

Supported by



Government of India
Ministries* of
Defence | Steel | Mines | Railways
Road Transport and Highways
Department of Science and Industrial Research
Commerce and Industry
New and Renewable Energy | Coal | Power



*requested



HTS-2018

INTERNATIONAL EXHIBITION & CONFERENCE ON
HEAT TREATMENT

27 | 28 | 29 SEPTEMBER 2018

CIDCO EXHIBITION CENTRE | NAVI MUMBAI | INDIA

Associates

Organised by



TAFCON

GLOBAL HEAT TREATMENT INDUSTRY

The Heat treatment industry has become a huge market all around the world.

Heat treatment is a combination of operations involving the heating, holding and cooling of metal in the solid state for the purpose of obtaining certain desirable metallurgical properties or surface modification.

Globally, a large number of different industries besides the automotive sector use heat treatment in their everyday processes –industries like heavy construction machinery, aerospace, mining, metalworking, and the tool and die sectors to name a few.

The heat treatment market only seems to be getting bigger and better. One of the greatest statistics regarding the heat treatment industry is that a majority of industry operators are smaller businesses that serve local and regional markets, and there are thousands of such companies that specialize in a particular segment of the industry, showing just how diverse and how much depth there is in this industry.

The global metal heat treatment market is forecast to grow at a CAGR of 6.16% during the period 2016-2020.

NEW TRENDS IN HEAT TREATMENT INDUSTRY

- An increasing number of furnace manufacturers.
- An increasing usage of vacuum heat treatment technology
- An increasing number of double and multi-chamber vacuum furnaces.



- Increasing digitalisation of the heat treatment operations.
- Globalization of heat treatment standards, procedures, processes and furnace designs.
- Replacement of furnaces and technologies that generate high CO2 pollution. Increasing importance of brazing, PM sintering and processes with shorten heat treatment cycle.
- Increasing the importance of Nano and Thermo/Chemical Surface Modification processes. Replacement and modification of quenching mediums – Nano quenchant, oil mist and vegetable oil.
- Growing influence of 3D Printing – Additive Manufacturing
- New Sources of Heat – Rotational Magnetic, Active Screen Plasma, Microwave, Laser and Infrared Heating.
- Increasing sizes of sealed quench furnaces and thus decreasing usage of ceramic fiber insulation.

GET INVOLVED IN THE BILLION DOLLAR INDUSTRY, THE HEAT TREAT INDUSTRY



THE EVENT

HTS 2018, will be three days Event of Exhibition and Conference for the Heat Treat Industry.

The Exhibition will provide a perfect platform for display and launches of new technologies and exhibits.

The Conference will be an exciting mix of technical programmes, keynote addresses, plenary sessions, educational and skill development forums.

The co – located Event on Material Engineering MET 2018 will add to the right mix of networking events and opportunities.

WHY PARTICIPATE ?

Trade fair activities reveals that trade fairs represent the marketing instrument with a wide-ranging and far-reaching impact:

- Out of all the marketing instruments available trade fairs offer by far the widest range of functions. This is where exhibitors can conduct business, cultivate their image, look for business partners and examine the market.
- Unlike internet research, print adverts, mailings, banners, e-mails, newsletters, flyers or catalogues, all of which offer only abstract impression, trade fairs showcase the product on display and offer a hands-on experience.
- Even the sophisticated services offered by the world of information technology cannot replace face-to-face meetings at trade fairs.
- The wealth of products the market has to offer is gradually increasing by time, and with so many choices available, involving complicated explanations, making a decision becomes more difficult.
- Experts agree that despite the cost of trade fair participation there is no other instrument that brings a company into contact with so many competent professionals over such a short period of time.
- Another advantage of trade fairs is the opportunity they offer to cultivate customer relations. Relations can be maintained by a brief conversation on the stand rather than by spending large amounts of time and money on travelling.

WHY INDIA ?

- India is on the threshold of major reforms and is poised to become the third-largest economy of the world by 2030. In the words of our Hon'ble Prime Minister, India offers the 3 'Ds' for business to thrive— democracy, demography and demand.
- The country is expected to rank amongst the world's top three manufacturing destinations by 2020.
- It has strong technical and engineering capabilities backed by top-notch scientific and technical institutes.
- The Government of India is developing Industrial Corridors as a global manufacturing and investment destination. The objective is to increase the share of manufacturing in the GDP of the country and to create smart sustainable cities where manufacturing will be the key economic driver.
- Also the Government has undertaken a number of steps to improve Ease of Doing Business in India.

INDIA is the market with high growth potential for heat treat operations.

Make sure you are there !



EXHIBITOR PROFILE

Encompass Companies dealing with Heat Treat Services, Technologies, Processes, Products, Equipment & other allied industries:

- Refractory and insulation materials
- Temperature measuring and control devices
- Process automation technology and equipment
- Metallographic, hardness and material testing equipment
- Heat treatment service providers
- Shot blasting and shot peening equipment
- Fixtures, radiant Tubes and tray suppliers
- Charging machines / quenching systems
- Heat Exchangers, radiators and cooling towers
- Industrial washing machines
- Continuous and batch type furnaces
- Controlled atmosphere furnaces
- Nitriding furnaces
- Vacuum Furnaces
- Laser hardening / heating equipment
- Induction hardening/heating equipment
- Cryogenic equipment
- Microwave heating
- Plasma nitriding
- Technology and equipment for surface treatments
- Flame hardening
- Gas generators and sensors
- Industrial gas suppliers
- Quenchants, fuel additives and Consumables
- Fire fighting and safety equipment
- Oil filtration equipment
- Burners and combustion equipment
- Modelling and simulation
- Calibration services
- In-situ heat treatment
- Forging Industry
- Foundry Industry
- Sponge Iron
- Tubes and Pipes
- Metal - Ferrous & Non-Ferrous
- Pig Iron

VISITOR PROFILE

Senior Management, Procurement professionals, R&D professionals, Engineers, Supervisors, and Technologists from the user industries as indicated below, the concerned Government organisations and departments, Students and Educationists.

User Industries (indicative and not exhaustive) :

- Automobile
- Ball and Roller Bearings
- General Engineering and infrastructure
- Fasteners and Hardware
- Machine Tools
- Hardware
- Chemical industry
- Electric power
- Electronic
- Steel
- Valves
- R&D Institutions
- Product and Service Users
- Heavy Fabrications
- Foundry Industry
- Forging Industry
- Technology Suppliers and technology Seekers
- Metal Components and Products
- Molds and Dies
- Metallurgical Industries
- Solar and renewable energy

➤ PARTICIPATE AS A :
SPONSOR | EXHIBITOR | DELEGATE | VISITOR

EVENT PROMOTION

- Direct Mailers
- Website and regular updates
- One – to – One Meetings
- Promoting the event at Trade shows and Conferences
- E- Newsletter / Press Releases
- Telecalling
- Road Shows and AV of the Event
- Promotion through Associations and Media Partners
- Print and Electronic Media
- Outdoor Publicity
- SMS and regular e-mailers
- Overseas Promotion :
 - o Promotion through the network of Events
 - o Overseas Associates – ASM International, Ohio, USA
 - o Through embassies of target countries
 - o Through our sales agents /organisations marketing in other countries

PARTICIPATION OPTIONS

OPTION-1

Bare / Raw Space (minimum 60 sqm.)

Exhibitors can adopt design of their choice with approval of the Organisers.

OPTION-2

Built-up Stall (minimum 12 sqm.)

It includes basic facilities like Wall Panels, Synthetic Carpet, Fascia in English (company name and stall no.), Table / Counter, Chairs, Spotlights, Stall Lightning, Electrical Socket, Waste bin.

Note: A few stalls of 6/9 sqm. will be available for micro and small enterprises.

Please Note, the applicable statutory GST are payable extra on all above charges



POST SHOW REPORT

These co-located International Exhibitions and Conferences on HEAT TREAT SHOW (HTS) and MATERIALS ENGINEERING TECHNOLOGY (MET), were held during October 12-14, 2016 at CIDCO Exhibition Centre, Vashi, Navi Mumbai.

The events were inaugurated by Mr. Manohar Parrikar, Hon'ble Defence Minister, Govt. of India. Sharing the Dais with him were the Padma Vibhushan Awardee – Dr. R.A. Mashelkar; CFO JSW Group - Mr. MVS Seshagiri Rao; President, ASM International - Mr. Jon D. Tirpak; Chairman Organizing committee - Mr. Pradeep Goyal and Organizing Secretary - Mr. Prem Kumar Aurora.

Mr. Manohar Parrikar, while doing the round of the Exhibition was very impressed with the content and the display of the exhibitors, and encouraged the participants to interact and make the most of this opportunity.

The exhibitions registered a substantial growth, from the last edition held in 2016, having participation of 206 exhibitors from leading private enterprises, Government departments, PSU's and SME's. The event had been widely promoted and recorded a footfall of 7436 visitors over the 3 days.

This included high profile CEO's, MD's of participating companies, senior government officials and other key personnels from the core and allied sectors.

GLIMPSES FROM 2016 EVENT



MAJOR SPONSORS 2016

Title Sponsor



Event Partner



Platinum Sponsor



Power Finance Corporation Limited
(A Govt. of India Undertaking)

Silver Sponsor



Bronze Sponsor



Visitor Registration Area



TESTIMONIALS 2016



Mr. Manohar Parrikar
Hon'ble Minister of Defence
Government of India

Excellent talent display.



Mr. M. V. S. Seshagiri Rao
Joint Managing Director
& Group CFO, JSW Steel Ltd.

The exhibition is of world class showing the prowess of India, and its innovative capabilities.



Dr. R. A. Mashelkar, Chancellor,
AcSIR, National Research
Professor, Chemical Engineering
& Process Development, National
Chemical Laboratory, CSIR & Director,
Reliance Industries Ltd.

Very proud to see this great Indian prowess, at these exhibitions.



Mr. Birender Singh
Hon'ble Minister of Steel
Government of India

Good to see remarkable advancement in Research and Development. And this is the way we move forward as a Strong Nation.



Mr. Hemant Kumar
Member (Rolling Stock)
Railway Board
Ministry of Railways,
Government of India

We all can mutually gain by knowing who are doing what in these sectors.



Mr. Ramachandran Tejavath
Special Representative to
Government of Telangana

Got the opportunity to witness various innovative and new products and technologies in Defence and infrastructure sectors. Best wishes to the Organisers.

VENUE

CIDCO EXHIBITION CENTRE
NAVI MUMBAI | INDIA

CIDCO Exhibition Centre is a modern, fully air-conditioned venue having Exhibition halls, Conference Auditorium and multiple seminar halls making it a most comprehensive complex for handling such events.

CIDCO Exhibition Centre is easy to reach from the centre of the city and the nearby Industrial hubs being 35 minutes' drive from airport, 15 minutes' drive from Panvel Railway Station and 5 minutes' walk from the Vashi Railway Station.



ORGANISED BY



ASM International - India Chapter established in the year 1979, is one of the most active chapters in the world. It organizes technical courses on subjects like Welding, Metallurgy for the Non-metallurgist, Metal Forming, Heat Treatment, Stainless Steels, Non-ferrous Metals, Thermal Spraying, etc; under the Continued Education Programme for engineers and technocrats. Other activities include Conferences, Workshops and Exhibitions on recent developments in Materials Processing, Material Application Engineering, Heat Treatment, Equipment, etc. at National and International levels.



TAFCON

TAFCON is a professionally managed company with over six decades of experience and expertise in organizing international trade fairs and conferences in India and Overseas, on various industry sectors namely Construction, Environment, Oil & Gas, Mineral & Metals, Mining, Paper, Poultry, Dairy & Food Technology, Packaging, Travel & Tourism, Education, Printing Machinery & allied industry etc.

ASSOCIATES



ASM international is the World's largest association of Metal Centric material engineers & scientists, dedicated to informing, educating & connecting the material community to solve problems & stimulate innovation around the world.



The roots of heat treating run deep within ASM International, as the society was founded Detroit in 1913 as The Steel Treaters Club. Over the decades, the society's technical scope (and its name) broadened from heat treating to metals to materials with the growth and expansion of membership interests.

A CO-LOCATED
SHOW MEANS
TWICE THE
NETWORKING
OPPORTUNITIES

THE CO-LOCATED EVENTS

MET-2018
&
HTS-2018

CONTACT

For Conference

ASM INTERNATIONAL, INDIA CHAPTER
6th Floor, Astron Apartment, Kadam Wadi
Mukund Nagar, Mumbai - 400059, India
Tel: +91-22-2837 8309

E-mail: asmi@vsnl.com | Website: www.asmindiachapter.org

For Exhibition

TAFCON PROJECTS (INDIA) PVT. LTD.
705, New Delhi House, 27 Barakhamba Road
New Delhi -110001, India

Tel: +91-11-4985 7777 (50 Lines) | Fax: +91-11-4985 7778

E-mail: htsexpo@tafcon.com | Website: www.tafcon.com