



## **HARYANA STATE POLLUTION CONTROL BOARD**

**C-11 Sector-6, Panchkula**  
**Ph – 0172- 577870-73, Fax No. 2581201**  
**E-mail- hspcbho@gmail.com**



### **Office Order**

Whereas, procedure for grant and refusal of consent to establish and consent to operate under Water Act, 1974 & Air Act, 1981 was issued vide Head Office order Endst. No. HSPCB/2014/10195-10218 dated 07.03.2014 which was notified in the Haryana Government Gazette on 15.04.2014;

Whereas, Industries and Commerce Department Haryana has Notified Haryana Enterprise Promotion Policy 2015 vide Notification No. 49/43/2015-4IB1 dated 14.08.2015 which envisages for simplification of procedure for obtaining the clearances from various Departments by the industries. Further Department of Industrial Policy and Promotion, Ministry of Commerce and Industries, Government of India has also laid emphasis on "Ease of Doing Business" for providing efficient, convenient, transparent and integrated electronic services to the applicants seeking clearances from various Govt. Departments and the Business Reform Action Plan 2016 and 2017 has been issued by Industries and Commerce Department;

Whereas, in compliance of the above said Haryana Enterprise Promotion Policy 2015 and Business Reform Action Plans 2016 and 2017 for ease of doing business in the State, the Board has altered and amended the policy for dealing with the applications of entrepreneurs for grant of clearances under various Environmental Acts/Rules and accordingly issued the various policy orders from time to time;

Whereas, further Central Pollution Control Board (CPCB) has superseded the earlier directions issued in June, 2012 in context to categorization of industrial sectors and revised the categorization of industrial sectors under Red, Orange, Green and White categories based upon the range of pollution index, through modified directions issued under section 18 (1) (b) of Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 vide letter no. B-29012/ESS(CPA)/2015-16/8571 dated 07.03.2016 for the purpose of consent management under these Acts;

Whereas, based on the revised criteria of categorization of industrial sectors and revised lists of Red, Orange, Green and White categories of industrial sectors as mentioned in the final report attached with the above said modified directions of the CPCB and further based on report and recommendations submitted from time to time by the committee constituted by this Board on 01.07.2016 as per provisions of the said CPCB directions, consolidated list of industrial sectors/projects covered under Red, Orange, Green and White categories, was finalized for the purpose of consent management under Water Act, 1974 and Air Act, 1981 which has been adopted and implemented by the Board vide order Endst. No. HSPCB/PLG-135/2016/546-572 dated 14.07.2016 in supersession of earlier categorization of industrial sectors/projects notified by the Board vide notification dated 15.04.2014 and further amendments issued thereafter from time to time in the categorization of industrial sector;

Whereas, in view of the above and various decisions taken by the Board from time to time after issue of the procedure for consent management through notification dated 15.04.2014 as mentioned above, it has become expedient to issue a comprehensive procedure for processing the applications for grant of consent to establish and consent to operate under Water Act, 1974 and Air Act, 1981 in supersession of earlier procedure issued through the said notification dated 15.04.2014;

Whereas, the Technical Advisory Committee (TAC) of the Board in its meetings held on 10.08.2017, 09.10.2017 and 16.11.2017 examined and finalized the revised comprehensive procedure for grant and refusal of the consent to establish and consent to operate under Water Act, 1974 and Air Act, 1981, after incorporating all the policy orders and instructions and new categorization of industrial sectors issued by the Board from time to time and the recommendations of TAC were accepted by the competent authority of the Board;

Whereas, the Board in its 178<sup>th</sup> meeting held on 30.01.2018, vide agenda item no. 178.22 has approved the above procedure for grant and refusal of consent to establish and consent to operate

under Water Act, 1974 and Air Act, 1981, finalized by the TAC of the Board which is enclosed as **Annexure-P**.

In view of above and in pursuance of the provisions of section 25, 26 and 27 of Water (Prevention and Control of Pollution) Act, 1974 read with Rule 22 of the Haryana Water (Prevention and Control of Pollution) Rules, 1978 and section 21 of the Air (Prevention and Control of Pollution) Act, 1981 read with Rule 15 of the Haryana Air (Prevention and Control of Pollution) Rules, 1983 as amended from time to time, it is hereby ordered that in supersession of earlier procedure for grant of consent to establish and consent to operate under Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 issued vide Head Office order Endst. No. HSPCB/2014/10195-10218 dated 07.03.2014 notified in the Haryana Government Gazette on 15.04.2014 and all other orders issued in this regard before issue of this procedure, the revised procedure attached herewith as **Annexure-P** shall be applicable in the Board for grant and refusal of consent to establish and consent to operate under Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

These orders shall come in to force with immediate effect.

**Dated Panchkula, the  
22<sup>nd</sup> February, 2018**

**Ashok Kheterpal,  
Chairman**

**Endst. No. HSPCB/2018/517-519**

**Dated: 26.02.2018**

A copy of the above is forwarded to the following for information please:-

1. The Principal Secretary to Govt. Haryana, Industries & Commerce Department Chandigarh.
2. The Principal Secretary to Govt. Haryana, Environment Department, Chandigarh.
3. The Director, Environment Department, Chandigarh.

**-Sd/-  
Sr. EE-I (HQ)  
For Chairman**

**Endst. No. HSPCB/2018/520-544**

**Dated: 26.02.2018**

A copy of the above is forwarded to the following for information and further necessary action:-

1. All section Incharges dealing with consent management in Head Office of the Board.
2. All Regional Officers of the Board in the field.
3. Environmental Engineer -cum- Nodal Officer of the HSPCB, Haryana Enterprises Promotion Centre (HEPC) Bay No. 63-64-65-66, Sector 2, Panchkula.
4. Nodal Officer (IT) for uploading the orders on the website of the Board for the notice of all concerned.

**-Sd/-  
Sr. EE-I (HQ)  
For Chairman**

**Endst. No. HSPCB/2018/545-546**

**Dated: 26.02.2018**

A copy of the above is forwarded to the following for information of the officers:-

1. PS to Chairman
2. PA to Member Secretary

**-Sd/-  
Sr. EE-I (HQ)  
For Chairman**

## Haryana State Pollution Control Board

### Procedure for obtaining consent to establish and consent to operate under Water Act, 1974 & Air Act, 1981.

In pursuance of the provisions of section 25, 26 and 27 of Water (Prevention and Control of Pollution) Act, 1974 read with Rule 22 of the Haryana Water (Prevention and Control of Pollution) Rules, 1978 and section 21 of the Air (Prevention and Control of Pollution) Act, 1981 read with Rule 15 of the Haryana Air (Prevention and Control of Pollution) Rules, 1983 as amended from time to time and approval of the Board in its 178<sup>th</sup> meeting held on 30.01.2018, vide agenda item no. 178.22, the following revised comprehensive procedure for grant and refusal of the consent to establish and consent to operate under Water Act, 1974 and Air Act, 1981 after incorporating all the policy orders and instructions and new categorization of industrial sectors issued by the Board from time to time, is laid down in supersession of earlier procedure for grant of consent to establish and consent to operate under Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 issued vide Head Office order Endst. No. HSPCB/2014/10195-10218 dated 07.03.2014 notified in the Haryana Government Gazette on 15.04.2014 and all other orders issued in this regard before issue of this procedure:-

#### 1. General Provisions.

- 1.1 All the industrial sectors/projects have been categorized under Red, Orange, Green and White categories based upon their pollution potential and range of pollution index for the purpose of consent management under Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of pollution) Act, 1981 on the direction of CPCB issued under section 18 (1) (b) of Water Act, 1974 and Air Act, 1981 vide letter no. B-29012/ESS(CPA)/2015-16 /8571 dated 07.03.2016 in supersession of earlier categorization of industrial sectors/projects issued vide notification dated 15.04.2014 and amended from time to time. The revised list of industrial sectors/projects categorized under Red, Orange, Green and White categories for the purpose of consent management and inventrization of industries under these categories under Water Act, 1974 and Air Act, 1981, has already been adopted by this Board and implemented vide Head Office order Endst. No. HSPCB/PLG-135/2016/546-572 dated 14.07.2016 and subsequently vide order Endst. No. HSPCB/PLG-171/2017/4081-4106 dated 19.05.2017 and Endst. No. HSPCB/PLG-171/2017/4295-4320 dated 08.06.2017 and consolidated lists of industrial sectors/projects covered under Red, Orange, Green and White categories, are given at **Annexure-I to IV** respectively.
- 1.2 The industries/projects categorized as Red, Orange and Green, have been covered under consent management for obtaining prior consent to

establish (CTE) and consent to operate (CTO) under section 25/26 of the Water Act, 1974 and under section 21 of the Air Act, 1981.

- 1.3 The industrial units/projects falling under white Category as per **Annexure-IV**, are exempted from Consent Management for the purpose of obtaining CTE and CTO under Water Act, 1974 and Air Act, 1981 and there is no necessity for obtaining the CTE and CTO by the industries covered under white category and other units not covered under Red, Orange and Green categories and intimation to the Board in this regard shall suffice.

However, this type of units will have to provide required pollution control devices to meet the prescribed standards for discharge of environmental pollutants, where ever required, depending upon their process and activities and these industrial units/projects shall be governed by self regulatory regime and are not permitted to pollute the environment.

No inspection of White category of industries will be carried out by the Board officials except in the cases where any complaint is received against such type of industries for causing pollution.

- 1.4 The industries/ projects already existing and not covered previously under consent management as per notification dated 15.04.2014 or earlier but have been covered under consent management now as per new categorization of industrial sectors appended with this procedure, shall obtain only CTO and will not require to obtain the CTE.
- 1.5 Siting of the industries / projects shall be only in confirming areas and no industry/project shall be permitted to establish or operate in the ecologically fragile area / protected area or in any non confirming areas or in the residential areas of MCs / HUDA / villages and in any other approved residential colonies / areas.
- 1.6 The units covered under Environment Impact Assessment (EIA) Notification dated 14.09.2006, as amended from time to time, shall apply for Consent to Establish to the Board only after obtaining prior Environmental Clearance from the Competent Authority.
- 1.7 The industrial units/projects falling in the area prescribed in the Aravali Notification dated 7<sup>th</sup> May, 1992 issued by MoEF & CC, shall require prior clearance from competent authority prescribed under the Aravali Notification, before applying to the Board for CTE or 1<sup>st</sup> CTO in case of new units covered under consent management as per new categorization of projects listed in this procedure.
- 1.8 The report regarding siting of the projects outside the Aravali area in the Districts of Gurgaon & Mewat, shall also be taken for the purpose of Consent to Establish (CTE) or first CTO in case of new units covered under consent management as per new categorization of projects listed in this procedure, from Tehsildar and District Forest Officer through the concerned Deputy Commissioner, to ensure the compliance of the provisions of Aravali Notification dated 7<sup>th</sup> May, 1992 in addition to other prescribed documents.

However, in case of industrial units/projects located in approved industrial estates/approved HUDA sectors of District Gurgaon and Mewat, verification report in this regard would be required from Regional Officer concerned.

- 1.9 The projects falling in the revenue estates, covered in ambit of the Notification no. 191(E) dated 27.08.2010 issued by Ministry of Environment, and Forest, Government of India regarding protected area of Sultanpur National Park in District Gurgaon, shall comply with the provisions of said Notification and will obtain the prior permission/clearance of the Monitoring Committee and the Prescribed Authority constituted under the said Notification before submitting the application for CTE to the Board.

Prior permission/clearance from competent authority shall also be required in case of other similar protected areas declared by the MoEF & CC, Government of India or any prescribed authority from time to time.

- 1.10 For obtaining CTE in case of the Hot Mix Plants, Screening Plants, Grinding/pulverizing units, poultry farms and Stone crushers, the project proponents will also submit the distance report regarding the siting parameters prescribed by the Government of Haryana, Environment Department for these projects, provided by the concerned authorities prescribed in the respective notifications, in addition to other prescribed documents for obtaining CTE, to ensure the compliance of the prescribed siting parameters before grant of the CTE.
- 1.11 The units proposed to be setup outside approved industrial areas/estates, will necessarily provide the information in the application form regarding detail of land i.e. Khasra/Kila nos. of the land where the unit has to be established. In case of approved industrial area/estates, the plot no. allotted by the concerned authority will have to be mentioned in the application. The detail of land or plot no. of the unit will be mentioned in the CTE to be granted by the Board.
- 1.12 CTE will be granted only for the product (s) or activities for which the plot has been allotted or CLU permission has been given by the concerned authorities.
- 1.13 All the units shall provide all necessary facilities for sampling of air or emission from any of their chimney, flue or duct, plant or Vessel of any other sources and outlets, stationery are mobile including necessary facilities for access to the sampling places, as specified by the Board before applying for first CTO as per provisions of Rule 18 of Haryana Air (Prevention and Control of Pollution) Rules, 1983 as amended from time to time.
- 1.14 The performance security deposited along with the application for CTE, shall be refunded / retired on the recommendation of concerned Regional Officer automatically without taking any request from the units in this regard, after installation of the required and adequate pollution control devices, compliance of all the conditions of CTE & first CTO and submission of

satisfactory analysis reports of effluent/ air emissions/ noise levels, as applicable, from all sources within the stipulated time period prescribed in first CTO, showing all the results complying with the standards prescribed for discharge of pollutants under EP Rules, 1986 and/or laid down by the HSPCB if any.

The performance security so deposited will be forfeited in case the unit fails to comply with any of the conditions of CTE or first CTO or the standards prescribed by the Board / under EP Rules, 1986 for discharge of Environmental Pollutants or if 1<sup>st</sup> CTO is refused.

- 1.15 The consent to operate can be granted even to those units which have past violation of their establishment without obtaining CTE provided these type of units are complying with all the relevant provisions of Environmental Acts/Rules and standards for discharge of environmental pollutants prescribed under EP Rules, 1986 as applicable, subject to the legal action is taken against such units by filing the prosecution case in Special Environment Court for such past violations under relevant Acts before granting of CTO and subject to imposing a specific condition that CTO so granted is without prejudice to the action taken for prosecution in respect of past violation committed by the unit and CTO so granted will have no effect on the persecution case filed by the Board against such units for past violation in the Court under the relevant provisions of the Water Act, 1974 and/or Air Act, 1981.

No ex-post facto CTE will be given in such cases of past violation as no such provisions is available in Water Act, 1974 and/or Air Act, 1981.

- 1.16 In case the unit is covered under Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 and Bio-Medical Waste Management Rules, 2016, it shall simultaneously apply for the grant of authorization/registration under the relevant provisions of these Rules.
- 1.17 The units which intend to increase in quantity of effluent or no. of outlets or no. of stacks/ source of emissions, as compared with the quantity for which consent to establish and consent to operate was previously granted or intend to make any expansion in the existing project or change in manufacturing process, such units will obtain the fresh prior consent to establish, for such change.

In case of change of machinery of latest technology in existing units without increase in production or without any change in the manufacturing process, there will be no need to obtain fresh CTE.

- 1.18 All the applications for CTE and CTO shall be processed within time period prescribed by the Board for all the concerned officers dealing with the consent management at Regional as well as at Head Office level and it will



be ensured by all the concerned officers that the applications are decided within the time limit prescribed by the Board.

1.19 Thrust will be given that all units obtain CTO for 5 years in case of Red category, 10 year in case of Orange category and 15 years in case of Green Category of industries.

1.20 In case any unit changes its nomenclature (name) only, then such unit will apply on the prescribed performa given at **Annexure-A**, through the concerned Regional Office of the Board for grant of permission for change of its name in CTE/CTO and in other records of the Board, alongwith the documents as given in the Checklist of the documents given at serial no. 1 of **Annexure-1**.

Regional Officer will submit the details and his recommendation to Head Office for approval on the prescribed performa given at **Annexure-B**.

In case there is only change in the ownership of the unit without change in its nomenclature (name), the copy of fresh memorandum of article & association or partnership deed or proof of proprietorship, as the case may be, shall be submitted through the concerned Regional Office who in turn will forward a copy of the same to Head Office alongwith his comments.

1.21 Where a unit, to whom consent has been granted by the Board, transfers his interest in the industry to any other person/unit, by its sale or otherwise, such consent shall be deemed to have been granted to such other person/unit after grant of permission by the Board for the same and such other person/unit shall be bound to comply with all the conditions subject to which it was granted as if the consent was granted to such other person/unit originally.

In such cases the unit transferring his interest in the industry to any other person/unit, will intimate the Board for the same through concerned Regional Office and request to allow transfer of his interest in the industry on the prescribed format given at **Annexure-C** alongwith the documents as given in the Checklist of the documents given at serial no. 2 of **Annexure-1**.

Regional Officer will submit the details and his recommendation to Head Office for approval on prescribed performa given at **Annexure-D**.

1.22 Where an existing unit is purchased or taken on lease by another unit and the new unit apply to the Board for grant or renewal of CTE/CTO in his name such units will first obtain the permission for change of name and other details of the existing unit, purchased or taken on lease by such units, in the record of the Board including transfer of interest of such industry in their name for which an application for the same on the prescribed performa given at **Annexure-C**, alongwith the documents as given in the Checklist of the documents given at serial no. 2 of **Annexure-1**, through concerned Regional Office.

Regional Officer will submit the details and his recommendation to Head Office for approval on the prescribed performa given at **Annexure-D**.

- 1.23 Applications for change of name of the unit or transfer of interest in the industry to any other person/unit, will be decided at the level of Head Office on the recommendation of concerned Regional Officer.

The concerned Branch in Head Office dealing with consent management, will submit the proposal to the authorities on the format on the prescribed performa given at **Annexure-E** for approval.

- 1.24 First CTO for expansion of projects, shall be valid for a period up to which the CTO for their existing project already stand granted and in case 1st CTO for expansion project is applied alongwith the application for renewal of CTO for existing project then validity of such CTO shall be the same for both expended and existing projects.
- 1.25 The provisions of inspection policy issued by the Board shall be strictly complied.
- 1.26 No unit shall be established and operated by any person without obtaining prior CTE and CTO respectively under Water Act, 1974/ Act, 1981 from the Board. If the unit after grant of CTE/CTO, intends to shift to another site/location then it will take the fresh CTE for the establishment at the new site/location.

## **2. Procedure for grant of consent to establish (CTE) for new units**

### **2.1 Consent to Establish for new units**

- 2.1.1 The new industrial units/projects falling under Red, Orange and Green Categories listed as **Annexure-I, II & III** respectively, shall apply for Consent to Establish of the Board through the on-line portal of Haryana Enterprises Promotion Centre (HEPC), in the prescribed form alongwith requisite NOC/CTE fee as prescribed by the Board from time to time and will be deposited through online payment gateway as per fees schedule available on the website of the Board i.e. [hspcb.gov.in](http://hspcb.gov.in)
- 2.1.2 Application shall be submitted by the authorized official of the industry/project, duly authorized by the owner/Board of directors / partners of the unit.
- 2.1.3 All documents applicable for respective industrial units/ projects mentioned in the checklist given at **Annexure-V**, will be submitted by the units while applying for CTE, by uploading the same on the online portal.
- 2.1.4 The units while submitting the application for obtaining CTE, shall also submit a performance security through online payment gateway as per the slab given at **Annexure-VI** or revised from time to time,



alongwith undertaking by the applicant as per specimen given at **Annexure-VII**, signifying adherence to the prescribed standards, all the conditions of CTE and indicating awareness about the provisions of the Water Act, 1974/Air Act, 1981 and applicable Rules and self certification regarding not starting of any construction or installation work at site.

- 2.1.5 No inspection is required for the purpose of dealing the cases of CTE unless any violation come to the notice of the Board and undertaking/self certification submitted by the unit, will be considered sufficient to decide the CTE applications, subject to submission of complete application alongwith prescribed documents, consent fee and performance security.
- 2.1.6 If at any stage it is found that the work at the site of the unit was/has been started for construction of plant and installation of machinery before obtaining the consent to establish under Water Act, 1974 and Air Act, 1981 from the Board, legal action will be taken in that case against such units by filing the prosecution case in Special Environment Court for such violations under relevant provisions of the said Acts before or even after grant of CTE, as the case may be.
- 2.1.7 The validity period of CTE so granted by the Board will be as under:-
  - (i). The CTE for the projects requiring Environmental Clearance, shall be granted for a period upto 07 years subject to the validity of Environmental Clearance or the date of commissioning of the project, whichever is earlier.
  - (ii). The CTE, for the projects not requiring Environmental Clearance, shall be granted for a period upto 05 years including stone crushers, hot mix plants, screening plants, brick kilns etc. or the date of commissioning of the project, whichever is earlier.

## **2.2 Renewal/Extension of Consent to Establish**

- 2.2.1 The units intending for auto renewal of their CTE from the Board, shall apply through online portal of HEPC at least 90 days prior to the date of expiry of the period of previous CTE, in prescribed Performa with declaration and undertaking as per **Annexure-VIII** alongwith the prescribed CTE/NOC fees and documents prescribed for extension of CTE as per checklist given in **Annexure-V**.
- 2.2.3 This application shall be submitted by the authorized official of the industry/project, duly authorized by the owner/board of directors / partners of the unit.
- 2.2.4 The consent to establish will be renewed on the basis of self certification only in those cases where there is no change in the raw

material, process, product, increase in overall capital investment cost on land, building, plant and machinery, production capacity and also in pollution load of the unit and will remain the same as declared by the unit in its original application submitted earlier to the Board for obtaining first CTE.

- 2.2.5 The CTE will be renewed only once and for a period of maximum 02 years from the date of expiry of the period of first CTE granted subject to validity of EC if applicable.
- 2.2.6 The units where the CTE has earlier been granted as per provisions of policy notification dated 15.04.2014 and/ or extended upto the eligible period as prescribed in the said notification or less, those units will apply for renewal of CTE for remaining period as applicable as per provisions prescribed in this procedure in Para no. 2.1.5 plus another 02 years (Subject to validity of EC if applicable).
- 2.2.7 The facility for renewal of CTE can be availed for one term only subject to payment of requisite NOC/CTE fees. Such units will deposit requisite NOC/CTE fees for renewal of consent to establish only applicable for one time alongwith the application for auto renewal.
- 2.2.8 In case the unit fails to apply for renewal of CTE before 90 days of expiry of CTE and apply there after upto the date of expiry of CTE then 50% performance security deposited by the unit at the time of obtaining the first CTE, will be forfeited and such units will be required to deposit the forfeited amount of performance security along with application for renewal of CTE. In case of the units which fail to apply for renewal of CTE within the validity period of previous CTE, 100% performance security will be forfeited and direction will be issued to such units by the Board to stop the further construction and installation work of their project.

The units which fail to apply for renewal of CTE within validity period of previous CTE, shall apply afresh along with all relevant documents, NOC/CTE fees and fresh performance security required for grant of fresh CTE with documentary proof that they have not done any work for construction or installation of machinery after expiry of validity period of CTE.

Where ever it come to the notice of the Board at any stage that any unit, applied for extension of CTE or has been extended the CTE, has done any construction or machinery installation work after expiry of validity of CTE, legal action under the relevant provisions of Water Act, 1974 and/or Air Act, 1981 will be taken against such units in that case for such violation.

- 2.2.9 Inspection will not be carried out by the Board's officers for processing the applications for extension/renewal of CTE, except in the cases where any complaint or report has been received in the Board regarding any violation made by the unit.

- 2.2.10 Those units which have been granted CTE but do not want to continue the work for construction and installation of their project beyond the validity period of their CTE, shall submit an undertaking in this regard to the Board, at least 30 days prior to the date of expiry of previous CTE, on prescribed format given at **Annexure IX**, giving the detail about the status of their project constructed and established till the date of submission of such undertaking.

Such units will not start the work for further construction/ installation of their project, without obtaining prior CTE for remaining work of establishment of their project and shall apply for extension as per policy, as and when it is intended to resume the remaining construction/installation work of this project, alongwith the required documents prescribed for extension of CTE, CTE/NOC fees as applicable and self declaration to the effect that they have not done any work at site or construction or installation of machinery after expiry of validity of previous CTE granted by the Board. In case any violation in this regard come to the notice of the Board at any stage then CTE will be refused/cancelled beside taking legal action.

No fresh performance security will be required for such type of cases.

- 2.2.11 In case of building & construction projects or township and area development projects, where the validity period of license issued by Town & Country Planning Department expired after grant of CTE and applied for renewal/extension of CTE without renewal of such license, the CTE for such projects will be extended till the validity of Environmental Clearances of such projects, subject to submission of all required documents prescribed for renewal of CTE and subject to submission of proof regarding submission of their application to Town and Country Planning Department for renewal of their license, with one of the specific condition that the unit will not do any construction work of their project till the renewal of license from Town & Country Planning Department and the extension of CTE so granted will become null & void if such units fail to renew their license for their project from Town & Country Planning Department. The copy of extension of CTE so granted will also be forwarded to Director, Town & Country Planning Department for their information and necessary action.

### **2.3 Consent to Establish for Expansion of the industries/projects**

- 2.3.1 No expansion in the existing industries/projects covered under consent management will be done without prior CTE of the Board.
- 2.3.2 For expansion of the existing industrial units/projects falling under Red, Orange and Green Categories, the application shall be submitted

for Consent to Establish of the Board under Water Act, 1974 and Air Act, 1981 through the on-line portal of the HEPC in the prescribed form alongwith documents related to CTE for expansion projects as per checklist given in **Annexure-V**, applicable performance security as per the slab given at **Annexure-VI** and requisite NOC/CTE fee prescribed by the Board as per fees schedule available on the website of the Board. The performance security and NOC/CTE fees should be deposited through online payment gateway.

- 2.3.3 The performance security and CTE fees for expansion projects shall be charged based on the cost of the expansion project.

In case the project proponent proposes to increase the production capacity within the existing plant without adding any investment cost, then the performance security and CTE fees shall be charged on the basis of capital investment cost of the existing plant.

- 2.3.4 Application shall be submitted by the authorized official of the industry/project, duly authorized by the owner/Board of directors / partners of the unit.

- 2.3.5 Inspection will not be carried out for processing the cases of CTE for Expansion of the industries/projects and cases of CTE for expansion will be decided on the basis of status of compliance of standards for discharge of Environmental Pollutants prescribed under EP Rules, 1986, for the existing plant of the unit supported with the latest analysis reports and valid consent to operate.

- 2.3.6 Period of CTE for expansion projects, shall be same as applicable for establishment of new units at the time of Ist CTE as well as renewal of CTE as prescribed in para no. 2.1 and 2.2 respectively.

- 2.3.7 For extension/renewal of CTE granted for expansion projects, the procedure prescribed in para no. 2.2, shall be applicable.

**List of Red, Orange, Green and White category industries as per CPCB Directions****1. Red Category Industries-89 Nos.**

Sr. No.	Type code	Industry sector-Types	Reference
1.	1001	Isolated storage of hazardous chemicals (as per schedule of manufacturing, storage of hazardous chemicals rules ,1989 as amended)	
2.	1002	Automobile Manufacturing (integrated facilities) <b>having either one or combination of polluting activities namely washing, metal surface finishing operations, pickling, plating, electroplating, phosphating, painting, heat treatment etc. Heavy Engineering and ship building are merged in this category</b>	3-Red, Annexure
3.	1003	Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW( M, H& TBM) rules, 2008 - Items namely - Spent cleared metal catalyst containing copper, Spent cleared metal catalyst containing zinc	
4.	1004	Manufacturing of lubricating oils ,grease and petroleum based Products	
5.	1005	DG Set of capacity $\geq 5$ MVA	
6.	1006	Industrial carbon including electrodes and graphite blocks, activated carbon, carbon black	
7.	1007	Lead acid battery manufacturing (excluding assembling and charging of lead acid battery in micro scale)	
8.	1008	Phosphate rock processing plant	
9.	1009	Power generation plant (except Wind and Solar renewable power plants of all capacities and Mini Hydel power plant of capacity <25MW)	
10.	1010	Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW( M, H& TBM) rules, 2008 - Items namely - Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt	
11.	1011	Processes involving chlorinated hydrocarbons	
12.	1012	Sugar ( excluding Khandsari)	
13.	1013	Fibre glass production and processing (excluding moulding) including lead containing glass	
14.	1014	Fire crackers manufacturing and bulk storage facilities	
15.	1015	Industries engaged in recycling /reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW( M, H& TBM)rules, 2008 - Items namely -Dismantlers Recycling Plants --Components of waste electrical and electronic assemblies comprising accumulators and other batteries included on list A, mercury-switches, activated glass cullets from cathode-ray tubes and other activated glass and PCB-capacitors or any other component contaminated with Schedule 2 constituents (e.g. cadmium, mercury, lead, poly-chlorinated biphenyl) to an extent that they exhibit hazard characteristics indicated in part C of this Schedule.	

16.	1016	Milk processes and dairy products(integrated project) (Large & Medium scale)	O-24
17.	1017	Phosphorous and its compounds	
18.	1018	Pulp & Paper ( waste paper based without bleaching process to manufacture Kraft paper)	
19.	1019	Coke making , liquefaction, coal tar distillation or fuel gas making	
20.	1020	Manufacturing of explosives, detonators, fuses including management and handling activities	
21.	1021	Manufacturing of paints varnishes, pigments and intermediate (excluding blending/mixing)	
22.	1022	Organic Chemicals manufacturing	
23.	1023	Airports and Commercial Air Strips <b>having waste water generation 100 KLD and above</b>	O-84
24.	1024	Asbestos and asbestos based industries	
25.	1025	Basic chemicals and electro chemicals and its derivatives including manufacturing of acid	
26.	1026	Cement	
27.	1027	Chlorates, per-chlorates & peroxides	
28.	1028	Chlorine, fluorine, bromine, iodine and their compounds	
29.	1029	Dyes and Dye- Intermediates	
30.	1030	Health-care Establishment (as defined in BMW Rules) having incinerator irrespective of waste generation <b>(or) having total waste water generation 100 KLD and above</b>	O-85
31.	1031	Hotels having overall waste water generation @ 100 KLD and more <b>(or) having rooms 100 and above</b>	O-38
32.	1032	Industries engaged in recycling /reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW( M, H& TBM) rules, 2008 -Items namely -Lead acid battery plates and other lead s scrap/ashes/residues not covered under Batteries(Management and Handling) Rules,2001. [ * Battery scrap, namely: Lead battery plates covered by ISRI, Code word "Rails" Battery lugs covered by ISRI, Code word "Rakes ".Scrap drained/dry while intact, lead batteries covered by ISRI, Code word "rains "	
33.	1033	Industries engaged in recycling /reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW( M, H& TBM) rules, 2008 -Items namely -Integrated Recycling Plants --Components of waste electrical and electronic assemblies comprising accumulators and other batteries included on list A, mercury switches, activated glass cullets from cathode-ray tubes and other activated glass and PCB-capacitors or any other component contaminated with Schedule 2 constituents (e.g. cadmium, mercury, lead, poly chlorinated	



		biphenyl) to an extent that they exhibit hazard characteristics indicated in part C of this Schedule	
34.	1034	Manufacturing of glue and gelatin	
35.	1035	Mining and ore beneficiation	
36.	1036	Nuclear power plant	
37.	1037	Pesticides (technical) (excluding formulation)	
38.	1038	Photographic film and its chemicals	
39.	1039	Railway locomotive workshop/Integrated road transport workshop/Authorized service centers <b>having waste water generation 100 KLD and above</b>	O-89
40.	1040	Yarn / Textile processing involving any effluent/emission generating processes including bleaching, dyeing, printing and coloring	
41.	1041	Chlor Alkali	
42.	1042	Ship Breaking Industries	
43.	1043	Oil and gas extraction including CBM (offshore & on-shore extraction through drilling wells)	
44.	1044	Industry or process involving metal surface treatment or process such as pickling/electroplating/paint stripping/heat treatment using cyanide bath/ phosphating or finishing and anodizing / enamellings/ galvanizing	
45.	1045	Tanneries	
46.	1046	Ports and harbour, jetties and dredging operations	
47.	1047	Synthetic fibers including rayon, tyre cord, polyester filament yarn	
48.	1048	Thermal Power Plants	
49.	1049	Slaughter house (as per notification S.O.270(E) dated 26.03.2001) and meat processing industries, bone mill, processing of animal horn, hoofs and other body parts	
50.	1050	Aluminum Smelter	
51.	1051	Copper Smelter	
52.	1052	Fertilizer (basic) (excluding formulation)	
53.	1053	Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units	
54.	1054	Pulp & Paper ( waste paper based units with bleaching process to manufacture writing & printing paper)	
55.	1055	Zinc Smelter	
56.	1056	Oil Refinery (mineral Oil or Petro Refineries)	

57.	1057	Petrochemicals Manufacturing (including processing of Emulsions of oil and water )	
58.	1058	Pharmaceuticals	
59.	1059	Pulp & Paper ( Large-Agro +wood) , Small Pulp &Paper ( agro based-wheat straw/rice husk)	
60.	1060	Distillery ( molasses / grain / yeast based)	
<b>61.</b>	<b>1061</b>	<b>Synthetic detergents and soaps (excluding formulation) having waste water generation 100 KLD and above.</b>	<b>O-13</b>
<b>62.</b>	<b>1062</b>	<b>Automobile servicing, repairing and painting (excluding only fuel dispensing) having waste water generation 100 KLD and above.</b>	<b>O-18</b>
<b>63.</b>	<b>1063</b>	<b>Building and construction projects more than 20,000 sq. m built up area and having waste water generation 100 KLD and above.</b>	<b>O-21</b>
<b>64.</b>	<b>1064</b>	<b>Ceramics and Refractories having coal/fuel consumption 12 MT/day and more</b>	<b>O-22</b>
<b>65.</b>	<b>1065</b>	<b>Fermentation industry including manufacture of yeast, beer, distillation of alcohol (Extra Neutral Alcohol) having waste water generation 100 KLD and above.</b>	<b>O-27</b>
<b>66.</b>	<b>1066</b>	<b>Ferrous and Non-ferrous metal extraction involving different furnaces through melting, refining, re-processing, casting and alloy making-Secondary production of Ferrous and Non-ferrous metals more than 1 MT/hr production (or) Lead extraction irrespective of capacity (or) metal extraction having Induction Furnace clubbed with AOD furnace.</b>	<b>O-28</b>
<b>67.</b>	<b>1067</b>	<b>Industry or processes involving foundry operations having capacity of 5 MT/hr and more as such units require using coal/coke at more than 500 Kg/hr.</b>	<b>O-42</b>
<b>68.</b>	<b>1068</b>	<b>Manufacturing of glass (Lead glass only)</b>	<b>O-45</b>
<b>69.</b>	<b>1069</b>	<b>Non-alcoholic beverages (soft drink) &amp; bottling of alcohol/nonalcoholic products having waste water generation 100 KLD and above.</b>	<b>O-53</b>
<b>70.</b>	<b>1070</b>	<b>Vegetable oil manufacturing including solvent extraction and refinery /hydrogenated oils having waste water generation 100 KLD and above.</b>	<b>O-71</b>
<b>71.</b>	<b>1071</b>	<b>Parboiled Rice Mills having waste water generation 100 KLD and above (or) fuel consumption 12 MTD and above (or) both</b>	<b>O-79</b>
<b>72.</b>	<b>1072</b>	<b>Common treatment and disposal facilities- TSDF</b>	<b>1R</b>

73.	1073	Common treatment and disposal facilities – E-waste recycling	1R
74.	1074	Common treatment and disposal facilities - CBMWTF	1R
75.	1075	Effluent conveyance projects	1R
76.	1076	Common treatment and disposal facilities-Solvent/acid recovery plant	1R
77.	1077	MSW sanitary land fill site	1R
78.	1078	Common treatment and disposal facilities-CETP for Red category Industries	1R
79.	1079	Industrial estates/ parks / complexes/ areas/ export processing zones/ SEZs/ Biotech parks/ leather complex	5R
80.	1080	Pharmaceutical R & D activities (For sustained release/extended release of drugs only and not for commercial purpose)	O-74
<b>LEFT OUT SECTORS IN THE CPCB CATEGORISATION</b>			
81.	1081	Sewage Treatment Plants	Note- R-1
82.	1082	Pyrolysis Plants	
83.	1083	Tyre, tube & rubber components with boiler	
84.	1084	Analytical & material testing lab	
85.	1085	Industrial inorganic gases namely a) Chemical gases: Acetylene, hydrogen, Chlorine, Flourine, ammonia, Sulphur Dioxide etc. b) Hydro carbon gases: Methane, Ethane, Propane	
86.	1086	Reprocessing of waste oil	
87.	1087	Area/Infrastructure development projects covered under EIA notification	O-2-Annexure & O-91
88.	1088	Sand mining Projects of Category A and B <sub>1</sub> under EIA notification	O-1-Annexure and O-90
89.	1999	Miscellaneous (Red)	

**NOTE:** Sl. No. 61 to 80 are added to get clarity in CPCB list, and Sl. No. 81 to 88 are added based on scoring done by Committee of PPCB.

2. **Orange Category Industries-104 Nos.**

Sr. No.	Type code	Industry sector-Types	Reference
1.	2001	Dismantling of rolling stocks (wagons/coaches)	
2.	2002	Bakery and confectionery units with production capacity>1TPD (with ovens/furnaces)/units having production <1TPD with oven/furnace other than electric/gas oven	

3.	2003	Chanachur and laddoo from puffed and beaten rice (muri and shira) using husk fired oven	
4.	2004	Coated electrode manufacturing	
5.	2005	Compact disc computer floppy and cassette manufacturing/Reel Manufacturing	
6.	2006	Flakes from rejected PET bottle	
7.	2007	Food and food processing including fruits and vegetables processing	
8.	2008	Jute processing without dyeing	
9.	2009	Manufacturing of silica gel	
10.	2010	Manufacturing of tooth powder, toothpaste, talcum powder and other cosmetic items	
11.	2011	Printing or etching of glass sheet using hydrofluoric acid	
12.	2012	Silk screen printing, sari printing by wooden blocks	
13.	2013	Synthetic detergents and soaps(excluding formulation) <b>having waste water generation &lt; 100 KLD</b>	R-61
14.	2014	Thermometer manufacturing	
15.	2015	Cotton spinning and weaving (medium and large scale)	
16.	2016	Almirah, Grill Manufacturing (Dry Mechanical Process) <b>with spray painting</b>	W-39
17.	2017	Aluminum & copper extraction from scrap using oil fired furnace (dry process only)	
18.	2018	Automobile servicing, repairing and painting (excluding only fuel dispensing) <b>having waste water generation less than 100 KLD</b>	R-62 W-81
19.	2019	Ayurvedic and homeopathic medicine( <b>with Boiler</b> )	G-2
20.	2020	Brickfields ( excluding fly ash brick manufacturing using lime process)	
21.	2021	Building and construction project more than 20,000 sq. m built up area <b>and having waste water generation less than 100 KLD</b>	R-63
22.	2022	Ceramics and Refractories <b>having coal / fuel consumption less than 12 MT/day</b>	R-64
23.	2023	Coal washeries	
24.	2024	Dairy and dairy products ( small scale)	R-16
25.	2025	DG set of capacity >1MVA but < 5MVA	
26.	2026	Dry coal processing, mineral processing, industries involving ore sintering, pelletisating, grinding & pulverization	
27.	2027	Fermentation industry including manufacture of yeast, beer, distillation of alcohol (Extra Neutral Alcohol) <b>having waste water generation less than 100 KLD</b>	R-65

28.	2028	Ferrous and Non- ferrous metal extraction involving different furnaces through melting, refining, re-processing, casting and alloy making- <b>Secondary production of Ferrous and Non-ferrous metals (excluding lead) upto 1 MT/hr production</b>	R-66
29.	2029	Fertilizer (granulation / formulation /blending only)	
30.	2030	Fish feed, poultry feed and cattle feed	
31.	2031	Fish processing and packing (excluding chilling of fishes)	
32.	2032	Forging of ferrous and non- ferrous metals (using oil and gas fired furnaces)	
33.	2033	Formulation/pelletization of camphor tablets, naphthalene balls from camphor/ naphthalene powders	
34.	2034	Glass ceramics, earthen potteries and tile manufacturing using oil and gas fired kilns, coating on glasses using cerium fluorides and magnesium fluoride etc	
35.	2035	Gravure printing, digital printing on flex, vinyl	
36.	2036	Heat treatment using oil fired furnace (without cyaniding)	
37.	2037	Hot mix plants	
38.	2038	Hotels (< 3 star) or hotels having > 20 rooms and less than 100 rooms <b>or having waste water generation &gt; 10 KLD and less than 100 KLD and having a coal/Oil fired Boiler</b>	R-31
39.	2039	Ice cream	
40.	2040	Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW( M, H& TBM) rules, 2008 – Items namely - Paint and ink Sludge/residues	
41.	2041	Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW( M, H& TBM) rules, 2008 - Items namely - Brass Dross , Copper Dross, Copper Oxide Mill Scale, Copper Reverts, Cake & Residues, Waste Copper and copper alloys in dispersible form, Slags from copper processing for further processing or refining, Insulated Copper Wire, Scrap/copper with PVC sheathing including ISRI-code material namely "Druid",Jelly filled Copper cables, Zinc Dross-Hot dip Galvanizers SLAB, Zinc Dross-Bottom Dross, Zinc ash/Skimmming arising from galvanizing and die casting operations, Zinc ash/Skimmming/other zinc bearing wastes arising from smelting and refining, Zinc ash and residues including zinc alloy residues in dispersible form	
42.	2042	Industry or processes involving foundry operations <b>having capacity &lt; 5 MT/hr as such units require coal/coke at less than 500 Kg/hr</b>	R-67
43.	2043	Lime manufacturing (using lime kiln)	

44.	2044	Liquid floor cleaner, black phenyl, liquid soap, glycerol mono-stearate manufacturing	
45.	2045	Manufacturing of glass <b>(except Lead glass)</b>	R-68
46.	2046	Manufacturing of iodized salt from crude/ raw salt	
47.	2047	Manufacturing of mirror from sheet glass	
48.	2048	Manufacturing of mosquito repellent coil.	
49.	2049	Manufacturing of Starch/Sago	
50.	2050	Mechanized laundry using oil fired boiler	
51.	2051	Modular wooden furniture from particle board, MDF< swan timber etc, Ceiling tiles/ partition board from saw dust, wood chips etc., and other agricultural waste using synthetic adhesive resin, wooden box making (with boiler)	G-64
52.	2052	New highway construction projects	
53.	2053	Non-alcoholic beverages (soft drink) & bottling of alcohol/non alcoholic products <b>having waste water generation less than 100 KLD</b>	R-69
54.	2054	Paint blending and mixing (Ball mill)	
55.	2055	Paints and varnishes (mixing and blending)	
56.	2056	Ply-board manufacturing(including Veneer and laminate) with oil fired boiler/ thermic fluid heater(without resin plant)	
57.	2057	Potable alcohol (IMFL) by blending, bottling of alcohol products	
58.	2058	Printing ink manufacturing	
59.	2059	Printing press	
60.	2060	Reprocessing of waste plastic including PVC	
61.	2061	Rolling mill (oil or coal fired) and cold rolling mill	G-40
62.	2062	Spray painting, paint baking, paint shipping	
63.	2063	Steel and steel products using various furnaces like blast furnace /open hearth furnace/induction furnace/arc furnace/submerged arc furnace /basic oxygen furnace /hot rolling reheated furnace	
64.	2064	Stone crushers	
65.	2065	Surgical and medical products including prophylactics and latex	
66.	2066	Tephlon based products	



67.	2067	Thermocol manufacturing (with boiler)	
68.	2068	Tobacco products including cigarettes and tobacco/opium processes	
69.	2069	Transformer repairing/ manufacturing (dry process only)	
70.	2070	Tyres and tubes vulcanization/ hot retreading	
71.	2071	Vegetable oil manufacturing including solvent extraction and refinery /hydrogenated oils <b>having waste water generation &lt; 100 KLD</b>	R-70
72.	2072	Wire drawing and wire netting	
73.	2073	Dry cell battery (excluding manufacturing of electrodes) and assembling & charging of acid lead battery on micro scale	
74.	2074	Pharmaceutical formulation and for R & D purpose (For sustained release/ extended release of drugs only and not for commercial purpose)	
75.	2075	Synthetic resins	
76.	2076	Synthetic rubber excluding moulding	
77.	2077	Cashew nut processing	
78.	2078	Coffee seed processing	
79.	2079	Parboiled Rice Mills <b>having waste water generation &lt; 100 KLD and fuel consumption less than 12 MTD</b>	R-71
80.	2080	Foam manufacturing	
81.	2081	Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW( M, H& TBM) rules, 2008 – Items namely -Used Oil – As per specifications prescribed from time to time.	
82.	2082	Industries engaged in recycling / reprocessing/ recovery/reuse of Hazardous Waste under schedule iv of HW( M, H& TBM) rules, 2008 – Items namely –Waste Oil ---As per specifications prescribed from time to time.	
83.	2083	Producer gas plant using conventional up drift coal gasification (linked to rolling mills glass and ceramic industry refectories for dedicated fuel supply	
84.	2084	<b>Airports and Commercial Air Strips having waste water generation &lt; 100 KLD</b>	<b>R-23</b>
85.	2085	<b>Health-care Establishment ( as defined in BMW Rules) without incinerator and having total waste water generation less than 100 KLD</b>	<b>R-30</b>

<b>86.</b>	<b>2086</b>	<b>Common treatment and disposal facilities(CETP for Orange category industries)</b>	<b>1R</b>
<b>87.</b>	<b>2087</b>	<b>Manufacturing of pasted veneers using gas fired boiler or thermic fluid heater and by sun drying</b>	<b>G-28</b>
<b>88.</b>	<b>2088</b>	<b>Tea processing (with boiler)</b>	<b>G-63</b>
<b>89.</b>	<b>2089</b>	<b>Railway locomotive work shop/Integrated road transport workshop/Authorized service centers having waste water generation &lt; 100 KLD</b>	<b>R-39</b>

#### **LEFT OUT SECTORS IN THE CPCB CATEGORISATION**

90.	2090	Sand minding projects of Category B <sub>2</sub> covered under EIA notification.	O-1-Annexure and R-89
91.	2091	Area/Infrastructure Development Project including educational institutions, community hall, IT Park, Theme park (Not covered under EIA notification 2006)	O-2-Annexure & R-88
92.	2092	Chemical mixing cum storage units	
93.	2093	Pesticides formulation	
94.	2094	Rice Mills (With or without dryer)> 10 TPD	G-39
95.	2095	Marriage Palaces	
96.	2096	Bottling of gases	
97.	2097	Infrastructure development projects not covered under EIA notification.	
98.	2098	Surgical cotton including wet process	
99.	2099	Building and construction project ≤ 20,000 sq. m built up area	O-21
100.	2100	Light Engineering & Fabrication units with spray painting	
101.	2101	Hosiery /Garment manufacturing with washing only (without bleaching and dying) with discharge greater than or equal to 2 KLD	G-67
102.	2102	Tyre, tube & rubber components without boiler and rubber reclaim industry	
103.	2103	Injection moulding of plastic{ only from fresh(virgin) plastic granules and only large & medium scale industry}	G-68
104.	2999	Miscellaneous (Orange)	

**NOTE:- Sl. No.84 to 89 are added to get clarity in CPCB list, and Sl. No.90 to 103 are added based on scoring done by the Committee of PPCB.**

### **3. Green Category Industries -70 Nos.**

<b>Sr. No.</b>	<b>Type Code</b>	<b>Industry Sector-Types</b>	<b>Reference</b>
1.	3001.	Aluminum utensils from aluminum circles by pressing only (dry mechanical operation)	
2.	3002.	Ayurvedic and homeopathic medicines (without boiler)	O-19
3.	3003.	Bakery /confectionery /sweets products (with production capacity <1TPD (with gas or electrical oven)	
4.	3004.	Bi-axially oriented PP film along with metalizing operations	
5.	3005.	Biomass briquettes (sun drying) without using toxic hazardous wastes	
6.	3006.	Blending of melamine resins & different powder, additives by physical mixing	
7.	3007.	Brass and bell metal utensils manufacturing from circles(dry mechanical operation without re-rolling facility)	
8.	3008.	Candy	
9.	3009.	Cardboard or corrugated box and paper products (excluding paper or pulp manufacturing and without using boilers)	
10.	3010.	Carpentry & wooden furniture manufacturing (excluding saw mill) with the help of electrical (motorized) machines such as electrical wood planner, steel saw cutting circular blade, etc.	
11.	3011.	Cement products (without using asbestos / boiler / steam curing) like pipe ,pillar, jafri, well ring, block/tiles etc.(should be done in closed covered shed to control fugitive emissions)	
12.	3012.	Ceramic colour manufacturing by mixing & blending only (not using boiler and wastewater recycling process)	
13.	3013.	Chilling plant, cold storage and ice making	
14.	3014.	Coke briquetting ( sun drying)	
15.	3015.	Cotton spinning and weaving (small scale)	
16.	3016.	Dal Mills	
17.	3017.	Decoration of ceramic cups and plates by electric furnace	
18.	3018.	Digital printing on PVC clothes	
19.	3019.	Facility of handling, storage and transportation of food grains in bulk	

20.	3020.	Flour mills (dry process)	
21.	3021.	Glass , ceramic, earthen potteries, tile and tile manufacturing using electrical kiln or not involving fossil fuel kiln	
22.	3022.	Glue from starch (physical mixing) with gas /electrically operated oven /boiler.	
23.	3023.	Gold and silver smithy (purification with acid smelting operation and sulphuric acid polishing operation) (using less or equal to 1 litre of sulphuric acid/ nitric acid per month)	
24.	3024.	Heat treatment with any of the new technology like ultrasound probe, induction hardening, ionization beam, gas carburizing etc.	
25.	3025.	Insulation and other coated papers (excluding paper or pipe manufacturing)	
26.	3026.	Leather foot wear and leather products (excluding tanning and hide processing except cottage scale)	
27.	3027.	Lubricating oil, greases or petroleum based products (only blending at normal temperature)	
28.	3028.	Manufacturing of pasted veneers using gas fired boiler or thermic fluid heater and by sun drying <b>(except coal fired boiler)</b>	O-87
29.	3029.	Oil mill Ghani and extraction ( no hydrogenation / refining)	
30.	3030.	Packing materials manufacturing from non asbestos fibre, vegetable fibre yarn	
31.	3031.	Phenyl/toilet cleaner formulation and bottling	
32.	3032.	Polythene and plastic processed products manufacturing (virgin plastic)	
33.	3033.	Poultry, Hatchery and Piggery	
34.	3034.	Power looms (without dye and bleaching)	
35.	3035.	Puffed rice (muri) (using gas or electrical heating system)	
36.	3036.	Pulverization of bamboo and scrap wood	
37.	3037.	Ready mix cement concrete	
38.	3038.	Reprocessing of waste cotton	
39.	3039.	Rice mill (Rice hullers only) < 10 TPD	O-94
40.	3040.	Rolling mill ( gas / electric fired) and cold rolling mill	O-61

41.	3041.	Rubber goods industry (with gas operated baby boiler)	
42.	3042.	Saw mills	
43.	3043.	Soap manufacturing (hand made without steam boiling / boiler)	
44.	3044.	Spice grinding (upto-20 HP motor)	
45.	3045.	Spice grinding (>20 hp motor)	
46.	3046.	Steel furniture without spray painting	
47.	3047.	Steeping and processing of grains	
48.	3048.	Tyres and tube retreading (without boilers)	
49.	3049.	Chilling plant and ice making without using ammonia	
50.	3050.	CO <sub>2</sub> recovery	
51.	3051.	Distilled water ( without boiler) with electricity as source of heat	
52.	3052.	Hotels (up to 20 rooms and without boilers) <b>and having waste water generation &lt; 10 KLD and no hazardous waste generation</b>	R-31 O-38
53.	3053.	Manufacturing of optical lenses (using electrical furnace)	
54.	3054.	Mineralized water	
55.	3055.	Tamarind powder manufacturing	
56.	3056.	Cutting, sizing and polishing of marble stone	
57.	3057.	Emery powder ( fine dust of sand) manufacturing	
58.	3058.	Flyash export, transport & disposal facilities	
59.	3059.	Mineral stack yard / Railway sidings	
60.	3060.	Oil and gas transportation pipeline contains small gas waste power plants upto 5 MW	
61.	3061.	Seasoning of wood in steam heated chamber	
62.	3062.	Synthetic detergent formulation units <b>which are not manufacturing LABSA</b>	
63.	3063.	Tea processing ( without boiler)	O-88
64.	3064.	<b>Modular wooden furniture from particle board, MDF&lt; swan timber etc, Ceiling tiles/ partition board from saw dust, wood chips etc., and other agricultural waste using synthetic adhesive resin, wooden box making (without boiler)</b>	O-51

**Left out sectors in the CPCB Categorization.**

65.	3065.	D.G. Sets more than 10 KVA	
66.	3066.	Steam calendaring /zero finishing /centering etc. (without washing process)	
67.	3067.	Hosiery /Garment manufacturing with washing only (without bleaching and dying) with discharge less than 2 KLD and is connected to Public sewer	O-101
68.	3068.	Injection molding of plastic{ only from fresh(virgin) plastic granules and only small scale industry}	O-103
69.	3069.	Stand alone sand / shot blasting with inbuilt bag filter	
70.	3999.	Miscellaneous (Green)	

**Note :** SI No. 64 is added to get clarity in CPCB list, and SI. No. 65 to 69 are added based on scoring done by the Committee of PPCB.

**4. White Categories Industries- 137 Nos.**

<b>Sr. No.</b>	<b>Type Code</b>	<b>Industry Sector-Types</b>	<b>Reference</b>
1.	4001.	Assembly of air coolers/conditioners, repairing and servicing	
2.	4002.	Assembly of bicycles ,baby carriages and other small non motorizing vehicles	
3.	4003.	Bailing (hydraulic press)of waste papers	
4.	4004.	Bio fertilizer and bio-pesticides without using inorganic chemicals	
5.	4005.	Biscuits trays etc from rolled PVC sheet (using automatic vacuum forming machines)	
6.	4006.	Blending and packing of tea	
7.	4007.	Block making of printing without foundry (excluding wooden block making)	
8.	4008.	Chalk making from plaster of Paris (only casting without boilers etc. ( sun drying /electrical oven)	
9.	4009.	Compressed oxygen gas from crude liquid oxygen ( without use of any solvents and by maintaining pressure & temperature only for separation of other gases)	
10.	4010.	Cotton and woolen hosiery making (Dry process only without any dying / washing operation)	
11.	4011.	Diesel pump repairing and servicing (complete mechanical dry process)	



12.	4012.	Electric lamp ( bulb) and CFL manufacturing by assembling only	
13.	4013.	Electrical and electronic item assembling (completely dry process)	
14.	4014.	Engineering and fabrication units (dry process without any heat treatment / metal surface finishing operations / painting)	
15.	4015.	Flavoured betel nuts production/ grinding (completely dry mechanical operations)	
16.	4016.	Fly ash bricks/ block manufacturing	
17.	4017.	Fountain pen manufacturing by assembling only	
18.	4018.	Glass ampules and vials making from glass tubes	
19.	4019.	Glass putty and sealant (by mixing with machine only)	
20.	4020.	Ground nut decorticating	
21.	4021.	Handloom/ carpet weaving (without dying and bleaching operation)	
22.	4022.	Leather cutting and stitching (more than 10 machines and using motor)	
23.	4023.	Manufacturing of coir items from coconut husks	
24.	4024.	Manufacturing of metal caps containers etc	
25.	4025.	Manufacturing of shoe brush and wire brush	
26.	4026.	Medical oxygen	
27.	4027.	Organic and inorganic nutrients ( by physical mixing)	
28.	4028.	Organic manure (manual mixing)	
29.	4029.	Packing of powdered milk	
30.	4030.	Paper pins and u clips	
31.	4031.	Repairing of electric motors and generators (dry mechanical process)	
32.	4032.	Rope (plastic and cotton)	
33.	4033.	Scientific and mathematical instrument manufacturing	
34.	4034.	Solar module non conventional energy apparatus manufacturing unit	

35.	4035.	Solar power generation through solar photovoltaic cell, wind power and mini hydel power (less than 25 MW)	
36.	4036.	Surgical and medical products assembling only (not involving effluent / emission generating processes)	

**Left out sectors in the CPCB categorization.**

37.	4037.	Aggarbatti and cosmetic products manufactured by blending (Dry Process)	
38.	4038.	All types of toys & Doll making electrical without wet process.	
39.	4039.	Almirah, Grill Manufacturing (Dry Mechanical Process) <b>without spray painting</b>	O-16
40.	4040.	Aluminium, Stainless Steel, Brass Vessel marking units having only process, spinning without use of buffing, polishing and pickling, washing, Hot/Cold rolling annealing furnace and anodizing processes	
41.	4041.	Assembling of Door closer and Rings	
42.	4042.	Assembly of air coolers/conditioners repairing and servicing	
43.	4043.	Assembly of Computer, Computer peripherals and Computer Software	
44.	4044.	Atta Chakki and Millet grinding	
45.	4045.	Audio, Video and consumer electronic equipment assembly only	
46.	4046.	Automobile Body building without wet process	
47.	4047.	Automobile Repair Workshop. (without any wet process)	
48.	4048.	Beauty Parlour	
49.	4049.	Bee keeping	
50.	4050.	Belt Fastner units without wet process	
51.	4051.	Bindi making units	
52.	4052.	Bio-gas	
53.	4053.	Biscuits, Pastries, Cakes, Confectionery, Bread, Bakery upto 100 kg/day	
54.	4054.	Black Smithy Shop	
55.	4055.	Printing, Offset Printing	

56.	4056.	Book Binding	
57.	4057.	Brush making units with fibre/plastic wire	
58.	4058.	Candle manufacture	
59.	4059.	Carpentry & furniture units without Seasoning without electrical motor	
60.	4060.	Carpet weaving	
61.	4061.	Chewing Tobacco packing	
62.	4062.	Coated electrode manufacturing	
63.	4063.	Cotton Belts and Tapes/Cotton Niwar etc.	
64.	4064.	Cotton cloth Knitting	
65.	4065.	Cotton quilt and mattresses making	
66.	4066.	Cotton socks-knitting	
67.	4067.	Crown cork making units	
68.	4068.	Dairy farming (Rural Area focal points periphery of ½ K.M)	
69.	4069.	Diesel Generator sets < 10 KVA	
70.	4070.	DPC coating of copper and aluminium were without any wet process	
71.	4071.	Drawing, Surveying and Scientific instrument making with no wet process	
72.	4072.	Dry Grinding of spices	
73.	4073.	Electrical Switches, accessories making and Panel Board without wet process	
74.	4074.	Electrical/electronics testing and measuring instruments without wet process	
75.	4075.	Electronic Components without use of chemicals	
76.	4076.	Embroidery	
77.	4077.	Fabrication units connected with animal drawn vehicles, trailers without any heat treatment, furnace use i.e. with no emissions.	
78.	4078.	Finished leather goods, conversion of finished without wet process.	
79.	4079.	Fish Ponds	

80.	4080.	Floor Polish, Nail Polish, Tooth Powder, Hair Oil, Shampoo and Tooth Paste with blending only	
81.	4081.	Fuel Dispensing only (without Automobile servicing, repairing and painting.	O-18
82.	4082.	Garments manufacturing without wet process.	
83.	4083.	General Wire Industries like wire drawing, barbed wire, Chain links, making units without wet process.	
84.	4084.	Gold/Silver smithy shops with no water or chemical use.	
85.	4085.	Green House/Floriculture under Mechanized process under controlled temperature.	
86.	4086.	Hand Tools without casting.	
87.	4087.	Handicraft.	
88.	4088.	Handlooms without wet process	
89.	4089.	Household appliances and kitchen equipment, without wet process.	
90.	4090.	IT industry as per Board's office order no. GPC/Inf.Tech/F-53/2010/3 dated 16.2.2010 as amended from time to time	
91.	4091.	Jobbing and machining	
92.	4092.	Knitting cloth/Fabrics (Small Scale) Dry process.	
93.	4093.	Lathe and Welding sets (only electrical) without casting.	
94.	4094.	Manufacture of Cement Blocks/Jallies etc.	
95.	4095.	Manufacture of Steel trunks/boxes/drums/Shutters	
96.	4096.	Marketing/Industrial Consultancy/Advertising Agencies	
97.	4097.	Mechanical clock/watches etc.	
98.	4098.	Light Engineering & fabrication units without spray painting (Dry process only)	
99.	4099.	Mfg. of Transformers without poly chlorinated Hydrocarbon	
100.	4100.	Mosaic tiles, cement pipes. Spun pipes manufacturing units	
101.	4101.	Motor and Pump Making without foundry and wet process	
102.	4102.	Mushroom cultivation under controlled conditions/temperature and its compost making	

103.	4103.	Musical instrument with no wet process	
104.	4104.	Non-conventional Energy items	
105.	4105.	Nut cracking & roasting	
106.	4106.	Oil extraction by kohlus or expellers without Boiler	
107.	4107.	Optical Frames and glasses without wet process	
108.	4108.	Orthopedic equipment's without casting/wet process	
109.	4109.	Packing and Processing of items using Mechanized Process	
110.	4110.	Packing of Agricultural/Forest Produce under controlled Temperature (Mechanized Process)	
111.	4111.	Paints and varnishes (mixing and blending) (without ball mill) (without any wet process)	
112.	4112.	Paper Pins, 'U' Clips, pen Holders, pen & paper products without wet process	
113.	4113.	Paper Products without wet process	
114.	4114.	Plastic Niwar from monofilament yarn	
115.	4115.	Polythene Bags from Monofilament Sheets/polythene sheets	
116.	4116.	Powerloom Weaving (Small Scale) Dry process	
117.	4117.	Preparation of Photo identify card by using video camera-laser printing	
118.	4118.	R.C.C Bricks	
119.	4119.	Seed Processing Units/hybrid Seeds- Mechanized process	
120.	4120.	Sericulture units	
121.	4121.	Small restaurants, coffee/Tea shops and Snack Bars	
122.	4122.	Solar Energy Panel makings	
123.	4123.	Spinning (Small Scale) Dry process	
124.	4124.	Sports Goods without leather tanning & other wet process	
125.	4125.	STD Booth/cable T.V Net Work/EPBAX	
126.	4126.	Tailoring Shop as SSSBI	
127.	4127.	Tea Grading and packing	

128.	4128.	Telecommunication equipment without wet process.	
129.	4129.	Typing Centre/Xeroxing	
130.	4130.	Tyre rethreading (only cold processing).	
131.	4131.	Umbrellas, Raincoats, Tarpaulins without wet process	
132.	4132.	Weigh Bridge	
133.	4133.	Weighing machines with no wet process	
134.	4134.	Welding Electrodes	
135.	4135.	Wooden and corrugated Crates and Boxes	
136.	4136.	Zip Fasteners	
137.	4137.	Power press	

**Note No.1:** The exemption from obtaining consent of the Board under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 & Air (Prevention & Control of Pollution) Act, 1981 and Hazardous Waste Management Rules, 2016 for the above mentioned 136 White Category of industries, if the unit satisfies the following conditions:-

- i) That the industry is established/being established in the demarcated Industrial Estates/Zones classified by the State Authorities viz PSIEC, Department of Industries, PUDA, CTP under draft Master Plan or in mixed category area or predominantly Industrial areas within Municipal limit of a Town/City after classification of the area by CTP/STP/DTP.
- ii) That the investment of the industry is not more than Rs. 1 Crore on plant and machinery.
- iii) That there will not be any discharge of trade effluent from the industry into stream or well or sewer or onto land and/or that industry will not discharge any air pollution including noise into the atmosphere.
- iv) That the industry will not discharge any toxic/hazardous wastes and will not handle any toxic/hazardous chemical.

In case the industry is found to create conditions that generate any type of pollution or if there is any objection from the surrounding community and if on verification, it is found that such objection has some substance, the Board shall be at liberty to take legal action against the industry under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 or Environment(Protection) Act, 1986 as considered appropriate.

**Note No.2:** -The industries which falls under white category of industries and have installed DG set of capacity more than 10 KVA and less than 1 MVA, such industries shall obtain consent only for the DG set under green category.