

Boiler India 2024 Ignites Global Synergy:

Industry Leaders Unite for Innovation, Networking, and Growth

**258 Exhibitors | 24K Visitors | 4.5K Delegates | 15 Seminars
2 Panel Discussions | 17 Panellists | 37 Participating Countries**

Boiler India 2024, held from 25th to 27th September 2024, reaffirmed its status as India's premier platform for the boiler and allied industries. Organized by Orangebeak Technologies Pvt Ltd with support from the Directorate of Steam Boilers (DSB), Maharashtra the event brought together industry leaders, innovators, and key stakeholders under one roof to foster collaboration, promote technological advancement, and facilitate knowledge exchange.



The event was a resounding success, surpassing expectations in terms of attendance, industry participation, and business outcomes. The exhibition showcased cutting-edge products, solutions, and services from leading manufacturers and service providers in the boiler and energy sectors. **The event saw over 250 exhibitors and more than 24000 visitors from diverse industries, including power, oil & gas, pharmaceuticals, chemicals, marine, hospitality, and food processing.**

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Boiler India 2024 was inaugurated in a grand ceremony, attended by a distinguished panel of dignitaries, reflecting the event's high importance in the boiler and steam industry. The inauguration was graced by Mrs. Vinita Vaid Singhal (IAS), Principal Secretary, Labour Department, Maharashtra, Mr. Dhawal Antapurkar, Director of the Directorate of Steam Boilers, Maharashtra and Mr. Bhanu Rajagopalan, Managing Director of Orangebeak Technologies Pvt. Ltd. Also present were Vice Admiral R. Swaminathan, AVSM, NM, Director General of Naval Projects, Western Naval Command, Indian Navy, and Padmashri Prof. G. D. Yadav, Emeritus Professor of Eminence at the Institute of Chemical Technology. Shri B. B. Thombare, President of WISMA, and Shri Sandeep Kumbhar, Technical Advisor (Boiler) and Secretary, Central Boiler Board, DPIIT, Government of India, further elevated the occasion with their esteemed presence. This illustrious



gathering underscored the pivotal role of Boiler India 2024 in fostering innovation, safety, and sustainability within the industry.

Supported by key government bodies such as the Labour Department, Government of Maharashtra, Ministry of MSME, Ministry of Heavy Industries, DPIIT, and Make in India, along with industry associations like Indian Drug Manufacturers Association, Indian Boiler Manufacturers Association, All India Association Of Industries, AID Vidarbha, and the SME Chamber of India, Boiler India 2024 offered an unparalleled platform for knowledge exchange, networking, and business growth.

The event was sponsored by leading industry players such as BPCL, ADANI, HPCL, NTPC, OILON, ONGC, and Sai Wardha Power, further cementing its significance as a landmark event for the industry.

The event witnessed remarkable participation from across the globe, attracting attendees from over 40 countries. Some of the key countries represented included:



Business at Boiler India

Boiler India 2024 achieved significant commercial success. Over 85% of the exhibitors reported securing high-quality leads, and numerous companies closed deals onsite. Key partnerships were



Products on Display

Burner Model Nos. L-300, Burner Model TAV-6, Burner Model 6514-6, Dual Fuel Burner DN 50, Dual Fuel Burner BI -1, Tata Make ERW Boiler Tubes, Corten Steel Tubes, DeNox system - SCR and SNCR Technology, 34 KW IBR Electric Boiler, Dhanrock Mineral Wool LRB Mattress, Dhanrock Mineral Wool Rigid Pipe Sections, Mk8 MM, Mini Mk9 MM, Mk8 EGA Evo, Weishaupt Industrial Burners, Thermax Neo-Gas Enrichment Solutions, Non-IBR Electric Boiler, IBR Electric Boiler – Thermotron, Thermeon 2.0 – TEON 500, Flexisource – Multi-fuel Fired Boiler, HydroFLOW 45i, Model VVP Vapomax Pump, FLASHJET Pump, ECR (Electronic Compound Regulation) Burner, Serial 8 and C300 Controller, ControlEdge HC900, Fabmax CutMaster, V Wise Smart Boiler Controller, Pump Model: CKC 17/36 S, Pump Model: BC 15/25 SDesuperheater FDSO with Stud Connection, Desuperheater FDV, Elco Industrial Burner, Medenus Gas Train, Metreg Gas Meter, B.S. Globe Valves, B.S. Gate Valves, OCEMS–Online Continuous Emission Monitoring System for Gas & Dust, CAAQMS-Ambient Air Quality Monitoring System, VOCs On-line Analyzer, Bomb Calorimeter, Flash Point Apparatus, Kinematic Bath, Thermic Fluid Heater, API 560 Fired Heater, AC 3 Phase Squirrel cage Induction Motors.

forged, particularly in the areas of automation, energy management, and material handling solutions. The event served as a crucial platform for Energy-as-a-Service (EaaS) providers, who attracted considerable attention from companies looking to optimize their energy usage.



Panel Discussions

Two pivotal panel discussions took place during the event, focusing on industry trends, climate goals, and future energy needs.

The first Panel Discussion's agenda was **Shaping the Boiler Industry to Mitigate Future Energy Requirements and Climate Risks**. This high-level discussion explored strategies for aligning the boiler industry with global climate targets and achieving net-zero emissions amid changing energy demands. The distinguished panel included Shri B C Mahesh, Member of Group Executive Council, President – Industrial Product Business, Thermax Limited, Shri Datta Kuvalekar, CTO, Forbes Marshall, Shri Vivek Bhatia, Managing Director & CEO, TKIL Industries Pvt. Ltd., Shri Rohinton Engineer, Director, Industrial Boilers Limited, Shri S Sonpethkar, MSPGCL, Shri TSG



Narayannen, Former Technical Advisor (Boilers), DPIIT, Mr. Waveru Kariuki, Director, DOSH, Nairobi, Kenya.

The discussion was moderated by Shri Sanjay Joshi, Sr. Vice President, IL & FS, and provided insights into how technological innovation, policy shifts, and industry collaboration can mitigate climate risks while meeting future energy needs.

The second Panel Discussion's agenda was **Innovations, Sustainability, and Operational Excellence in the Heat and Steam Industry**, This session focused on innovations that drive sustainability and operational excellence in the heat and steam sector. The panel included industry experts who shared their experiences in improving performance while meeting environmental standards: Shri Arun Tewari, Lead - Customer and Engineering Services, Isgec Heavy Engineering Ltd., Shri Ashesh Padhy, EVP, JSW Steel, Shri Sanjay Joshi, Sr. Vice President, IL & FS, Shri



Abhai Raj Bhandari, Executive Director, BPCL, Mumbai Refinery and Mr. Bill Gurski, Director, Sales & Applications, Boiler Burners & Power Solutions, ZEECO, USA

The discussion was moderated by Shri Dilip Deshpande, Ex. Director of Boilers, Maharashtra, and centered on innovative practices and sustainable strategies that are shaping the future of the heat and steam industry.

Seminars

A central part of Boiler India 2024 was the technical seminars and panel discussions, which delved into critical industry trends such as energy efficiency, digitalization, and the future of renewable energy. Expert speakers India and abroad highlighted skill development initiatives in the boiler industry. These seminars attracted substantial attendance, reinforcing the event's role as an educational hub for the sector and brought together experts from across the globe to discuss



crucial topics ranging from functional safety management and energy transition to advanced monitoring techniques and boiler technology advancements.

Day 1 opened with sessions on boiler functional safety and steam quality enhancement, followed by discussions on sustainability, emission monitoring, and fuel conversion of existing boilers.

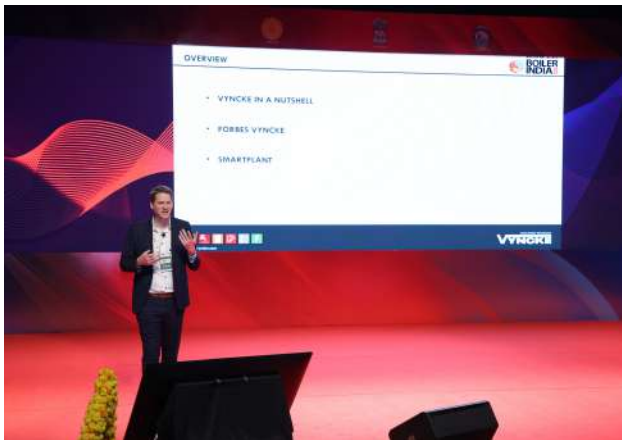


Industry leaders, including Shri Onkar Saini and Shri RS Jha from Thermax, Shri Narendra Singh from Incosteam International Pvt Ltd and Shri. Nagamanickam P, Ex BHEL, Mr Bill Gurski from Zeeco and Dr. Pritesh M. Shah from Prima Equipment, shared their expertise on these vital topics.

Day 2 addressed key issues such as process optimization, boiler control and automation systems, and challenges in the sugar industry. Presentations covered advancements in water chemistry treatment and metallurgy for high-temperature applications, with notable contributions from Shri.

Anjan Kumar Sinha from Intertek, Mr Dieter Van Ryckeghem from Vyncke, Shri. R A Chandgude from Vasantdada Sugar Institute, Shri. Udayan Shrouti, from Libra Agencies, Dr Atul Ballal from VNIT and Shri. Mrugesh Shah from Forbes Marshall.

On **Day 3**, seminars focused on emerging trends in boiler design, fuel handling innovations, emission control technologies, and biomass fuel utilization. Experts by the likes of Shri. Santosh



Asangi from TKIL Industries India Pvt Ltd, Shri.

K. K. Parthiban from Venus Energy Audit System and Shri. Pramod Kate provided practical insights into boiler efficiency optimization and accident prevention.

The **Best Boiler User Awards** served as a fitting conclusion to the event, with winners being honored in the presence of key industry leaders, government officials, and international dignitaries by the likes of Mr Rohinton Engineer, Director, Industrial Boilers, Miss Samina Khalid, Head Corporate Communications, Thermax Ltd, Mr Anjankumar Sinha, Technical Director, Intertek AIM, USA, Mr Nitin Hirade, Executive Director, RCF Ltd, Mr Waweru, Dy. Director, DOSH, Kenya, Mr Bhanu Rajagopalan, CEO, Orangebeak Technology Pvt Ltd, Mr Dhawal Antapurkar, Director, Directorate of Steam Boilers, M.S. and Mr Gajanan Wankhede, Joint Director, Directorate of Steam Boilers, Mumbai. The awards recognized the companies that are driving the industry forward and setting new standards for the future of energy efficiency and sustainability. With a record-breaking number of entries, the awards witnessed fierce competition, reflecting the growing commitment of companies toward sustainability, innovation, and operational excellence.

The winners were announced across six distinct categories, recognizing contributions from a wide spectrum of industries:

Category 6: Sizing / Rice Mills / Other Small Industries including SIB type Boilers



1st Place: Pee Vee Textiles Private Limited, Samudrapur, Dist. Wardha

2nd Place: Godrej Agrovet Limited, Satara

3rd Place: Bekaert Industries Private Limited, Ranjangaon MIDC, Dist. Pune

Category 5: Textile Process Houses / Edible Oil / Paper / Ordnance / Distilleries / Animal Feed / AAC Blocks



1st Place: Bilt Graphic Paper Products Limited, Unit Bhigwan, Dist. Pune

2nd Place: Raymond Uco Denim Private Limited, Dist. Yavatmal

3rd Place: Raymond Luxury Cottons Limited, Nandgaon Peth, Dist. Amravati

Category 4: Pharma / Chemical / Dairy / Hotels / Food



1st Place: Hindustan Unilever Limited, Dist. Buldhana

2nd Place: Schreiber Dynamix Dairies Private Limited, Baramati, Dist. Pune

3rd Place: Datwyler Pharma Packaging India Private Limited, Khandala SEZ, Dist. Satara

Category 3: Sugar Factories

1st Place: Dalmia Bharat Sugar & Industries Limited, Sugar Unit Shri Datta, Dist. Kolhapur



2nd Place: Shree Datta Shetkari Sahakari Sakhar Karkhana Limited, Shirol, Dist. Kolhapur

3rd Place: Krantiagrani Dr. G. D. Babu Lad Sahakari Sakhar Karkhana Limited, Kundal, Dist. Sangli

Category 2: Captive / Co-generation (Steel / Cement / Chemical / Petrochem / Distilleries)



1st Place: Bharat Petroleum Corporation Limited, Mumbai Refinery, Mumbai

2nd Place: Awarpur Cement Works, Dist. Chandrapur

3rd Place: Finolex Industries Limited, Dist. Ratnagiri

Category 1: Power Plant

1st Place: (Joint Winners) Adani Power Limited, Tirora, Dist. Gondia & GMR Warora Energy



Limited, Dist. Chandrapur

2nd Place: Adani Electricity Mumbai Limited, Dahanu, Dist. Palghar

3rd Place: Tata Power Company Limited, Mumbai

These awards not only highlighted the dedication of industries toward enhancing boiler safety and performance but also emphasized their contribution to the adoption of cutting-edge technologies and environmentally sustainable practices. The awardees have set a high benchmark for the industry, showcasing their commitment to excellence in boiler operations.

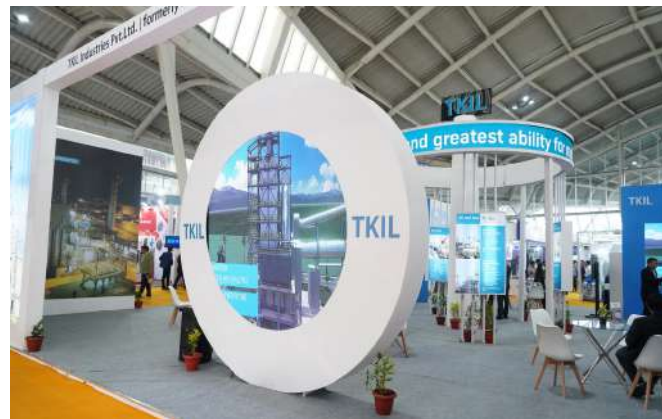


Boiler India 2024 provided a robust platform for Micro and Small Enterprises (MSEs), being approved under the MSME PMS scheme. This significant endorsement underscored the expo's role in fostering growth and visibility for small-scale industries within the boiler and heat sector. A total of 49 companies participated, showcasing their cutting-edge products, services, and innovations.

By bringing together a diverse array of MSEs, Boiler India 2024 demonstrated its commitment to advancing the capabilities and market reach of small-scale enterprises, providing them with an unparalleled opportunity to connect with industry leaders, buyers, and technology experts. **About 50 MSEs participated at Boiler India 2024 under the MSME PMS scheme.**

Pune Tectrol Pvt Ltd, Ross Boilers, Ecotherm Energy Solutions, Euromax International, IGEMA India Pvt. Ltd, Inditech Valves Pvt. Ltd, Incosteam International Pvt. Ltd, Darling Muesco India Pvt. Ltd, TS Flow Controls Pvt. Ltd, Prima Equipments, Innovative Automation Pvt. Ltd, Mark Engineering Services, Tvastar Steel Pvt. Ltd, Saitron Engineering pvt. Ltd, Vardhman Flexible Hoses, ABSR Engineering & Services Pvt. Ltd, Maxima Boilers Pvt. Ltd, Thermodyne Technologies Pvt. Ltd, Skywin Valves Pvt. Ltd, Anval Valves Pvt. Ltd, Jayant Engineering and Marketing Pvt. Ltd, Positive Metering Pumps India Pvt. Ltd, GE Tek Electronics Pvt. Ltd, Trustwell Engineers India Pvt. Ltd, Universal Fuel Industries, Steamlok Engineering Pvt. Ltd, Jainco Refractory Products Pvt. Ltd, Durag India Instrumentation Pvt. Ltd, Rokad Rotek India Pvt. Ltd, Dyrocon Airtech Pvt. Ltd, Silson, Mamleshwar Agro Fuel Pvt. Ltd, Pratap Industries, Laxmi Air Control Ltd, Siemac Automation Pvt.

Ltd, Heft Engineers Pvt. Ltd, Burner India, Micon Valves India Pvt. Ltd, Anandmayee Forgings Pvt. Ltd, JR Forgings, SV Tech Engineering Consultants Pvt. Ltd, Customized Steam Solution Pvt. Ltd, CSA Fittings, Jubilant Piping Solutions Pvt. Ltd, Urja Disha Boiler Technologies LLP, Alphacore



Technologies Pvt. Ltd, Rajni Combustion Pvt. Ltd, Flotech Solutions and Parmar Techno Forge

The industry now looks forward to **Reactor World Expo 2025** and **Boiler World Expo SEA 2025**, both organized by **Orangebeak Technologies Pvt. Ltd.** These upcoming events will respectively focus on reactor technology advancements and the expansion of boiler technology into Southeast Asia promising further innovation and collaboration.

Testimonials

The biggest benefit is the number of customers. So we see that there are so many customers coming in, excellent networking, all at one single platform. We can get to so many customers and showcase our product.

Narpendra Singh

Incostream

This is the first time we are participating and so far this has been a great show for us. We met our partners from USA and Canada. The footfall is good and most importantly it's the right people coming in. We are really happy with the overall response and we are most likely planning to enroll ourselves for South East Asia next year Boiler World in Bangkok.

Amey Desai

Custom Steam Solutions

We get suppliers for the big capital equipment like boilers, pressure vessels and we are the supplier for the fittings, flanges and skids. So we get good vendors here and collaborators. Good show.

Roshan Patil

Petrochem Piping Technology Private Limited

This is our third time at Boiler India and what brings us back is the atmosphere, the footfall, the quality of leads generated at the expo, the response from customers. We get visitors from beyond the domestic market. Boiler India also gives us a multidimensional picture of what is happening in the sector. We are quite interested in attending Boiler World Expo - SEA.

Ketan Kirad

Forbes Marshall

This is our second experience with Boiler franchise however our first time at Boiler India, previously we exhibited at Boiler World Nairobi where we received tremendous response so we wanted to check the Indian edition as well and the response here as been exceptional. This is a great platform, we got to meet with the boiler manufacturers, suppliers and the end users. We are definitely planning for Boiler World Expo.

Arpit Kantia

Techflow Enterprises Pvt Ltd.

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