

Award Scheme for Induction & Reheating furnaces



February-2023

Rajasthan State Pollution Control Board

Headquarter, 4, Institutional Area, Jhalana Doongri, Jaipur-302004

Phone : 0141-2711263,2716802 e-mail : member-secretary@rpcb.nic.in

RSPCB HelpLine No. : 0141-2716877

A. Vision:-

- Rajasthan is a State where a large number of Induction furnaces & reheating furnaces are being operated. To promote and facilitate these industries to adopt best available pollution control techniques and eco-friendly practices to ensure the compliance of various environmental laws and Acts in the State.

B. Mission:-

- To create awareness among industries to maintain balance between environment and industrial development.
- To improve environmental performance of the unit through best available environment friendly practices.

C. About award:-

- To promote these industries for better compliance of Environment Laws, the State Board is going to announce awards & evaluation will be based on the parameters/criteria/ eco- friendly practices adopted by the industries.
- The awards will be declared/distributed every year at an event organised by the State Borad.

D. Eligibility for participation in the scheme:-

1. Operational units.
2. Covered under Consent mechanism from the State Board.
3. Rating parameters of Section Ist of point no. G (*Minimum 75 % points required)
*Not applicable only for the year 2022-2023.

E. Steps for selection :-

1. **Self assessment of parameters by Industry and submission of evidence based report to the State Board alongwith application form.**



2. **Evaluation by External experts.**



3. Site visit by External experts for final assessment(Submit report in format decided by State Board)



4. Certification and Award

F. Team/Jury for evaluation

- A team of 3 members will be constituted.(other than the officials of the State Board).
- The all the 3 experts will be from renowned institution having knowledge and experience in the field of environment.

G. Rating Parameters

a) **(For Induction Furnace)**

Section – Ist of Parameters

Sr. No.	Rating Parameter	Points
1	Pre-treatment of scrap for removal of impurities associated with scrap	50
2	Storage area of scrap/raw material	50
3	Side suction hood or any other best available technology (other than canopy hood)	50
4	Scientific disposal of Flue gas dust	50
5	Provision of monitoring of regular use of Pollution Control Measures by the Project Proponent through CCTV cameras at the furnace area having storage capacity of at least 3 months.	150
	Total (I st)	350

Section – IInd of Parameters

Sr. No.	Rating Parameter	Points
1	Air Pollution Control Measures provided & its adequacy	200
2	Scientific disposal of generated slag	50
3	Water conservation techniques adopted	50
4	Noise Control techniques/Equipments/ Maintenance of plant	50
5	Safety measures provided to personnel in industry	50
6	Status of training given to staff and the health check-up status of the personnel.	25
7	Plantation in the premises	50
8	Housekeeping	25
9	Energy conservation techniques adopted in process/ installation	100

	of technology to utilize renewable energy for ex. solar energy	
10	Compliance & Air Monitoring status through monitoring reports	50
	Total (II nd)	650
	TOTAL Ist and IInd	1000

Section – IIIrd (Negative marking)

1	Any court case registered against the unit during last one year.	-50
2	Any Environmental Compensation levied against the unit during last one year.	-50

b) **(For Reheating Furnace)**

Section – Ist of Parameters

Sr. No.	Rating Parameter	Points
1	Type of cleaner fuel i.e LPG/PNG/CNG/ LSHS etc & its storage facility.	150
2	Provision of monitoring of regular use of Pollution Control Measures by the Project Proponent through CCTV cameras at the furnace area having storage capacity of at least 3 months.	150
3	Noise Control techniques/Equipment/ Maintenance of plant	50
	Total (I st)	350

Section – IInd of Parameters

Sr. No.	Rating Parameter	Points
1	Air Pollution Control Measures provided & its adequacy	200
2	Water conservation techniques adopted	50
3	Scientific disposal of scrubber sludge/ flue gas dust	50
4	Safety measures provided to personnel in industry	50
5	Status of training given to staff and the health check-up status of the personnel.	50
6	Plantation in the premises	50
7	Housekeeping	50
8	Energy conservation techniques adopted in process/ installation of technology to utilize renewable energy for ex. solar energy	100
9	Compliance & Air Monitoring status through monitoring reports	50
	Total II nd	650
	TOTAL Ist and IInd	1000

Section – IIIrd (Negative marking)

1	Any court case registered against the unit during last one year.	-50
2	Any Environmental Compensation levied against the unit during last one year.	-50

H-Details of Award:-

1. **Platinum:**-Units that achieve more than 700 points in total (after qualifying Section I criteria) will be eligible for platinum rating. [Maximum 3 Units]
2. **Gold:** - Units that achieve more than 500 points in total (after qualifying Section I criteria) will be eligible for Gold rating. [Maximum 3 Units]

I-Enrollment Procedure:-

The industry on the basis of self assessment can enroll for award by 31st March 2023 to 30th April, 2023. The committee will examine and select participants on the basis of self assessment submitted by units by 15th May. The Team members will visit the units from 01st June to 30th June. The team will submit the final report by 15th July.

Announcement of the Awards: - 15th August.



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APPLICATION FORM

**“AWARD SCHEME-2023”
FOR
INDUCTION FURNACES AND REHEATING FURNACES**

(ASSESSMENT PERIOD-01.04.22 TO 31.03.23)



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PART-I

(Basic Information)

S. No.	Basic information	Particulars
1.	Name of Unit	
2.	Address	
3.	Name of Head of Unit	
4.	Contact number	
5.	E-mail	
6.	Operational status of the unit	
7.	Type of furnace	
8.	Capacity of the furnace	
9.	Date of commencement of the unit	
10.	Type of fuel (Mention name of fuel in case of reheating furnace)	
11.	Name of raw material	
12.	Name of Product	
13.	Water consumption (KLD)	
14.	Electricity consumption per day	
15.	Consent status(valid/expired/pending)	
16.	Validity of the consent	
17.	Consented production capacity	
18.	Status of Environmental Clearance(obtained/applied)	
19.	Status of authorization under Hazardous & other wastes (Management & Transboundary Movement)Rules,2016	



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PART-II **(For Induction Furnace)**

(S. No)	Criteria	Information	Documents required
1	Pre-treatment of scrap for removal of impurities associated with scrap	Please mention the detail of process/method used	A detailed note supported with documentary/photographic evidence
2	Storage area of scrap/raw material	Please mention the detail of storage area	A detailed note supported with documentary/photographic evidence
3	Side suction hood or any other best available technology (other than canopy hood)	Please mention the details	A detailed note supported with documentary/photographic evidence
4	Scientific disposal of Flue gas dust	Please mention the details	A detailed note supported with documentary/photographic evidence
5	Provision of monitoring of regular use of Pollution Control Measures by the Project Proponent through CCTV cameras at the furnace area having storage capacity of at least 3 months.	Please mention the details of CCTV camera	A detailed note supported with documentary/photographic evidence
6	Air Pollution Control Measures provided & its adequacy	Please mention the details of all Pollution control measures installed in the unit	A detailed note supported with documentary/photographic evidence
7	Scientific disposal of generated slag	Please mention the details	A detailed note supported with documentary/photographic evidence
8	Water conservation techniques adopted	Please mention the details	A detailed note supported with documentary/photographic evidence
9	Noise Control techniques/Equipments/	Please mention the details	A detailed note supported with



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	Maintenance of plant		documentary/photographic evidence
10	Safety measures provided to personnel in industry	Please mention the details	A detailed note supported with documentary/photographic evidence
11	Status of training given to staff and the health check-up status of the personnel.	Please mention the details	A detailed note supported with documentary/photographic evidence
12	Plantation in the premises	Please mention the details regarding number of plants and species	A detailed note supported with documentary/photographic evidence
13	Housekeeping	Please mention the details	A detailed note supported with documentary/photographic evidence
14	Energy conservation techniques adopted in process/ installation of technology to utilize renewable energy for ex. solar energy	Please mention the details	A detailed note supported with documentary/photographic evidence
15	Compliance & Air Monitoring status through monitoring reports	Please mention the details of validity of consent, compliance report submitted by the unit, air monitoring conducted (by State Board Laboratory / Other approved laboratory) and analysis results.	A detailed note along with supporting documents
16	Any court case registered against the unit during last one year.	Please mention the details	Supporting documents
17	Any Environmental Compensation levied against the unit during last one year.	Please mention the details	Supporting documents



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PART-III **(For Reheating Furnace)**

(S.No.	Criteria	Information	Documents required
1	Type of cleaner fuel i.e LPG/PNG/CNG/ LSHS etc & its storage facility.	Please mention the details	A detailed note supported with documentary/photographic evidence
2	Provision of monitoring of regular use of Pollution Control Measures by the Project Proponent through CCTV cameras at the furnace area having storage capacity of at least 3 months.	Please mention the details of CCTV camera	A detailed note supported with documentary/photographic evidence
3	Noise Control techniques/Equipment/ Maintenance of plant	Please mention the details	A detailed note supported with documentary/photographic evidence
4	Air Pollution Control Measures provided & its adequacy	Please mention the details of all Pollution control measures installed in the unit	A detailed note supported with documentary/photographic evidence
5	Water conservation techniques adopted	Please mention the details	A detailed note supported with documentary/photographic evidence
6	Scientific disposal of scrubber sludge/ flue gas dust	Please mention the details	A detailed note supported with documentary/photographic evidence
7	Safety measures provided to personnel in industry	Please mention the details	A detailed note supported with documentary/photographic evidence
8	Status of training given to staff and the health check-up status of the personnel.	Please mention the details	A detailed note supported with documentary/photographic evidence



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9	Plantation in the premises	Please mention the details regarding number of plants and species	A detailed note supported with documentary/photographic evidence
10	Housekeeping	Please mention the details	A detailed note supported with documentary/photographic evidence
11	Energy conservation techniques adopted in process/ installation of technology to utilize renewable energy for ex. solar energy	Please mention the details	A detailed note supported with documentary/photographic evidence
12	Compliance & Air Monitoring status through monitoring reports	Please mention the details of validity of consent, compliance report submitted by the unit, air monitoring conducted (by State Board Laboratory / Other approved laboratory) and analysis results.	A detailed note along with supporting documents
13	Any court case registered against the unit during last one year.	Please mention the details	Supporting documents
14	Any Environmental Compensation levied against the unit during last one year.	Please mention the details	Supporting documents



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Undertaking

I/we _____ (Son/Daughter/Spouse) of

Mr./Mrs. _____, resident of _____ do hereby affirm and self-declare as under:

1. That I am the Owner/director of the unit _____
2. I am duly authorized to sign an application and details and documents submitted in this application.
3. I/We acknowledge that application is a process to identify and shortlist the beneficiary of the respective award.
4. I/We also understand that based on the application, shortlisting process, and due diligence the respective prize will be awarded by RSPCB.
5. I/We understand that RSPCB may cancel the application process at any time. The RSPCB reserves the complete right to cancel the scheme and reject any or all of the applications at any stage.
6. That the Information, statements, and documents given herein are to the best of my knowledge & belief, true and correct in all particulars. That if any difference will be found later in my statement in respect of above-mentioned application then I shall be responsible for the same and understand that I will not be awarded the respective benefit under the scheme.
7. I/we undertake to furnish any additional information/documents/record within one day whenever asked by the jury.
8. All information provided in the application and in the enclosures is true and correct.

Authorized Signature:

Name and Title of Signatory:

Seal :

Note:

1. **This award scheme is only to develop a healthy competition among the units to comply with Environmental Laws and Acts.**
2. **Please send the duly filled Application Form in hard copy to the Member Secretary, Rajasthan State Pollution Control Board, 4, Institutional Area, Jhalana Doongri, Jaipur, as per the prescribed format during 31th March 2023- 30th April 2023. No applications will be accepted after 30th April 2023.**



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3. **Application should be in the prescribed format and include all desired information. However you are free to add any other information that you may feel is relevant to the scheme.**
4. **The performance will be evaluated on the basis of rating criteria mentioned in the Award scheme and information/documents submitted by the applicants.**
5. **Awards will be valid for one year only. However, RSPCB can initiate any legal action against the awarded unit in case of non compliance observed.**
