



## BOILER INDIA- 2022

### RULES & REGULATIONS FOR THE COMPETITION OF BEST BOILER USER AWARD 2022

1. Download the form corresponding to your type of industry from the categories as mentioned below:
  - I. Power Plant
  - II. Captive / Co-generation (Steel / Cement / Chemical / Petrochem)
  - III. Sugar Factories
  - IV. Pharma / Chemical / Dairy / Hotels / Food
  - V. Textile Houses / Process Houses / Edible Oil / Paper / Ordnance / Distilleries
  - VI. Sizing / Rice Mills / Other Small Industries including SIB type of Boilers.
2. Download the corresponding format of your industry as mentioned in Sr. No. 1.
3. **It is mandatory to submit hard copy of your entry form to:**

***The Director, Directorate of Steam Boilers, 7<sup>th</sup> Floor, Kamgar Bhavan, Plot C-20,  
Block E, Bandra Kurla Complex, Bandra East, Mumbai – 51.***

**Write the name of the category in which participating, on TOP of the envelope.**



## **2. CAPTIVE/CO-GENERATION**

***The Director, Directorate of Steam Boilers,  
7<sup>th</sup> Floor, Kamgar Bhavan, Plot C-20,  
Block E, Bandra Kurla Complex,  
Bandra East, Mumbai – 51.***

### **4. Last date for submission of Forms is 15.12.2021.**

5. Out of the total applications received, the applications from each category securing highest marks according to evaluation system, will advance to the verification round of the competition.
6. The site verification process will be conducted at your works by the Committee members comprising of industrial experts nominated by the Directorate of Steam Boilers, Maharashtra State, specifically for this BEST BOILER USER AWARD 2022 competition.
7. During verification the company will be required to furnish documents pertaining to the competition to the jury members. Major emphasis will be given to housekeeping, safety measures, visual charts, signboards, upkeep of boilers and other parameters required for trouble free and safe boiler operations.
8. There will be three prizes in each category. Prizes will be distributed on 3<sup>rd</sup> March, 2022 during the Boiler India 2022 concluding ceremony.



9. In case of difficulties in filling forms, please contact:

<b>CATEGORY</b>	<b>CONTACT PERSON &amp; CONTACT NUMBER</b>
1. POWER PLANT	SHRI. PRAMOD KATE: 9881820271
3. CAPTIVE CO-GENERATION(STEEL, CEMENT, CHEMICAL & PETROLEUM)	SHRI. VIVEK GHATE: 9867561947
4. SUGAR	SHRI. B. D. PATIL: 9822032945 SHRI. PRAMOD KATE: 9881820271
5. PHARMA/CHEMICAL/DAIRY/HOTELS & FOOD	SHRI. D. R. PARKALE: 9881611707 SHRI VIRAF KARANJAWALA:-9820038014
6. TEXTILE HOUSES/PROCESS HOUSES/EDIBLE OIL/PAPER/ORDNANCE/ DISTILLERIES.	SHRI. LOKESH PANDIT: 9422801902 SHRI. ABHAY PHADKE; 9422249499
7. SIZING/RICE MILLS/OTHER SMALL INDUSTRIES/S.I.B	SHRI. LOKESH PANDIT: 9422801902

10. The decisions taken by the Jury will be abiding and final.

11. If required, the jury shall call upon any additional information required from the participants.



**BOILER INDIA- 2022 PARTICIPANT FORM**

**APPLICATION FOR BEST BOILER USER AWARD 2022**

**CATEGORY: Captive / Co-generation (Steel / Cement / Chemical / Petrochem).**

**A ] Company Details:**

Sr. no.	Details	To be filled by Participant
1	Name of Company	
2	Address of company, Contact No. & Email.	
3	Name of Boiler Inspectorate Regional office	
4	Contact person: Name, Designation, Email ID and Mobile No.	



**B1 BASIC DETAILS OF BOILERS:**

Sr. No.	Boiler registration Nos.	Fuel	Heating Surface in M <sup>2</sup>	Type of Boiler	Boiler Capacity MW	Steam Pressure/ Temperature		Rate of Steam Generation TPH
						Kg/cm <sup>2</sup>	°C	



### C] GENERAL INFORMATION:

SR. NO.	DETAILS	TO BE FILLED BY PARTICIPANT			
1	<p><b>Details of 5S activities (if implemented)</b></p> <p>Please attach at least 2 nos. colored Photographs related with 5S activities in plant. Size of Photograph on A4 photo sheet paper for each activity.</p>				
2	<p><b>Housekeeping.</b></p> <p>Please attach at least 4 nos. colored Photographs related with Cleanliness at the location of fuel bay, fuel handling plants, ESP area and fuel reject area. Size of Photograph on A4 photo sheet paper for each location. [For Waste Heat Recovery Boilers: Please attach photographs of boiler surroundings and ash discharge area)</p>				
3	Present Emission levels of CO, SO <sub>x</sub> , NO <sub>x</sub> , and Suspended Particulate Matter.	Boiler No:			
		CO			
		SO <sub>x</sub>			
		NO <sub>x</sub>			
		SPM			
4	Details of National Level/State Level Awards received related to Energy, Environment & Safety.				



		FY	No of Tube failure	% loss of Generation due to boiler tube failure
5	Furnish consolidated data for:	2018-19		
		2019-20		
		2020-21		
6	Reported high severity incident / accident of boiler /in boiler house if any in 2019-20, 2020-21.			
7	ISO standard adopted (9001/14001/45001/50001) / IMS adopted			
8	Disposal of hazardous waste like thermal insulation and used oil in an environmental friendly way.	Please furnish details.		
9	No. of Boiler Operation Engineers/ Boiler Attendants.			
10	Do you have <b>BOILER INSPECTION KIT</b> consisting of: a) Scale. b) Vernier Caliper. c) Inside Outside Caliper. d) Ball-peen hammer. e) Torch. f) Safety Goggles. g) Hand Gloves. h) Chalk. i) Helmet j) Drawings.			



**D] KEY RESULT AREA, PERFORMANCE PARAMETERS (Design Vs Actual):**

SR. NO.	DETAILS	TO BE FILLED BY PARTICIPANT						
		FY	2018-19		2019-20		2020-21	
			Design	Actual	Design	Actual	Design	Actual
1	Furnish data of Plant availability factor & Plant load factor (%)	% AVF						
		% PLF						
		Heat Rate (kCal/kWh)						
		Auxiliary power consumption (%)						





			2018-19		2019-20		2020-21	
			Design	Actual	Design	Actual	Design	Actual
2	Boiler efficiency (%), No. of Tripping of Boilers, Sp. Raw Water Consumption, Sp. DM Water consumption, Max continuous running days since commissioning. <b>(Furnish details of any one Boiler.)</b>	Boiler Registry No.						
		Boiler Efficiency %						
		Combined Cycle Efficiency %						
		Tripping of Boilers (Nos)						
		Specific Raw water consumption ltr/kWh						
		Specific DM water consumption ltr/kWh						
		Maximum continuous running days of boiler since commissioning.						



<b>E] PERFORMANCE ENHANCEMENT MEASURES:</b>		
<b>SR. NO.</b>	<b>DETAILS</b>	<b>TO BE FILLED BY PARTICIPANT</b>
1	Safety initiative adopted including process safety.	
2	Best maintenance and operation practices implemented.	
3	Innovative Energy saving measures adopted.	
4	Innovative performance improvement projects	
5	Eco Friendly Environment Measures taken such as FGD, Nox Burners, Combustion Efficiency Tuning, Ammonia Injection etc....	



**WEIGHTAGE FOR THE DIFFERENT SECTIONS ARE AS FOLLOWS:**

SECTION C] GENERAL INFORMATION	----	<b>33%</b>
SECTION D] KEY RESULT AREA, PERFORMANCE PARAMETERS	----	<b>46%</b>
SECTION E] PERFORMANCE ENHANCEMENT INITIATIVE	----	<b>21%</b>

**DECLARATION:**

Declared that the information furnished above is correct and authorized by our Company for nomination to “**BEST BOILER USER AWARD 2022**” competition organized by the Directorate of Steam Boilers, Maharashtra State, Mumbai and we shall abide by the rules & regulations of the competition and we accept that the decision taken by the jury shall be final and binding on us.

**Name of Company Authorized Person:**

**Designation:**

**Office No. (O):**

**Signature:**

**Company Seal:**