

# SteamTech<sup>®</sup> 2023

14TH NATIONAL CONFERENCE ON BOILER & STEAM SYSTEMS

JULY 15, 2023

J. B. AUDITORIUM,

AHMEDABAD MANAGEMENT ASSOCIATION, IIM-A ROAD, AHMEDABAD

ORGANISER

**SĀKET**  
PROJECTS LTD.

**THEME : Indian Boiler Story – Future Trends, Market & Technology**

- FOCUS :**
- Fuels, Combustion & Combustion Efficiency
  - New Age Boiler Design
  - Futuristic Technologies for Boiler Manufacture & Use
  - Drivers of Boiler Sector Growth
  - Green Technologies

**APPRECIATION AWARDS FOR  
SAFETY, INNOVATIONS, EFFICIENCY & PERFORMANCE**



SUPPORTED BY\*



Indian Boilers  
Manufacturer's  
Association



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Indian Drug  
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Gujarat State Board



Gujarat  
Paper Mills  
Association



Indian Agro &  
Recycled Paper Mills  
Association (GSC)



Vapi  
Industries  
Association



Sarigam  
Industries  
Association



Umargam  
Industries  
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Silvassa Industrial &  
Manufacturers  
Association

\*CONFIRMATION AWAITED



## The Boiler Market: Global and Local

The global industrial boilers market was valued at US\$ 15.31 billion in 2022 and is expected to reach over US\$ 23.5 billion by 2030, poised to grow at a noteworthy CAGR of 5.5% from 2022 to 2030.

- By product, the water-tube boiler segment has accounted 72% revenue share in 2022.
- The water-tube boiler segment is expected to grow at a CAGR of 5.2% from 2022 to 2030.
- The fire-tube segment is growing at a CAGR of around 4.4% through 2022 to 2030.
- By technology, the non-condensing industrial boilers market is anticipated to grow at a CAGR of 4.8% till 2030.

The boiler market in India is growing fast at a CAGR (Compounded Annual Growth Rate) of 24.53%, courtesy the ever-increasing energy requirement of the nation. The thermal power sector, i.e. – coal and gas-based generation are the key drivers of this growth of Indian boiler market. Other than them, it's the biomass power plants which drive the small segment boiler market.

The phenomenal growth of the boiler market of the nation is the result of some key driving factors which are

- Growing demand: The electrical energy demand for FY 2021–22 is expected to be at least 191 TWh, with a peak electric demand of 298 GW.
- Foreign participation
- Moving towards advanced technology: The indigenous players are setting up or expanding their super-critical boiler manufacturing capacity. On the ultra-super-critical technology section a pilot project is under consideration with the collaboration of IGCAR (Indira Gandhi Centre for Atomic Research), BHEL (Bharat Heavy Electricals Ltd.) and NTPC (National Thermal Power Corporation). Construction of the plant is expected to commence by 2018.
- Large opportunity size for: Green field projects during 12th & 13th FYP. Brown field projects in the form of renovation & modernisation, will create a big opportunity size, considering the aging power plants of India.
- Attractive Policy Support: 100% FDI (Foreign Direct Investment) is permitted. Significant numbers of SEZ (Special Economic Zone) have been approved. Import duties on Chinese equipment.

- Increasing FDI inflow: The FDI inflows to the segment grew at a CAGR of 28.5% amounting USD 3 billion during FY 2012-13.

## Industry Challenges

The power project developers in India usually face lots of problem due to the complex paper works, which requires 100 plus clearances from different agencies to set up a power plant.

In addition the availability of raw material, ie- coal & gas for the operations of these power plants have been a concern.

Besides these, the equipment manufacturers in India face problem associated with the availability of some key raw materials.

## New Technologies

Today's industrial companies are moving more of their manufacturing operations into automation and robotics — with new facilities and production lines designed to maximize space, as well as to reduce production time and labor costs. Newly emerging low NOx regulations are designed to reduce the harmful effects of Nitrogen Oxide (NOx) gases on the environment.

The Industrial Internet of Things (IIoT) has impacted virtually every industry around the world and the boiler industry is no exception. Many boilers now offer some form of Wi-Fi capability with the ability to control the unit from virtually anywhere through an internet connection. Companies will increasingly gain the ability to control and monitor their boiler from apps on their devices.

Remote monitoring provides an opportunity for users to be in control of their boiler 24 hours a day, even if they are not physically on-site. This technology has evolved over the years and today remote monitoring can be accomplished using any internet connected device.

New boilers will be built to a new 'hydrogen-ready' standard, which means they'll work with natural gas but can also be easily modified to run on 100% hydrogen. According to some industry estimates, these boilers should be available from 2023-2025

# SteamTech<sup>®</sup> 2023

14TH NATIONAL CONFERENCE ON BOILER & STEAM SYSTEMS

SAKET PROJECTS organizes National Conference on Indian Steam and Boiler Systems - STEAMTECH and exhibition - STEAMTECH Technology SHOW, annually since 2007. It has been recognized as one of the major platforms offering a national debate on the subjects of contemporary interest concerning steam and boiler industry.

In view of the importance of the industry, it is relevant to bring the Indian steam and boiler system including boiler and boiler equipment manufacturers, service providers, consultants and the users of steam and boiler systems to a common platform to discuss comprehensively and facilitate interactions on different topics. The 14th national conference - "STEAMTECH 2023" will be held during July 15, 2023 at J B Auditorium, Ahmedabad with the theme "Indian Boiler Story – Future Trends, Market & Technology".

## What can you expect from this conference?

Experts and leaders from Industries and Institutions as well as regulators from steam and boiler industry will provide latest and comprehensive knowledge through presentations on different topics, case studies, covering various aspects of steam and boiler system.

### Focus

- Fuels, Combustion & Combustion Efficiency
- New Age Boiler Design
- Futuristic Technologies for Boiler Manufacture & Use
- Drivers of Boiler Sector Growth
- Green Technologies

## APPRECIATION AWARDS FOR SAFETY, EFFICIENCY & PERFORMANCE

In order to recognise Operators, Engineers, Professionals and Organisations and to motivate them to improve SAFETY & PERFORMANCE OF STEAM AND BOILER SYSTEMS, "STEAMTECH 2023" is pleased to announce APPRECIATION AWARDS in different categories.



## How to participate?

**AS SPONSOR :** This will be an ideal platform for those who deal with this sector to promote their products and services. Various sponsorship options are available, each having specific promotional privileges. For more details see sponsorship matrix.

**AS ADVERTISER :** Conference Souvenir will be distributed during the conference. And hence, this will be a unique opportunity to promote products and services by releasing advertisement in this souvenir. Various advertisement options are available in advertisement booking form.

**AS DELEGATE :** To attend the conference, send the Delegate Registration Form, duly filled in, along-with Registration Fees.

**Who should participate?** Boiler Manufacturers » Water Treatment Plants » Boiler Utilities » Boiler Operation Contractors » Pollution Control Equipment Manufacture » Education / Research Institute » Consultancy » Supplier of Boiler related equipments » Thermic fluid Heaters » Steam / Water / Gauge / Instruments » Fuel (Liquid / Solid Fuels) / Fuel Additives Suppliers » Water Conditioning Equipments / Conditioners & Fuel Monitoring Instruments » DM Plants / Softeners » Boiler Plates / Tubes / Safety Valves / Boilers Sealings / Boiler Burners » Utility Contractor / Manager » Boiler & Other Auxiliaries Parts » Boiler Design / Development / Commissioning Consultancy » Regulatory Authorities





# SteamTech<sup>®</sup> 2022

13TH NATIONAL CONFERENCE ON BOILER & STEAM SYSTEMS

APRIL 9, 2022 • J. B. AUDITORIUM, AMA, AHMEDABAD

## EVENT REPORT

The 13th National conference on Boiler & Steam System - "STEAMTECH 2022" along with STEAM TECHNOLOGY SHOW was organized by SAKET PROJECTS LTD on April 9, 2022 at J.B. Auditorium, Ahmedabad management association, Ahmedabad with the theme "Steam & Boiler System: Importance of Safety, Performance & Cost Optimisation Post-Covid".

After a formal welcome by Conference Convenor Shri D L Pandya, in the Keynote Address, Shri Satyadeo Purohit, Director, Forbes Marshall, Pune highlighted the issues faced by industries related to skilled manpower in the boiler sector and stressed the importance of physical fitness for boiler operators.

Shri B. H. Patel, Director, Director of Boilers, Ahmedabad emphasised the Role and Services of the Director of the Boiler, Government of Gujarat. He said there are promising number of running boiler units and boiler component manufacturers in Gujarat. He explained the new developments in the certification of the boiler and also insisted to use certified boiler and organised training for boiler engineers and operators for up-gradation of their skills. He also talked about the safety aspects of boiler operation.

Guest of Honour Shri Amit Vyas, Managing Director, Amul Dairy, Anand shared the successful journey of Amul Dairy from its inception to the modern Avatar. He explained the entire steam utilisation process in Amul plant and specially highlighted the efforts for Energy conservation using Energy Audits. He also shared that heat recovery process is very critical in steam generation in the boiler system. He also shared that using various focused methods, the fuel consumption can be reduced to a large extent apart from reduction in specific energy consumption and water consumption in the plant, thus generating a positive impact on the incurring financial cost.

The conference was inaugurated by the dignitaries on the dias. Summing Up & Vote of Thanks was delivered by Shri Rohinton R. Engineer, Director, Industrial Boilers Ltd., Vapi.

The most exciting part was an announcement of appreciation awards.

There were three technical sessions on various subjects, during which various expert delivered speech and presentation. The event was a grand success with the participation of more than 350 delegates from the industry from all over India. Delegates represented small, medium and large-scale industries, Government, Research, Regulator and Academic Institutions. About 20 top experts and industry leaders from all over India made presentations.

Various companies showcased their products and services in conference souvenir. The visitors & delegates came from all over India. Not only through the presence throughout, but also an active interest of all the participants was seen, Threadbare debate of the subject by experts through Question – Answer at the end of each session. (this is not clear)

STEAMTECH' conference was very successful from all the aspects.



## SPEAKERS @ STEAMTECH 2022



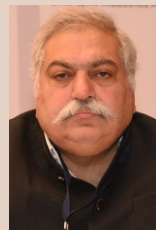
**Shri Amit Vyas**  
Managing Director  
Amul Dairy, Anand



**Shri B. H. Patel**  
Director, Director of Boiler  
Ahmedabad



**Shri Satyadeo Purohit**  
Director  
Forbes Marshall, Pune



**Shri Rohinton R. Engineer**  
Director  
Industrial Boilers Ltd., Vapi



**Shri Prem Bhagwat**  
Forbes Marshall  
Pune



**Shri Piyush Tiwari**  
ONGC Hazira



**Shri S. Sivakumar**  
Director, Sri Sai Power and Equipments  
Private Limited, Trichy



**Shri D. R. Mistry**  
Deputy Director of Boilers,  
Vadodara



**Dr. Utpal Pandya**  
Professor & Head,  
Instru. & Control Engg,  
SCET, Sarvajani Uni., Surat



**Shri Pratap Makwana**  
Forbes Marshall  
Pune



**Shri J. B. Suhag**  
Consultant  
TSJ Techno Power,  
Ahmedabad



**Shri Chetan Shah**  
Director, Hertz Testing  
And Training Centre,  
Ahmedabad



**Shri Rasik Dobaria**  
VP-Tech (Admin & Business  
Development, Lakhani Engineers  
and Organisation, Surat



**Shri Anindya Lahiri**  
Consultant  
A.T.E. Enterprises Private Limited,  
Pune



**Shri Bhavesh Vasiyani**  
Manager & Head (Energy Management,  
NDT and RLA Section) &  
Electrical Research & Development Association (ERDA), Vadodara



**Shri Macwan Robert Advin**  
Dy. Manager & Act. Head  
(NDT and RLA Section)  
(NDT and RLA Section)



## ORGANISERS



Saket Projects Limited is a multi-disciplinary company involved in creating interactive knowledge based platforms through various activities including publications, conferences as well as

exhibitions. The company, over a period of time, has developed strategic strengths and core competencies in the areas of information enhancement and service sector. In the process, it has carved out a niche in the diverse areas of Event Management (Conferences & Exhibitions), Technical Publications and Energy Management.

Since 2004, "SAKET" designs and develops conferences aimed at specific target audience to provide them strategic and timely information on policy initiatives, enhanced business processes, technologies, networking opportunity, shape of things to come etc., understanding the immediate business concerns of today's leading and budding executives. With a continued forward thinking approach, the company has successfully organized events on diverse themes with specialization in industry-specific events.

The Conferences have been actively participated by leaders of the respective sectors from India and abroad as : Speakers, Panel Experts, as well as Delegates.



Email us at: [saketevents@gmail.com](mailto:saketevents@gmail.com)  
or [mail@saketevents.com](mailto:mail@saketevents.com)

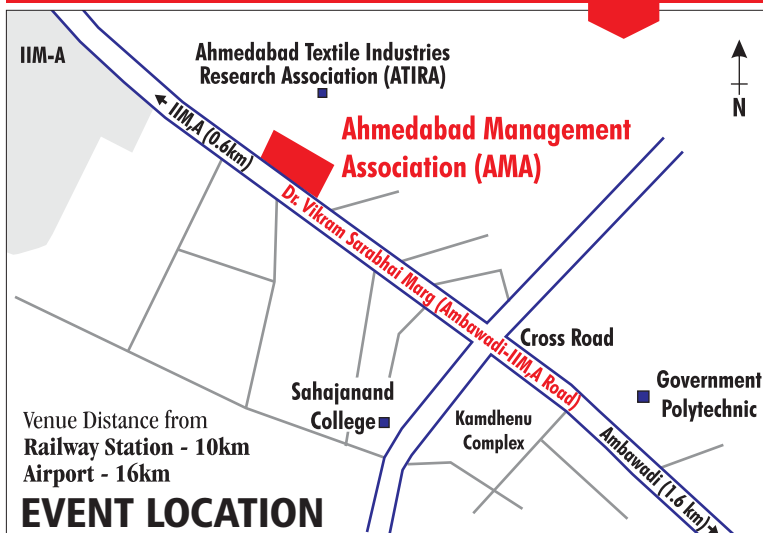


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### CONFERENCE VENUE

#### AHMEDABAD MANAGEMENT ASSOCIATION (AMA)



#### EVENT LOCATION

# SteamTech<sup>®</sup> 2023

14TH NATIONAL CONFERENCE ON BOILER & STEAM SYSTEMS

DATE : JULY 15, 2023 • TIME : 9.30AM TO 5.30 PM

VENUE : J. B. AUDITORIUM, AMA, AHMEDABAD

## DELEGATE REGISTRATION FORM

### Delegate Registration Fee

₹ 1500/-\* Per Delegate

### Details of Delegate

Name :	<input type="text"/>					
Designation :	<input type="text"/>					
Organisation :	<input type="text"/>					
Address :	<input type="text"/>					
	<input type="text"/>					
	<input type="text"/>					
City :	<input type="text"/>	Pin :	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Phones :	<input type="text"/>					
Mobile :	<input type="text"/>					
Email :	<input type="text"/>					
GST No. : *	<input type="text"/>					

Please Photocopy this form for multiple registration • Participation Fee is non-refundable, however change in nomination is acceptable.

### Details of Payment

Please find enclosed our

DD / Cheque No.	<input type="text"/>	Dated	<input type="text"/>
Drawn on	<input type="text"/>		
For ₹	<input type="text"/>		

in favour of '**Saket Projects Limited**', payable at Ahmedabad.

+ GST number is mandatory to get GST credit benefit

\* Inclusive of GST

SEND COMPLETED FORM, TOGETHER WITH PAYMENT, TO



SAKET HOUSE, 1, PANCHSHEEL, USMANPURA, AHMEDABAD 380013

PHONES : +91-79-27551931, 27551817

For Account related Query, Contact Mr. Parag Shah (M: 9601643332)

For Conference related Query, Contact Mr. Hasmukh Vyas (M: 9825851820)

GST No. 24AACC6912J1ZC

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