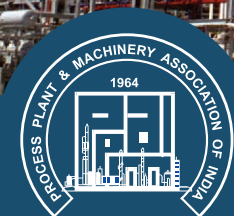
INNOVATION

GLOBAL EXPOSURE

GO GREEN

STRATEGIC SOURCING

DEVELOPING HUMAN CAPITAL

**PPMAI**PROCESS PLANT & MACHINERY
ASSOCIATION OF INDIA**Head Office:**

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Mumbai – 400 009, Maharashtra, INDIA.

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Process Plant & Machinery Association of India (PPMAI)

An association of engineering companies that provide Systems, Equipment & Services in establishing Process Plants.

Mission

To work towards realising the growth of Indian Process Plant & Machinery Industry of becoming preferred supplier of systems, equipment and services to global process industry.

Vision

PPMAI strives to be the leading industry association that relentlessly pursues excellence by:

- Speaking with one strong, credible voice on behalf of the Process Plant and Machinery Industry
- Leading the industry and focusing its energies on issues and opportunities
- Having a sense of urgency in responding to members' needs and requirements, thus providing them with a significant competitive advantage
- Ensuring value through quality, performance, achievement of results and enhancements of the industry's image
- Providing an environment which encourages staff development, team spirit and mutual respect
- Embracing change and innovation

Value

- Interface with Govt. and media in order to present the perspectives of the engineering and process plant manufacturing services offered by its members.
- Promote and encourage members through presentation and awards for their achievements.
- Networking with International bodies with a view to gain better visibility of its members in overseas market / industries.
- Convene meeting and discussions to evaluate policies having direct or indirect bearing on the business of the members. Make suggestion / communication to the Govt. / policy makers on the issues and concerns.
- Sponsor and participate in events, workshop /seminars, exhibition, delegation and promotional activities related to members business.
- Conduct training programs for members to update and improve the technical and managerial skills

Establishment

PPMAI was established on March 31, 1964. It is a "not for profit" organisation incorporated under the relevant Indian Laws.



Membership Profile

PPMAI draws its membership from the following types of companies, all serving the Process Industry.

- **Process equipment manufacturing companies and fabricators**
These companies manufacture plant equipment and machinery like heat exchangers, pressure vessels, towers, tanks, reactors, pumps, valves, centrifuges
- **Manufactures of components for process equipment**
These companies produce components like pipe, pipe fittings, flanges, tower internals, tower packing, fasteners.
- **Turnkey process packages & utility packages suppliers**
These companies provide process packages including utility packages like steam generation, waste water treatment, sulphuric acid plant, granular making plant
- **Design, Engineering & Project Management Consultants**
These companies do the basic engineering and provide project management & construction supervision
- **Engineering, procurement & Construction (EPC) Contractors**
These companies offer Turn Key services with or without process technology, for the whole or a part of the plant
- **Inspection and Quality Assurance Agencies**
These companies offer quality assurance services & inspection during manufacturing, construction and commissioning stages.
- **NDT, Heat Treatment & other service providers**
These companies provide allied services for production of process plants

Indian Process Plant & Machinery Industry

India having 3.28 million square kilometers land mass and 1.41 billion population is one of the fastest growing economy in the world.

Indian Process Plant and Machinery (PPM) industry which has estimated output of US\$7.00 Billions per annum has made significant contribution in establishing the Indian Process Industry by providing Design, Engineering, Project Management, Equipment, Construction & Maintenance Services. It has built world's largest grass root refinery with 33MTPA capacity, seven gas cracker complexes with down stream facility producing 17 MTPA plastics and polymers, 46 MTPA of Fertilizers and fast growing Pharmaceutical Industry.

The PPM industry, which has developed all round skills with ingenuity in the former Closed Economy, has now become Globally Competitive in new the liberalised environment in India. It has exported its systems, equipment & services to almost every part of the Globe, but more particularly to Middle East, South East Asia & Africa. It is now exporting to developed Countries in North America & Europe.

Each sector of PPM industry has its special features and attributes described in the following.

Process Equipment manufacturing companies & fabricators and Manufacturers of components for process equipment.

The Indian process equipment & fabrication sector has solid foundation of over 50 years of experience and has contributed significantly to development of Indian Process Industry. The sector has large companies employing over 2000 persons. It also has a vibrant SMEs specialising in specific equipment or providing support products to the larger companies.

It designs and manufactures wide variety of equipment like regenerator, hydro-treaters, hydro-crackers, tubular reactors, towers, columns, shell & tube heat exchangers, plate type exchangers, finned tube exchangers, pressure vessels, centrifuges, furnaces, boilers. It is capable of manufacturing very large equipment like a regenerator 1200 Tonnes in weight or tower over 100 Meter long. It can shape plates over 225mm thick. It supplies skid mounted systems and modular plants.

It uses all kinds of materials of construction like alloy steel, aluminium, other non ferrous metals, plastics, FRP and so on. Lined equipment and piping (rubber, polymer & thermoplastics) is also manufactured in India.

The industry is supported by competent component suppliers that manufacture pipes, pipe fittings, fasteners, tower internals and so on.



Engineering, Procurement & Construction (EPC) Sector

The Indian EPC & LSTK contractors offer very wide range of EPC services at a very competitive costs. Many companies from the aforementioned EPCM sector also offer EPC Contracts. On the other hand there are several Indian companies with large manufacturing facilities offer such services.

The EPC services offered cover processes for industries like Oil & Gas, Refining, Chemical & Petrochemical, Polymer & Synthetics, Rubber, Fertilizer, Bulk drug & Pharmaceuticals. Many companies specialise in associated areas like environment protection, steam generation, water treatment, effluent treatment, waste heat recovery captive power plants, co-generation power plants, heating & cooling solutions and so on.

Most India Based companies also export EPC services to Middle East, South East Asia & African Countries.



Inspection and Quality Assurance Sector

This service sector of the industry ensures quality of the products as well as the services being delivered from the country meets the National, International and/or customer specifications. India has subsidiaries or representatives of the world-renowned certification and inspection agencies. These companies provide certification as per the norms globally followed by their counterparts all over the world. These are reputed local Indian companies, which also offer similar services. All the agencies, with local resources, provide the quality assurance services including design appraisal, in the workshops as well as construction sites.

The companies have rich experience and expertise, which they have acquired in the last four decades in the Indian environment as well as in other countries.

Design, Engineering & Project Management (EPCM) Sector

This sector of industry consists of large consultancy firms employing between five hundred to over two thousand persons and capable of managing mega projects like refineries & petrochemical complexes. It also has smaller companies focused on specialised areas like specific product range, environment control & protection, sub-systems and plant utilities. The sector has International as well as Indian companies capable of providing over 30 million engineering man-hours per year.

Indian strength in software needs no introduction. The Indian companies use the latest internationally known design software as well as 3D plant engineering tools. The companies also use indigenously developed software modules for specific applications. The companies have effective communication apparatus for data transfers. The companies offer services for:

Pre-investment & feasibility studies, Environmental impact studies, Basic engineering & design, detailed engineering, in process, mechanical, piping, electrical, instrumentation, architectural & civil works, procurement services, construction management, project management & commissioning assistance.

Activities of PPMAI

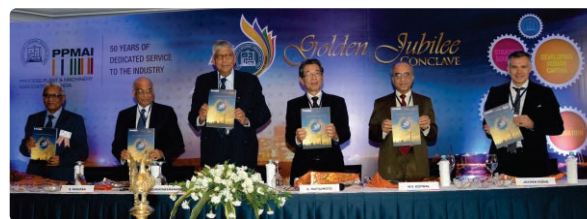
- Organising networking meetings amongst the members and with other interested parties.
- Organising and promoting seminars, workshops & training towards member's self improvement and for providing information
- Creating awareness about the capabilities and strengths Indian Process Plant & Machinery Industry globally, to enhance its export potential by buyer-seller meetings.
- Promoting, sponsoring & participating in exhibitions & trade relevant to the industry.
- Making representations to various Government, Taxation Authorities and other statutory bodies to resolve the common problems faced by the members.
- Providing relevant information to foreign organisations in Process Plant & Machinery sector, wanting to form joint ventures with similar Indian companies and acting as a facilitator between the two organisations.
- Holding events like "Meet the Vendor" programme to strengthen the supply chain of the members.
- Establish liaison with various Industrial and Trade Organizations for promoting Process Plant & Machinery Industries interests.
- Establishing liaison with Association of customers of Process Plant & Machinery and providing information to members on marketing opportunities in those sectors. Liaison with National & International, Government & Non Government Agencies like CBI Netherlands, CII, FICCI, ITPO, EEPC, Exim Bank, Development Bankers of various regions, Commercial Attaches of Indian Missions abroad & Foreign Missions in India.
- Establishing liaison with Codes & Standards organisation and organising relevant programmes on the subject.
- PPMAI also publishes PPMAI e-speak thrice a month with international tender information and other useful information for members.



Golden Jubilee CONCLAVE



Held on Saturday, November 29th 2014, | at "The Leela Mumbai" Andheri - Kurla Road, Sahar, Andheri East, Mumbai 400059



50th AGM

Friday, 20th Sept. 2014



48th AGM

Friday, 28th Sept. 2012

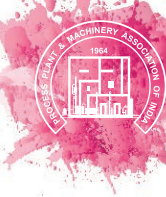


Workshop on ASME BOILER AND PRESSURE VESSEL CODE ASME SECTION VIII DIVN.2 at Hotel Orchid, near airport, Vile Parle, Mumbai – 400 099.



49th AGM

Friday, 27th Sept. 2013





Training program on **KEY INSPECTION ASPECTS OF PRESSURE EQUIPMENT** at Hotel Rang Sharda, Bandra (W), Mumbai - 50.



Workshop on **SERVICE TAX** at Hotel Rang Sharda, Mumbai



Training program on **THEORY OF CONSTRAINTS** by the founder, RAMI GOLDRATT at Hotel Savera, Chennai



Two days workshop on **PRESSURE VESSELS AND HEAT EXCHANGER DESIGN & INSPECTION** at the conference room of AKER SOLUTIONS, Mumbai



Workshop on **WELDING OF LOW ALLOY CHROME-MOLY STEELS** at The Application Technology Centre, VOESTALPINE BOHLER WELDING INDIA PVT. LTD., Thane



Workshop on **STAINLESS STEEL WELDING** at Hotel Rang Sharda, Bandra Reclamation, Bandra West, Mumbai - 400 050.



Services provided to Members

- Providing a platform for members to interact closely with each other to arrive at solutions to common problems and to make a joint effort to benefit from emerging opportunities.
- Contributing to member's efforts in self-improvement by organising and promoting seminars, workshops and training.
- Administer special projects towards capability building, capacity building and business development for small & medium scale members with the support Government and other Developmental Funding Agencies.
- Collecting and providing information to the members of various developments taking place within India and abroad in the field of Technology, Management, Commerce & other related subjects.
- Providing exposure to members for business development by promoting, sponsoring & participating in exhibitions & trade events relevant to the industry.
- Publishing quarterly Bulletin to support all the above activities and publishing White Papers on important topics from time to time.
- Providing information on areas of interest to members like new projects in India & Abroad, Country information, changes in statutory regulations, taxation, logistics, raw material, National & international exhibitions, Important Seminars & Meets and so on by periodic communication over email.
- Provide information on codes & standards and assist members in funding accrediting efforts through Government & Developmental agencies.



Exhibitions promoted by PPMAI



ChemproTech
International exhibition on chemical processing, technology, equipment and supplies.



ACHEMA
International exhibition Congress on chemical engineering, environmental protection and biotechnology.



Chemical Process Plant & Machinery (Middle East Exhibition)
An international track event serving the chemical, petrochemical and other related Industries.



India Chem
Is one of the largest composite events of the industry in the AsiaPacific region and comprises of an International Conference and Exhibition.



PROMACH
Exhibition on process plant and machinery

PPMAI participation in **ACHEMA 2015**
on June 15th-19th, 2015, at Frankfurt, Germany



PPMAI participation in **CHEMPROTECH 2013**
on June 11th-12th, 2013, at Bombay Exhibition Centre, NSE Grounds, Goregaon, Mumbai



Services provided to Non-Members

- Providing member capability & interest information.
- Providing platform to promote products and services through "meet the vendor" programmes and through advertisement in bulletin.
- Providing information and facilitating discussions for joint venture and other partnership proposals
- Organising network and Buyer-Seller Meeting.

The PPMAI Journal

PPMAI speak

The Bi-monthly Bulletin of

Process Plant and Machinery Association of India



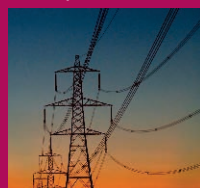
The PPMAI Newsletter

PPMAI Newsletter



Management

Process Plant & Machinery Association of India (PPMAI) is managed by the Board of Directors which is elected by its members during the Annual General Meeting of the Association. The Board then elects a Chairman and two Dy. Chairmen from amongst the elected Directors. The term of the Board is for a period of one year.



Affiliations

Confederation of Indian Industry
The Mantosh Sondhi Centre
23 Institutional Area, Lodi Road
New Delhi 110 003.

Federation of Indian Chambers of
Commerce & Industry
Federation House
Tansen Marg
New Delhi 110001

Engineering Export Promotion Council
Centre 1, Floor 12, World Trade Centre,
Cuffe Parade
Mumbai 400 005.

Indian Chemical Council
Sir Vithaldas Chambers
16 Mumbai Samachar Marg
Mumbai 400 023.

Technology Export Development Organisation
Plot No 249-F, Sector 18, Udyog Vihar, Phase IV
Gurgaon 122 015 (Haryana).



Esteemed Members

- Aarvi Encon Pvt. Ltd
- Adani Ports And Special Economic Zone Limited
- Advance Paints Pvt. Ltd.
- Aero Engineers
- Aker Powergas Private Ltd
- Alfa Laval India Ltd
- Andritz Separation (India) Pvt. Ltd.
- Anjali Doors Pvt. Ltd.
- The Anup Engineering Limited
- Aspick Engineering Private Limited
- Avery India Limited,
- Bend-n-Fab Engineering Pvt. Ltd.
- Bertling Logistics India Pvt Ltd.,
- BGR Energy Systems Limited
- Blast Carboblocks Pvt. Ltd.
- Bozzler Energy Pvt. Ltd.
- Bureau Veritas India Pvt. Ltd.,
- Burckhardt Compression (India) Pvt. Ltd.
- Centec RRR Systems & Sensors P. Ltd
- Chemical Process Equipments Pvt Ltd
- Chemical Process Piping Pvt. Ltd
- Chemitek Process Equipments Pvt. Ltd.
- Chemtrols Industries Private Limited
- Chemtrols Samil India Pvt. Ltd
- CHW Forge Private Limited
- Clean Earth Energy Solution India Pvt. Ltd
- CNP Pumps India Private Limited
- Crestt Innotech Pvt. Ltd
- Crystal Industrial Syndicate Pvt. Ltd
- D. Parikh Engineering Works
- Dalal Engineering Private Limited
- De-dietrich Process Systems India Pvt. Ltd
- Dipesh Engineering Works
- Diva Envitec Pvt Ltd.
- Divine Tubes Pvt. Ltd.
- DKC International Solutions Llp
- DNV GI Business Assurance India Pvt. Ltd.
- Dynamic Valves Private Limited
- Dynaxcel Engineers Pvt. Ltd.
- Ekhojvalue Services Pvt. Ltd.
- Electronics Devices Worldwide Pvt. Ltd.
- EM Electro Mechanicals Pvt. Ltd.
- Endress + Hauser (I) Automation Instrumentation Pvt. Ltd.
- Evergreen Technologies Pvt. Ltd
- Expogas Containers Limited
- Express Global Logistics Private Limited
- Fab-tech Works & Constructions Private Ltd.
- Fainger Engineering
- Fertiplant Engg Co.pvt.ltd
- Fronius India Private Ltd.
- Furnace Fabrica (I) Ltd
- G. R. Engineering Private Ltd
- GDP Engineering Company
- Globe Forwarding Agencies Pvt. Ltd.
- GMM Pfaunder Limited
- Godrej & Boyce Mfg. Co. Ltd.
- Goodrich Gasket (P) Ltd
- Gujarat Infrapipes Pvt. Ltd.
- Honavar Electrodes Ltd
- Hottex Engineers Private Limited
- HRS Proces Systems Ltd
- Industeel India Llp.
- Ineos India Composites Llp.
- Innovative Engineers & Consultants
- Ion Exchange (India) Ltd
- Irclass Systems And Solutions Private Limited.
- Isgec Heavy Engineering Limited
- Jindal Stainless (Hisar) Limited
- Kaustubh Udyog (Orion Instruments)
- Key-tech Engineering Company
- Kilburn Engineering Ltd.
- Kwalty Process Equipments Pvt. Ltd.
- Larsen & Toubro Limited
- Lloyd Insulations (India) Limited
- Lloyd's Register Marine And Inspection Services India Llp
- Lloyds Steels Industries Ltd
- Madhavas Project Ventures Pvt. Ltd.
- Magnus Industrial Corporation
- Mahendra Dished Ends Private Limited
- Mark Consultancy
- Maruthi Engineering Corporation
- Mathesis Engineers Pvt. Ltd.
- MECh Engineers
- Metal Forgings Pvt. Ltd.
- Moji Engineering Systems Ltd
- MSS India Private Limited
- MTPI Products Pvt. Ltd.
- Munters India Humidity Control Private Limited
- New Multifab Engineers Private Ltd
- Nuberg Engineering Limited
- Omega Icehill Private Limited
- Oriental Manufacturers (P) Limited
- Oswal Metal Corporation
- Outokumpu India Private Limited
- Patel Packaging
- PGE Industries Pvt. Ltd.
- P-Mech Consultant Pvt. Ltd
- Positive Metering Pumps (I) Pvt. Ltd
- Praj Industries Ltd
- Precision Equipments (Chennai) P. Ltd
- Prime Advance Polishing Systems Pvt. Ltd.
- Raajratna Ventures Ltd.
- Rahul Engineering Global Private Limited
- Ratnamani Metals & Tubes Ltd
- Reliance Fabrications Private Ltd
- Remi Process Plant & Machinery
- Resistotech Industries Private Limited
- Ryka Engineering Solutions
- Sachin Industries Limited
- Sandvik Asia Pvt. Ltd.
- Sangir Plastics Pvt. Ltd.
- SEW Bizzol
- Shanti Metal Supply Corporation
- Shree Sidhivinayak Steel
- Shripal Metal Limited
- Silicon Steels
- Sree Venkateswara Engg. Corpn
- Sri Gurukrupa Technoventures Pvt. Ltd.
- Sulzer India Limited
- Suraj Limited
- System Engitech Pvt. Ltd.
- Tamhane Engineering Corporation
- Tecnimont Pvt. Ltd
- Tema India Limited
- Thermax Limited
- Thermotech Engineering (pune) Pvt. Ltd.
- thyssenkrupp Industrial Solutions (India) Pvt. Ltd.
- Titanium Equipment And Anode Mfg. Co. Ltd.
- TNBi Industries Pvt. Ltd.
- Toyo Engineering India Pvt. Ltd
- TPP Boilers Pvt. Ltd.
- Triplan India Pvt. Ltd.
- Tubacex Service Solutions India Private Limited
- TUV India Private Limited
- Uni-Mech Industries
- Vijay Tanks & Vessels
- Voestalpine Bohler Welding India Pvt Ltd
- Water Field Technologies Pvt. Ltd.
- Worley India Pvt Ltd.,
- Wte Infra Projects Pvt. Ltd.
- Zen Techno Engineering Pvt. Ltd.