**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:
	1. Power Plant
	2. Captive / Co-generation (Steel / Cement / Chemical / Petrochem)
	3. Sugar Factories
	4. Pharma / Chemical / Dairy / Hotels / Food
	5. Textile Houses / Process Houses / Edible Oil / Paper / Ordnance / Distilleries
	6. 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. Fill the form and upload the relevant documents and submit it by email to boiler2022competition@gmail.com.

**P.N: Mandatory Font: Arial Size: 11**.

1. **Also it is mandatory to submit hard copy of your entry form**. Submit the Hard Copy along with slogan, poster, suggestion & essay to:

***The Director, Directorate of Steam Boilers, 7th Floor, Kamgar Bhavan, Plot C-20,***

 ***Block E, Bandra Kurla Complex, Bandra East, Mumbai – 51***.

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

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| **1. POWER PLANT*****The Director, Directorate of Steam Boilers,******7th Floor, Kamgar Bhavan, Plot C-20,******Block E, Bandra Kurla Complex,******Bandra East, Mumbai – 51***. |

1. **Last date for submission of Forms is 30.11.2021.**
2. 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.
3. 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 2022competition.
4. 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.
5. There will be three prizes in each category. Prizes will be distributed on 3rd March, 2022 during the Boiler India 2022 concluding ceremony.
6. In case of difficulties in filling forms, please contact:
	1. Power Plant…………..Shri. Pramod Kate [9881820271]
	2. Captive / Co-generation (Steel / Cement / Chemical / Petrochem)

Shri. Vivek Ghate [9867561947]

* 1. Sugar Factories………Shri. Pawan More [9819636329]
	2. Pharma / Chemical / Dairy / Hotels / Food ….Shri. D. R. Parkale [9881611707]
	3. Textile Houses / Process Houses / Edible Oil / Paper / Ordnance / Distilleries

Shri. Abhay Phadke [9422249499]

* 1. Sizing / Rice Mills / Other Small Industries including SIB type of Boilers.

Shri. Lokesh Pandit [9422801902]

1. The decisions taken by the Jury will be abiding and final.
2. 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: POWER PLANT**

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| **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. |  |

**B] BASIC DETAILS OF BOILERS:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Boiler registration Nos.** | **Fuel** | **Heating Surface in M2** | **Type of Boiler** | **Boiler Capacity****MW**  | **Steam Pressure/ Temperature** | **Rate of Steam Generation****TPH** |
| **Kg/cm2** | **OC** |
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| **C] GENERAL INFORMATION:**  |
| **SR. NO.** | **DETAILS** | **TO BE FILLED BY PARTICIPANT** |
| 1 | **Details of 5S activities (if implemented)** Please attach at least 2 nos. coloured Photographs related with 5S activities in plant. Size of Photograph on A4 photo sheet paper for each activity. |  |
| 2 | **Housekeeping**.Please attach at least 4 nos. coloured 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. |  |
| 3 | Present Emission levels of SOx, NOx, and Suspended Particulate Matter. | Boiler No: |  |  |  |
| SOX |  |  |  |
| NOX |  |  |  |
| SPM |  |  |  |
| 4 | Details of National Level/State Level Awards received related to Energy, Environment & Safety. |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 5 | Furnish consolidated data for: | FY | No of Tube failure | % loss of Generation due to boiler tube failure |
| 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 (9001/14001/18001/45001/50001) |  |
| 8 | Disposal of hazardous waste like thermal insulation and used oil in a environmental friendly way. | YES / NO |
| 9 | No. of Boiler Operation Engineers/ Boiler Attendants.  |  |

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| **D] KEY RESULT AREA, PERFORMANCE PARAMETERS (Design Vs Actual):** |
| **SR. NO.** | **DETAILS** | **TO BE FILLED BY PARTICIPANT** |
| 1 | Furnish data of Plant availability factor &Plant load factor (%) | **FY** | 2018-19 | 2019-20 | 2020-21 |
| Design | Actual | Design | Actual | Design | Actual |
| % AVF |  |  |  |  |  |  |
| % PLF |  |  |  |  |  |  |
| Heat Rate (kCal/kWh) |  |  |  |  |  |  |
| Specific oil consumption (ml/kWh), |  |  |  |  |  |  |
| Auxiliary power consumption (%) |  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 2 | Boiler efficiency (%), Mill Reject %, % Unburnt, No. of Tripping of Boilers, Sp. Raw Water Consumption, Sp. DM Water consumption for FY 2020-21, Max continuous running days since commissioning.**Furnish details of any one Boiler.** | **FY** | 2018-19 | 2019-20 | 2020-21 |
| Design | Actual | Design | Actual | Design | Actual |
| Boiler Registry no. |  |
| Boiler Efficiency % |  |  |  |  |  |  |
| % mill reject |  |  |  |  |  |  |
| % Unburnt |  |  |  |  |  |  |
| Tripping of Boilers (Nos) |  |  |  |  |  |  |
| Specific Raw water consumption ltr/kWh |  |  |  |  |  |  |
| Specific DM water consumption ltr/kWh |  |  |  |  |  |  |
| Maximum continuous running days of boiler since commissioning. |  |

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| **E] PERFORMANCE ENHANCEMENT MEASURES:** |
| **SR. NO.** | **DETAILS** | **TO BE FILLED BY PARTICIPANT** |
| 1 | Safety initiative adopted. |  |
| 2 | Best maintenance and operation practices implemented. |  |
| 3 | Innovative Energy saving measures adopted. |  |
| 4 | Innovative performance improvement projects |  |

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| **F] SLOGAN, POSTERS, SUGGESTION AND ESSAY WRITING :** |
| **SR. NO.** | **DETAILS** | **TO BE FILLED BY PARTICIPANT** |
| 1 | Slogan: Only one slogan related to safety in boiler / boiler house  | To be written here ( selected slogan by the company with name& designation of slogan writer) |
| 2 | Posters: Only one poster related to safety in boiler / boiler house  | Attach poster ( selected poster by the company with name& designation of poster creator) |
| 3 | Suggestions / Ideas: Related to safety in boiler / boiler house. | To be written here ( selected suggestion / idea by the company with name & designation of participant) |
| 4 | Essay topic: ***“Why should we win the BEST BOILER USER AWARD 2022”.*** | To be attached mentioning name and designation of essay writer. |

1. **SLOGAN, POSTERS, SUGGESTION AND ESSAY:**
2. COMPETITION OF ALL ABOVE SR. NO. 1 TO 4 IS TO BE CONDUCTED IN YOUR COMPANY. PLEASE SEND ONLY SELECTED SLOGAN, POSTER, SUGGESTIONS AND ESSAY.
3. MARATHI, HINDI AND ENGLISH LANGUAGES TO BE USED FOR SLOGAN, SUGGESTION, ESSAY WRITING & POSTER.
4. SLOGAN SHOULD BE ONLY ONE OR TWO LINES.
5. SUGGESTION SHOULD BE TWO TO THREE LINES.
6. POSTER SHEET OF A3 SIZE TO BE USED AND SEND ALONG WITH APPLICATION FORM.
7. ESSAY SHOULD BE OF MAXIMUM 1500 WORDS AND ON A4 SIZE PAPER AND SEND ALONG WITH APPLICATION FORM.
8. **WEIGHTAGE FOR THE DIFFERENT SECTIONS ARE AS FOLLOWS:**

SECTION C] GENERAL INFORMATION ---- **29%**

SECTION D] KEY RESULT AREA, PERFORMANCE PARAMETERS ---- **45%**

SECTION E] PERFORMANCE ENHANCEMENT INITIATIVE ---- **12%**

SECTION F] SLOGAN, POSTERS, SUGGESTION AND ESSAY WRITING ---- **14%**

**DECLARATION:**

 Declared that the information furnished above is correct and authorised by our Company for nomination to “***BEST BOILER USER AWARD 2022”*** competition organised 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 Authorised Person:**

**Designation:**

**Office No. (O):**

**Signature:**

**Company Seal:**