

CENTRAL POLLUTION CONTROL BOARD

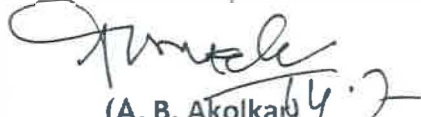
No.B-19001/PIAS/WQM-II/CPCB/2016-17

Date: 14.07.2017

Sub: Criteria for selection/short listing of Grossly Polluting Industries of "CPCB Environment Award (पर्यावरण पुरस्कार)"

CPCB has decided to institute a scheme of awards for recognizing Grossly Polluting Industries (GPIs) complying with pollution control norms. The objective of the scheme is to publically felicitate such GPIs complying with pollution control norms and to encourage other industrial units to take significant steps for prevention of pollution. The award will be called as "**CPCB Environment Award (पर्यावरण पुरस्कार)**".

The criteria for selection / shortlisting of GPIs for the said award has been prepared and is placed below for your valuable comments. Submit the comments by 18/07/2017.


(A. B. Akolkar)
Member Secretary

1. I/c PCP
2. I/c IPC -I
3. I/c IPC-II
4. I/c IPC-III
5. I/c IPC-IV
6. I/c- IPC-V
7. I/c - IPC-VI
8. I/c - IPC-VII
9. I/c- WQM-I
10. I/c AQM-I
11. I/c AQM-II
12. I/c WMD
13. I/c Instrumentation
14. I/c Water Lab
15. I/c IT Division
16. I/c PCP & PR
17. I/c UPC
18. I/c AQ Lab

: for comments

19. I/c- IT Division

:for uploading on website for public comments. Public can submit their comment by 28th July, 2017 over email: ngrba.cpcb@nic.in

Criteria for Shortlisting / Selection of Grossly Polluting Industries for

“CPCB Environment Award (पर्यावरण पुरस्कार)”

Introduction

CPCB has decided to institute a scheme of awards for recognizing Grossly Polluting Industries (GPIs) complying with pollution control norms. The objective of the scheme is to publically felicitate such GPIs complying with pollution control norms and to encourage other industrial units to take significant steps for prevention of pollution. The award will be called as *“CPCB Environment Award (पर्यावरण पुरस्कार)”*.

2. Awards will be given each year to such GPIs which will be adjudged complying with the pollution control norms during the assessment period of two years i. e. the previous year and the current year.
3. The GPIs to be considered for these awards will be those industrial units which have potential to generate trade effluent having Bio-Chemical Oxygen Demand (BOD) load of 100 kg/day and/or hazardous chemicals used by the industry as specified under the The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989 and as amended and discharging/or have potential to discharge in river Ganga and its tributaries directly or through drains/channels. Presently 1109 GPIs has been inventoried by CPCB under Pollution Inventorization Assessment Surveillance of River Ganga (PIAS) project executed by CPCB sanctioned by National Mission for Clean Ganga (NMCG) and these GPIs shall be considered for participation of felicitation scheme. The inventory of GPIs will be updated time to time in consultation with SPCBs.

4. Eligibility Criteria for Participation

- A. Compliance with pollution control norms comprises following criteria
 - a) Have functional and adequate Effluent Treatment Plant (ETP)/Air Pollution control devices (APCDs)/ Waste Management System/ Zero Liquid Discharge System (ZLD).
 - b) Complying with emission/effluent discharge standards notified under E (P) Rules, 1986 or prescribed by concerned SPCBs whichever are stricter.

- c) Valid consent-to-operate under Water/Air Acts/Authorization under Hazardous Waste Management Rules/NOC from CGWA
- d) OCEMS live connectivity to CPCB server ("Data Active Status" more than 85% during the year alternatively each month of the year to CPCB server).
- e) Not having by-pass arrangements for the discharge of untreated/treated wastewater.
- f) Had not been prosecuted by NGT or CPCB or SPCB or by any other Government body during assessment period for environment related issue.
- g) Had not been issued closure direction by CPCB/SPCB or by NGT in during past three years and current year.

B. Non-compliance with pollution control norms comprises of following criteria:

- a) Not having functional and adequate Effluent Treatment Plant (ETP)/Air Pollution control devices (APCDs)/ Waste Management System/ Zero Liquid Discharge System (ZLD).
- b) Non-compliance with emission/effluent discharge standards notified under E (P) Rules, 1986 or prescribed by concerned SPCBs whichever are stricter
- c) Not having valid consent-to-operate under Water/Air Acts/Authorization under Hazardous Waste Management Rules/NOC from CGWA
- d) Not having OCEMS live connectivity to CPCB server (defined as "Data Active Status" more than 85% during the year alternatively each month of the year).
- e) Having by-pass arrangements for the discharge of untreated/treated wastewater.
- f) Had been prosecuted by NGT or CPCB or SPCB or by any other Government body during assessment period for environment related issue.
- h) Had been issued closure direction by CPCB/SPCB or by NGT during past three years and current year.

5. The criteria/eligibility for selection, of awardees shall be based on the following considerations:-

- i) Adopting best available technology (BAT Based), subject to compliance with the defined or above than set pollution control norms and sustainability of that technology from financial, social and ecological aspects,
- ii) Air Emission Management
Effluent Management: Reduction in effluent generation and reuse of effluent in industrial process and management
- iv) Solid Wastes Management: reduction in solid waste generation and safe disposal of solid waste generated and reuse of solid waste generated.
- v) Hazardous Wastes Management: Reduction in hazardous chemical, reuse of Hazardous waste generated, safe disposal of hazardous waste & reduction of risk to the community living in the vicinity of units handling hazardous chemicals
- vi) Noise/odour Control Management
- vii) Proactive Efforts beyond compliance: any identifiable, specific and significant contribution towards the manufacture of eco design of products & packaging
- viii) SPCB Opinion
- ix) Benchmark in Segment (National / International)

6. Identified Industrial Sectors for Award

Awards will be given each year in each of the identified sectors of GPIs which will comply with the criteria of "Compliance with Pollution Control Norms" during the assessment year. The sector wise shortlisting of the GPIs will be carried out. The identified sectors are as follows:

- i) Chemical (Chemical organic & inorganic, Fertilizer, Petrochemical, Oil & Refinery, Sulphuric Acid. Pesticide and Pharmaceutical).
- ii) Distillery, yeast manufacturing & fermentation
- iii) Dairy, food processing & beverage
- iv) Pulp & Paper
- v) Sugar
- vi) Textile, Dyeing & Bleaching

- vii) Tannery
- viii) Slaughter House & meat processing
- ix) Others (Locomotive, Automobile, Metallurgy, Thermal Power, Nuclear Power, Cement, Arms Equipment, Ordnance, Electroplating, Coal fines, Malting etc.)

7. Award & Ranking

Awards will be given each year to GPs which have been found complying with the pollution control norms and or made a significant and measureable contribution towards development or use of clean technology, products or waste minimization practices that prevent pollution and find innovative solutions to environmental problems. The cleaner technology aims to conserve natural resource, particularly water, and to prevent the generation of pollutants through cost effective means. The technologies may include new technologies that save water or other resources, product reformulation or substitution to use fewer polluting material and modification and new processes which reduce pollution.

The award shall be given on the basis of ranking of eligible nominated industries from no.1 to 10. The first three ranks shall receive the award (as I, II & III) in the form of trophy and remaining 7 ranks GPs (4-10) shall receive the appreciation certificate.

8. Nomination

The nomination of industry for the award will be invited by the CPCB each year in the prescribed format. The applicants have to submit application form in a prescribed format along with a separate write-up and presentation on their achievement for consideration

Any past awardees of National Environment Award eg. Indira Gandhi Paryavaran Puraskar (IGPP) and Rajiv Gandhi Environment Award etc. or any organisation connected with the industry and commerce, such as, Industrial or Commercial associations or Industrial Promotion corporations, State Pollution Control Boards/Committees may nominate any industrial unit from the identified sectors for the award along with an application from the industry concerned in the prescribed format.

Nomination will be made from the industrial unit by itself or the Regional Officer (RO) of the concerned State Pollution Control Board (SPCBs) or the industrial associations or the local administration to the Central Pollution Control Board, Delhi.

The eligibility for nomination shall be based on the confidence of inspection report carried out by CPCB during the assessment period. If inspection reports are not available for the assessment period, a fresh round of inspection shall be carried out by CPCB team to assess the compliance of provisions under Water and Air Act and Hazardous Waste Management Rules and verification of consent conditions and authorization shall be ensured.

9. Review of nomination by selection committee

The awards will be given only if meritorious nominations which comply with the criteria are available.

The CPCB shall constitute a selection committee to review the nomination for the award or shall outsource any expert agency like Quality Control of India (QCI) to accomplish the process of nomination.

The committee members or officials nominated by committee can also visit the industrial Unit if desired necessary, to gather more information or to verify the information already provided.

10. Assessment Period

The award will be given for the performance of the industry during the last two financial years, which comprises the previous and the current financial year till the last date of receiving of nominations. The nominations shall be forwarded to the Member Secretary of the concerned SPCBs. The SPCBs after a scrutiny of the nominations and due satisfaction that the GPI is a potential candidate for the award, shall forward the nomination to the Member Secretary CPCB, New Delhi before the last date of the receipt of nomination as notified/published every year.

11. Selection Committee

The constituted selection committee consisting of following persons will make recommendations for the award:

- i) Chairman, Central Pollution Control Board – Chairman
- ii) Director General, National Mission for Clean Ganga – Member
- iii) Member Secretary, Central Pollution Control Board – Member
- iv) Joint Secretary, Control of Pollution Division, MoEF & CC – Member
- v) Member Secretary, Uttar Pradesh Pollution Control Board – Member
- vi) Member Secretary, Uttarakhand Environment Protection & Pollution Control Board – Member
- vii) Member Secretary, Bihar state Pollution Control Board – Member
- viii) Member Secretary, West Bengal Pollution Control Board – Member
- ix) Member Secretary, Jharkhand State Pollution Control Board – Member
- x) President, Confederation of Indian Industry (CII) – Member
- xi) President, Federation of Indian Chambers of Commerce and Industry (FICCI) – Member
- xii) President, PHD Chamber of Commerce and Industry – Member

The committee shall formulate a marking system on 100 point scale which will be compared with the checklist based on eligibility criteria and also point no. 5.

12. The Award/Appreciation Certificate will be given in the form of trophy and a citation that will be retained permanently by the awardees. The winners of the award shall have the privilege option to use the symbol in their letter head or in any advertisement. Year of the award shall be invariably mentioned in all such cases. Awards will be given every year on "Water Day" i.e. 22nd March in a formal ceremony conducted at an appropriate venue. Award/Appreciation Certificate can be received by CEO, CMD, MD or by any authorised representative of the company. The name of the awardee and other rank holders should also be displayed at CPCB/SPCB website.

Disclaimer: The decision of Chairman, CPCB shall be the final in case of any dispute.

Industry Appreciation Program

- Evaluation to be done on the basis of designed objective criteria which will be made known to the industry
- In addition to the objective criteria, additional weightage factors will be applied, like
 - Feedback from SPCB's on compliance aspects and proactive approach of the industry
 - Continual improvement and "beyond compliance" track record of industry
 - Other factors that may be considered by the evaluation committee

Criteria for Selection

| Sl. No. | Criteria | Points | Remarks | |
|---------|---|--------|----------------|--------------|
| | | | Preceding Year | Current Year |
| A | Industry Details | | | |
| 1. | Technology Aspects (BAT based) | 20 | | |
| 2. | Effluent Management | 10 | | |
| 3. | Air Emission Management | 10 | | |
| 4. | Solid Wastes Management | 10 | | |
| 5. | Hazardous Wastes Management | 10 | | |
| 6. | Noise/Odor Control Management | 5 | | |
| 7. | Proactive Efforts beyond compliance | 10 | | |
| 8. | SPCB Opinion | 15 | | |
| 9. | Benchmark in Segment (National / International) | 10 | | |
| | Total | 100 | | |

Industry Details

A. General Information

| Sl. No. | Criteria | Comments | |
|---------|---|----------------|--------------|
| | | Preceding Year | Current Year |
| 1. | Name of Industry | | |
| 2. | Address of Industry | | |
| 3. | Phone No. / Mobile No. of Contact Person | | |
| 4. | Email of Contact Person | | |
| 5. | Registered/Corporate Office | | |
| 6. | Year of Commencement of Production | | |
| 7. | Water Consent to operate Valid till | | |
| 8. | Water Consent to operate No. | | |
| 9. | Air Consent to operate Valid till | | |
| 10. | Air Consent to operate No. | | |
| 11. | Authorization under Hazardous Rule valid till | | |
| 12. | Authorization under Hazardous Rule | | |
| 13. | ISO 14001 Certified? | | |
| 14. | ISO 18001 Certified? | | |
| 15. | Is Separate Environment Manager / Official appointed? | | |
| 16. | Any closure issued in last 3 years from SPCB/CPCB | | |
| 17. | Installed Capacity | | |
| 18. | Production of product | | |
| 19. | Sales Turn over (Gross) (INR Lakh) | | |
| 20. | Environment Audit carried out by External Agency | | |
| 21. | Water Audit carried out by External Agency | | |
| 22. | Energy Audit carried out by External Agency | | |
| 23. | Any other relevant information | | |

| | | | | | | | | |
|----|------------------------|--|--|--|--|--|--|--|
| 4. | Total Suspended Solids | | | | | | | |
| 5. | Total Dissolved Solids | | | | | | | |
| 6. | pH | | | | | | | |
| 7. | Colour | | | | | | | |

D.1 Air Emission Management

| Sl. No. | Criteria | Points | |
|---------|--|----------------|--------------|
| | | Preceding Year | Current Year |
| 1. | ESPs / Dust Collectors / Scrubbers provided at all point sources | | |
| 2. | APCDs designed for less than compliance norm requirement | | |
| 3. | Stack heights are as per the norms | | |
| 4. | No visible stack emissions from point sources | | |
| 5. | Major non compliances reported in air emissions | | |
| 6. | Initiatives taken for fugitive dust control | | |
| 7. | Initiatives taken for GHG reduction | | |
| 8. | Energy consumption trend (steam / power / ton of product) for last three years | | |
| 9. | Compliance score by SPCB for last 3 years % compliance of samples of emission | | |

D.2 Details of air emission discharge from the Industry, against the following section of the Industry:

(Details for Current year and preceding year)

| Parameters | Stack attached to Lime Kilm | Stack attached to Recovery Furnace | Stack attached to DG Set | Stack attached to Boilers | Hood attached to Bleaching section |
|--|-----------------------------|------------------------------------|--------------------------|---------------------------|------------------------------------|
| Flow (Nm ³ /day) | | | | | |
| SPM (mg/Nm ³) | | | | | |
| NOx (mg/Nm ³) | | | | | |
| SO ₂ (mg/Nm ³) | | | | | |
| CO (mg/Nm ³) | | | | | |
| H ₂ S (mg/Nm ³) | | | | | |
| Mercaptans (mg/Nm ³) | | | | | |

| | | | | | |
|---|--|--|--|--|--|
| Total Reduced Sulphur (mg/Nm ³) | | | | | |
| Chlorine (mg/Nm ³) | | | | | |

E. Solid Wastes and Hazardous Wastes Management

| Sl. No. | Criteria | Remarks | |
|-------------------------|---|----------------|--------------|
| | | Preceding Year | Current Year |
| Solid Wastes | | | |
| 1. | Solid wastes handling practices | | |
| 2. | % solid wastes recycled / reused by self/others | | |
| 3. | Solid wastes generated per ton of product has reducing trend for last 3 years | | |
| 4. | Initiatives taken to reduce / reuse / recycle solid wastes | | |
| Hazardous Wastes | | | |
| 1. | Are you a member of CHWTSDF? | | |
| 2. | How are you disposing hazardous wastes today? | | |
| 3. | Initiatives taken to reduce / recycle hazardous wastes | | |

F. Steps to taken to control Noise & Odor in the industry?

G. Proactive steps taken to go beyond compliance towards environment management?

H. Benchmark in Segment (National / International)

I. List any National award that the industry has received over the past three years or current year.

J. Details of any environmental violations (notices of directions, closure notice, court case, PIL etc.) in past three years?

Authorized Signatory:

Name & Signature

For Official Use Only

K. SPCB Opinion on compliance of the Industry

L. CPCB Remarks on Overall Performance of the Industry