

**THE INFORMATION HANDBOOK UNDER THE RIGHT TO INFORMATION ACT, 2005**

**OBLIGATION OF PUBLIC AUTHORITIES**

**DATE :- 31.08.2021**

**TAMILNADU POLLUTION CONTROL BOARD**

## **Chapter-1**

### **Introduction**

#### **Information pertaining to Right to Information Act, 2005**

Section 4 (1) (b) of the said Act casts an obligation on each public authority to publish a manual on the particulars of its organization, functions, duties etc. within expiry of 120 days from the enactment of this Act. The manuals on the seventeen items mentioned in the said Act are prepared and enclosed in the chapters to follow.

#### **Purpose**

Creating awareness of the functions, duties and regulations as contemplated in the Environmental Acts which are followed by Tamilnadu Pollution Control Board, to those who abide by them and are concerned about the protection of environment.

#### **Intended users**

Public seeking information under the Right to Information Act, 2005.

#### **Organisation**

Tamilnadu Pollution Control Board.

76, Mount Salai, Guindy, Chennai-600 032.

Phone: 044-22353134, 22353135. Web site - [www.tnpcb.gov.in](http://www.tnpcb.gov.in)

#### **Contact person in order to get information**

Public Information Officer, Asst. Public Information Officers, Appellate Authority of Tamilnadu Pollution Control Board. E.mail: [tnpcb-chn@gov.in](mailto:tnpcb-chn@gov.in)

FAX: 044-2235 3068

#### **Procedure and fee structure for getting information:**

Every application for obtaining information under The Right to Information Act, 2005 shall accompany with a fee of Rupees 10/- payable by cash or demand draft or Banker Cheque or Treasury Challan or / by affixing Court Fee Stamp in favour of Tamilnadu Pollution Control Board.

## Chapter-2 (Manual-1)

### Particulars of its organization, functions and duties

#### **Purpose of the public Authority:**

The TAMILNADU POLLUTION CONTROL BOARD (TNPCB) was established on 27.02.1982 under Section 4 of the Water (Prevention and Control of pollution) Act, 1974(Central Act 6 of 1974), for the prevention, control and abatement of pollution of streams and wells and Air pollution in the State.

#### **Vision Statement of the Public authority:**

TNPCB – VISION – “To Forge Partnerships with the Stakeholders for Responsible and Sustainable Development”

#### **Brief history of the TNPCB:**

The Tamilnadu Pollution Control Board functions as a Three tier structure with Head Office at Chennai. There are 8 zonal offices headed by Joint Chief Environmental Engineers (Monitoring) located at Chennai, Vellore, Coimbatore, Cuddalore, Salem, Trichy, Tirunelveli and Madurai. There are 38 district Offices headed by the District Environmental Engineers located at Chennai, Tiruvallur, Ambattur, Sriperumbudur, Maraimalarnagar, Gummidipoondi, Ariyalur, Vellore, Vaniyambadi, Hosur, Salem, Namakkal, Erode, Perundurai, Kumarapalayam, Coimbatore (North), Coimbatore (South), Cuddalore, Tiruppur (North), Tiruppur (South), Thanjavur, Trichy, Karur, Dindigul, Madurai, Virudhunagar, Thoothukudi, Tirunelveli, Villupuram, Nagapattinam, Pudukkottai, Nagarcoil, Udhamandalam, Thiruvannamalai, Theni, Sivagangai, Dharmapuri, and Ramanathapuram.

In addition five flying squads are functioning at Chennai, Erode, Salem, Tiruppur and Vellore headed by Environmental Engineer.

Further to assist the Board in monitoring, the Board has established 8 Advanced Environmental Laboratories at Chennai, Coimbatore, Cuddalore, Madurai, Salem, Trichy, Tirunelveli and Vellore and 8 District Environmental laboratories at Ambattur, Chennai (Manali), Maraimalai Nagar, Dindigul, Hosur, Tiruppur, Perundurai, and Thoothukudi Districts each headed by Additional Manager (Lab)/Deputy Manager(Lab).

#### **Functions of the TNPCB:**

TNPCB enforces the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Water (Prevention and Control of Pollution) Cess Act, 1977, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the rules made under these Acts.

The main functions of the TNPCB under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 are as follows:

- To plan a comprehensive programme for the prevention, control and abatement of pollution of streams and wells and air pollution in the State and to secure the execution thereof;
- To advise the State Government on any matter concerning the prevention, control or abatement of water and air pollution.
- To collect and disseminate information relating to water and air pollution and the prevention, control or abatement thereof.
- To inspect sewage or trade effluents, works and plants for the treatment of sewage and

trade effluents for their effectiveness and to review plans, specifications for corrective measures.

- To inspect industrial plants or manufacturing process, any control equipment and to give directions to take steps for the prevention, control or abatement of air pollution.
- To inspect air pollution control areas for the purpose of assessment of quality of air therein and to take steps for the prevention, control or abatement of air pollution in such areas.
- To lay down, modify or annul effluent standards for the sewage and trade effluents and for the emission of air pollutants into the atmosphere from industrial plants and automobiles or for the discharge of any air pollutant into the atmosphere from any other source.
- To evolve best economically viable treatment technology for sewage and trade effluents.
- To collect samples of sewage, trade effluent and emission of air pollutants and to analyze the same for specific parameters.
- To collaborate with Central Pollution Control Board in organizing the training of persons engaged or to be engaged in programme relating to prevention, control or abatement of water and air pollution and to organise mass education programme relating thereto.
- To perform such other functions as may be prescribed by the State Government or Central Pollution Control Board.

### **Complaint Cell**

Due to the increased environmental awareness and awareness on Pollution Control Legislations, several complaints are being received from various individuals / organization / NGOs etc., regarding water, air, noise and vehicular pollution. To take appropriate action against these complaints, an active “Complaint cell” is functioning in the head office, Chennai. For easy access of the public and others, a separate telephone number 22353153 is allotted for receiving complaints and guidance. The complaints are attended by calling reports along with the recommendations from the field officers of the Board. Action as required based on the reports are taken then and there. As a part of e-governance, TNPCB has introduced online grievance petition redressal system (<https://tnpcb.gov.in/pcbolgprs/>) from 1<sup>st</sup> March 2016 onwards. Complaints on environmental pollution due to industries can be registered through online. The complaint status can be tracked through online.

### **Address Working hours of the Head office and District Offices**

Address of Head Office: TNPCB, 76, Mount Salai, Guindy, Chennai – 600032.

Address of Zonal Office & District Offices, Laboratories: Enclosed in Annexure – I

Working hours of the Office: 10.00 AM to 5.45 PM on all working days as Government Rules.

### **Environmental Legislations**

The various environmental legislations with which the TNPCB is concerned are given below. Most of the legislations are implemented directly by the Board and some by other departments of the Government.

- 1 The Water (Prevention and Control of Pollution) Act, 1974 as amended in 1978 & 1988.
- 2 The Tamilnadu Water (Prevention and Control of Pollution) Rules, 1983.
- 3 The Water (Prevention and Control of Pollution) Cess Act, 1977, as amended in 1991 and 2003.

- 4 The Water (Prevention and Control of Pollution) Cess Rules, 1978 as amended in 1992.
- 5 The Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987.
- 6 The Tamilnadu Air (Prevention and Control of Pollution) Rules, 1983.
- 7 The Environment (Protection) Act, 1986.
- 8 The Environment (Protection) Rules, 1986 as amended.
- 9 The Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.
- 0 Manufacture, Storage and Import of Hazardous Chemical Rules, 1989 as amended in 1994 & 2000.
- 11 The Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms/ genetically engineered organisms or cells Rules, 1989.
- 12 The Public Liability Insurance Act, 1991 as amended in 1992.
- 13 The Public Liability Insurance Rules, 1991.
- 14 Coastal Regulation Zone Notification, 2011.
- 15 The Environment Impact Assessment Notification, 2006 as amended in 2009,
- 16 The National Green Tribunal Act, 2010.
- 17 The Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996
- 18 The Bio-Medical Waste Management Rules, 2016.
- 19 Utilization of Fly Ash from Coal or Lignite based Thermal Power Plants Notification, 1999 as amended in 2003.
- 20 The Solid Wastes Management Rules, 2016.
- 21 Noise Pollution (Regulation and Control) Rules, 2000.
- 22 Ozone Depleting Substances (Regulation and Control) Rules, 2000.
- 23 The Batteries (Management and Handling) Rules, 2001 as amended.
- 24 The Plastics Waste Management Rules, 2016.
- 25 The E-Waste (Management) Rules, 2016.
- 26 Construction and Demolition Waste Management Rules, 2016.

**Salient Features of the Acts & Rules** (For complete details refer “TNPCB & You” by visiting [www.tnpcb.gov.in](http://www.tnpcb.gov.in))

**The Water (Prevention and Control of Pollution) Act, 1974 as Amended in 1978 and 1988**

Section 17	Empowers the Board to lay down standards for sewage / trade effluent.
Section 20	Empowers the Board to obtain information and give direction to furnish to it information regarding construction, installation or operation of such establishment or of any disposal system and such other particulars as may be prescribed.
Section 21	Empowers the Board to collect samples of sewage/ trade effluent from any industry.
Section 24	Prohibits the pollution of a stream or well by disposal of polluting matter etc.
Section 25 & 26	Consent of the Board for the establishment / operation of any industry and for discharge of sewage / trade effluent into any stream or well or sewer or on land or into marine coastal areas to be obtained. (List of industries for which the Tamil Nadu Electricity Board has to give power supply only after the industries produce consent to establish order issued by the Tamil Nadu Pollution Control Board is given in GO MS No. 111 E&F Dept. Dated 21.9.2011).
Section 28	Provides for appeal against the orders of the Board under Section 25 or 26 or 27. The appeal has to be made to the Appellate Authority, within thirty days from the date of communication of the order.
Section 30	Empowers the Board to carry out certain works when the concerned industry has failed to carry out the directions of the Board and to recover the cost from that industry.
Section 31	Requires furnishing of information to the Board about the accidental discharge of poisonous, noxious or polluting matter.
Section 32	Empowers the Board to take action on the presence of noxious or polluting matter in any stream or well or sewer or land and issuing orders restraining or prohibiting the discharge of any such matter into any stream or well or sewer or on land or into marine coastal areas.
Section 33A	Empowers the Board to issue directions for closure of the industry or for stoppage of electricity, water supply or any other service.
Section 43	Contravention of Section 24 is punishable with imprisonment for a term not less than one year and six months but which may extend to six years and with fine.
Section 44	Contravention of Section 25 or Section 26 is punishable with imprisonment for a term not less than one year and six months but which may extend to six years and with fine.
Section 46	No Civil Court shall have jurisdiction to entertain any suit or proceeding in respect of any matter which an Appellate Authority constituted under the Water Act is empowered to determine.

**The Tamil Nadu Water (P&CP) Rules, 1983**

Rule 15	<b>Power and duties of the Chairman.-</b> The Chairman shall have overall control over the functions of the Board. Subject to general financial rules and service rules of the Government, shall have power in respect of the following matters, to the extent such power is not conferred on the Member-Secretary.
Rule 16	<b>Powers and duties of the Member-Secretary.-</b> Subject to the overall control of the Chairman, the Member-Secretary shall exercise the following powers,
Rule 20	<b>Appointment of consulting Engineers.-</b> For the purpose of assisting the Board in the performance of its functions, the Board may appoint any qualified person to be consulting Engineer for a period not exceeding four months, and assign him such duties as are necessary for the purpose.
Rule 25	<b>Form of notice.-</b> The notice of intention to analyze a sample under clause (a) of sub-section (3) of section 21 shall be in Form I
Rule 26 A	<b>Consent fee.-</b> Consent fee shall be paid at the following rates by the industries and the local bodies specified in the Table below:-
Rule 27	<b>Procedure for making inquiry into an application for consent.-</b> (1) On receipt of an application under section 25 or section 26, the Board may depute any of its officers accompanied by as many assistants as may be necessary, to visit the premises of the applicant. .. (2) Such officer shall, before visiting any premises of the applicant for the purpose of inspection under sub-rule (1) give notice to the applicant of his intention to do so in Form IV. The applicant shall provide to such officer all facilities that such officer may legitimately require for the purpose.
Rule 27 A	<b>Form and manner in which appeal may be preferred under section 28 and the procedure to be followed by the appellate authority .-</b> (1) Every appeal under section 28 against an order passed by the Board under section 25, section 26 or section 27 shall be made in Form IV -A.
Rule 28	<b>Furnishing of information under section 31(1).-</b> Every person in charge of any place where any industry or trade is being carried on shall, on happening of any accident, unforeseen act or event as contemplated in sub-section (1) of section 31, forthwith intimate the occurrence thereof to the Board, the Collector of the District, the Revenue Divisional Officer, the District Health Officer, the Executive Authority of the municipal or local body concerned and the nearest police station.
Rule 28-C	<b>Fees payable for the laboratory's report. -</b> Fees payable for laboratories report on the analysis of tests of samples of water or of sewage or trade effluent shall be as specified in the Annexure I and III to this rule.

**The Air (Prevention and Control of Pollution) Act, 1981, as Amended in 1987**

Section 17	Empowers the Board to lay down emission, noise level and ambient air quality standards in consultation with Central Pollution Control Board.
Section 19	Entire State of Tamil Nadu has been declared as air pollution control area by the State Government.
Section 21	Requires the industries to obtain the consent from the Board to establish/ operate the unit in the air pollution control area.
Section 22	Prohibits the emission of pollutants in excess of the standards laid down by the Board.
Section 22A	Empowers the Board to seek intervention of Court to restrain emissions exceeding the standards.
Section 23	Requires the industries to furnish information on the emissions in excess of the standards laid down by the Board, to the Board, the Collector of the District, the Revenue Divisional Officer, the Executive Authority of the Local body and the nearest Police Station.
Section 26	Empowers the collection of samples of air or emissions from any chimney, stack, flue or duct or any other outlet.
Section 31	Provides for appeal against the orders of the Board under Section 21. Appeal has to be made to the Appellate Authority, within thirty days from the date of communication of the order.
Section 31 A	Empowers the Board to issue direction for closure, prohibition or regulation of any industry, operation or process or the stoppage or regulation of supply of electricity, water or any other service.
Section 37	Failure to comply with the provisions of section 21 (or) section 22 or directions issued under section 31A is punishable with imprisonment for a term which shall not be less than one year and six months, but which may extend to six years and with fine. Continued offence is punishable with an additional fine which may extend to five thousand rupees for every day during which such failure continues. If the offence continues beyond one year after the date of conviction, the offence is punishable with imprisonment which shall not be less than two years but which may extend to seven years and with fine.
Section 38	Offences like furnishing false information, non-furnishing information is punishable with imprisonment upto 3 months and a fine upto 10,000 rupees or both.



**The Environment (Protection) Act, 1986**

Section 2	<p><b>Definitions.-</b>          In this Act, unless the context otherwise requires,--          (a) “environment” includes water, air and land and inter-relationship which exists among and between water, air, and land, and human beings, other living creatures, plants, micro-organism and property;          (d) “handling”, in relation to any substance, means the manufacture, processing, treatment, package, storage, transportation, use, collection, destruction, conversion, offering for sale, transfer or the like of such substance;          (e) “hazardous substance” means any substance or preparation which, by reason of its chemical or physico-chemical properties or handling, is liable to cause harm to human beings, other living creatures, plant, micro-organism, property or the environment;</p>
Section 3	<p><b>Power of Central Government to take measures to protect and improve environment.-</b>          (1) Subject to the provisions of this Act, the Central Government shall have the power to take all such measures as it deems necessary or expedient for the purpose of protecting and improving the quality of the environment and preventing controlling and abating environmental pollution.          (2) In particular, and without prejudice to the generality of the provisions of sub-section (1), such measures may include measures with respect to all or any of the following matters, namely:-          (i) co-ordination of actions by the State Governments, Officers and other authorities --          (a) under this Act, or the rules made there under, or          (b) under any other law for the time being in force which is relatable to the objects of this Act;          (ii) planning and execution of a nation-wide programme for the prevention, control and abatement of environmental pollution;          (iii) laying down standards for the quality of environment in its various aspects;          (iv) laying down standards for emission or discharge of environmental pollutants from various sources whatsoever;          Provided that different standards for emission or discharge may be laid down under this clause from different sources having regard to the quality or composition of the emission or discharge of environmental pollutants from such sources;          (v) restriction of areas in which any industries, operations or processes or class of industries, operations or processes shall not be carried out or shall be carried out subject to certain safeguards          (vi) laying down procedures and safeguards for the prevention of accidents which may cause environmental pollution and remedial measures for such accidents;          (vii) laying down procedures and safeguards for the handling of hazardous substances;          (viii) examination of such manufacturing processes, materials and substances as are likely to cause environmental pollution;          (ix) carrying out and sponsoring investigations and research relating to problems of environmental pollution;          (x) inspection of any premises, plant, equipment, machinery, manufacturing or other processes, materials or substances and giving, by order, of such directions to such authorities, officers or persons as it may consider necessary to take steps for the prevention, control and abatement of environmental pollution ;</p>

Section 4	<b>Appointment of officers and their powers and functions.-</b>
Section 5	<p><b>Powers to give directions.-</b> Notwithstanding anything contained in any other law but subject to the provisions of this Act, the Central Government may, in the exercise of its powers and performance of its functions under this Act, issue directions in writing to any person, officer or any authority and such person, officer or authority shall be bound to comply with such directions</p> <p><i>Explanation</i> – For the avoidance of doubts, it is hereby declared that the power to issue directions under this section includes the power to direct –</p> <p>(a) the closure, prohibition or regulation of any industry, operation or process; or (b) stoppage or regulation of the supply of electricity or water or any other service.</p>
Section 6	<p><b>Rules to regulate environmental pollution.-</b></p> <p>(1) The Central government may, by notification in the Official Gazette, make rules in respect of all or any of the matters referred to in section 3.</p> <p>(2) In particular, and without prejudice to the generality of the foregoing power, such rules may provide for all or any of the following matters, namely:-</p> <p>(a) the standards of quality of air, water or soil for various areas and purposes; (b) the maximum allowable limits of concentration of various environmental pollutants (including noise) for different areas; (c) the procedures and safeguards for the handling of hazardous substances; (d) the prohibition and restrictions on the handling of hazardous substances in different areas; (e) the prohibition and restriction on the location of industries and the carrying on process and operations in different areas; (f) the procedures and safeguards for the prevention of accidents which may cause environmental pollution and for providing for remedial measures for such accidents.</p>
Section 7	<p><b>Persons carrying on industry operation, etc., not to allow emission or discharge of environmental pollutants in excess of the standards.-</b> No person carrying on any industry, operation or process shall discharge or emit or permit to be discharged or emitted any environmental pollutants in excess of such standards as may be prescribed.</p>
Section 8	<p><b>Persons handling hazardous substances to comply with procedural safeguards.-</b> No person shall handle or cause to be handled any hazardous substance except in accordance with such procedure and after complying with such safeguards as may be prescribed.</p>
Section 9	<b>Furnishing of information to authorities and agencies in certain cases.-</b>
Section 10	<p><b>Powers of entry and inspection.-</b></p> <p>(1) Subject to the provisions of this section, any person empowered by the Central Government in this behalf shall have a right to enter, at all reasonable times with such assistance as he considers necessary, any place-</p> <p>(a) for the purpose of performing any of the functions of the Central Government entrusted to him; (b) for the purpose of determining whether and if so in what manner, any such functions are to be performed or whether any provisions of this Act or the rules made there under or any notice, order, direction or authorization served, made, given or granted under this Act is being or has been complied with; (c) for the purpose of examining and testing any equipment, industrial plant, record, register, document or any other material object or for conducting a search of any building in which he has reason to believe that an offence under this Act or the rules made there under has been or is being or is about to be committed and</p>

	<p>for seizing any such equipment, industrial plant, record, register, document or other material object if he has reason to believe that it may furnish evidence of the commission of an offence punishable under this Act or the rules made there under or that such seizure is necessary to prevent to mitigate environmental pollution.</p> <p>ⓐ Every person carrying on any industry, operation or process of handling any hazardous substances shall be bound to render all assistance to the person empowered by the Central Government under sub-section (1) for carrying out the functions under that sub-section and if he fails to do so without any reasonable cause or excuse, he shall be guilty of an offence under this Act.</p> <p>ⓑ If any person willfully delays or obstructs any persons empowered by the Central Government under sub-section (1) in the performance of his functions, he shall be guilty of an offence under this Act.</p>
Section 11	<p><b>Power to take sample and procedure to be followed in connection therewith.-</b>  (1) The Central Government or any officer empowered by it in this behalf, shall have power to take, for the purpose of analysis, samples of air, water, soil or other substance from any factory, premises or other place in such manner as may be prescribed</p>
Section 12	<p><b>Environmental laboratories.-</b>  (1) The Central Government may, by notification in the Official Gazette,--  (a) establish one or more environmental laboratories  (b) recognize one or more laboratories or institutes as environmental laboratories to carry out the functions entrusted to an environmental laboratory under this Act.</p>
Section 13	<b>Government analysts.-</b>
Section 14	<b>Reports of Government analysts.-</b>
Section 15	<p><b>Penalty for contravention of the provisions of the Act and the rules, orders and directions.-</b>  (1) Whoever fails to comply with or contravenes any of the provisions of this Act, or the rules made or orders or directions issued there under, shall, in respect of each such failure or contravention, be punishable with imprisonment for a term which may extend to five years with fine which may extend to one lakh rupees, or with both, and in case the failure or contravention continues, with additional fine which may extend to five thousand rupees for every day during which such failure or contravention continues after the conviction for the first such failure or contravention.  (2) If the failure or contravention referred to in sub-section (1) continues beyond a period of one year after the date of conviction, the offender shall be punishable with imprisonment for a term which may extend to seven years.</p>
Section 16	<b>Offences by companies.-</b>
Section 17	<b>Offences by government departments.-</b>
Section 18	Protection of action taken in good faith
Section 19	Cognizance of offences
Section 20	Information, reports or returns
Section 21	Members, officers and employees of the authority constituted under section 3 to be public servants
Section 22	Bar of jurisdiction
Section 23	<p><b>Powers to delegate.-</b>  Without prejudice to the provisions of sub-section (3) of section 3, the Central Government may, by notification in the Official gazette, delegate, subject to such conditions and limitations as may be specified in the notifications, such of its</p>

	powers and functions under this Act [except the powers to constitute an authority under sub-section (3) of section (3) and to make rules under section 25] as it may deem necessary or expedient, to any officer, State Government or other authority.
Section 24	Effect of other laws
Section 25	Power to make rules
Section 26	Rules made under this Act to be laid before parliament

**The Environment (Protection) Rules, 1986**

Rule 3	<p><b>Standards for emission or discharge or environmental pollutants.-</b></p> <p>(1) For the purpose of protecting and improving the quality of the environment and preventing and abating environmental pollution, the standards for emission or discharge of environmental pollutants from the industries, operations or processes shall be as specified in Schedule I to IV</p> <p>(2) Notwithstanding anything contained in sub-rule (1), the Central Board or a State Board may specify more stringent standards from those provided in Schedule I to IV in respect of any specific industry, operation or process depending upon the quality of the recipient system and after recording reasons therefore in writing.</p>
Rule 4	<p><b>Directions.-</b></p> <p>(1) Any direction issued under section 5 of the Environment (Protection) Act, 1986 shall be in writing.</p> <p>(2). The direction shall specify the nature of action to be taken and the time within which it shall be complied with by the person, officer or the authority to whom such direction is given.</p>
Rule 5	Prohibition and restriction on the location of industries and the carrying on processes and operations in different areas.
Rule 6	Procedure for taking samples
Rule 12	Furnishing of information to authorities and agencies in certain cases
Rule 13	Prohibition and restriction on the handling of hazardous substances in different areas.
Rule 14	<p><b>Submission of environmental Statement.-</b></p> <p>Every person carrying on an industry, operation or process requiring consent under section 25 of the Water (P&amp;CP) Act, 1974 ( 6 of 1974) or under section 21 of the Air (P&amp;CP) Act, 1981 (14 of 1981) or both or authorization under the Hazardous Waste (Management &amp; Handling) Rules, 1989 issued under the Environment (Protection) Act, 1986 (29 of 1986) shall submit an environmental statement for the financial year ending the 31<sup>st</sup> March in Form V to the concerned State Pollution Control Board on or before the thirtieth day of September every year, beginning 1993.</p>

## The Bio-Medical Waste Management Rules, 2016

<b>Rule 2</b>	<p><b>Application :-</b> These rules shall apply to all persons who generate, collect, receive, store, transport, treat, dispose, or handle bio medical waste in any form including hospitals, nursing homes, clinics, dispensaries, veterinary institutions, animal houses, pathological laboratories, blood banks, ayush hospitals, clinical establishments, research or educational institutions, health camps, medical or surgical camps, vaccination camps, blood donation camps, first aid rooms of schools, forensic laboratories and research labs.</p>
<b>Rule 3</b>	<p><b>Definitions :-</b></p> <p><b>"bio-medical waste"</b> means any waste, which is generated during the diagnosis, treatment or immunisation of human beings or animals or research activities pertaining thereto or in the production or testing of biological or in health camps, including the categories mentioned in Schedule I appended to these rules;</p> <p><b>"health care facility"</b> means a place where diagnosis, treatment or immunisation of human beings or animals is provided irrespective of type and size of health treatment system, and research activity pertaining thereto;</p> <p><b>"occupier"</b> means a person having administrative control over the institution and the premises generating bio-medical waste, which includes a hospital, nursing home, clinic, dispensary, veterinary institution, animal house, pathological laboratory, blood bank, health care facility and clinical establishment, irrespective of their system of medicine and by whatever name they are called;</p> <p><b>"bio-medical waste treatment and disposal facility"</b> means any facility wherein treatment, disposal of bio-medical waste or processes incidental to such treatment and disposal is carried out, and includes common bio-medical waste treatment facilities;</p> <p><b>"authorisation"</b> means permission granted by the prescribed authority for the generation, collection, reception, storage, transportation, treatment, processing, disposal or any other form of handling of bio-medical waste in accordance with these rules and guidelines issued by the Central Government or Central Pollution Control Board as the case maybe;</p>
<b>Rule 4</b>	<p><b>Duties of the Occupier:-</b></p> <ol style="list-style-type: none"> <li>(1) The occupier shall take all necessary steps to ensure that bio-medical waste is handled without any adverse effect to human health and the environment and in accordance with these rules;</li> <li>(2) The occupier shall make a provision within the premises for a safe, ventilated and secured location for storage of segregated biomedical waste in colored bags or containers in the manner as specified in Schedule I, to ensure that there shall be no secondary handling, pilferage of recyclables or inadvertent scattering or spillage by animals and the bio-medical waste from such place or premises shall be directly transported in the manner as prescribed in these rules to the common bio-medical waste treatment facility or for the appropriate treatment and disposal, as the case maybe, in the manner as prescribed in Schedule I</li> <li>(3) The occupier shall pre-treat the laboratory waste, microbiological waste, blood samples and blood bags through disinfection or sterilisation on-site in the manner as prescribed by the World Health Organisation (WHO) or National AIDs Control Organisation (NACO) guidelines and then sent to the common bio-medical waste treatment facility for final disposal;</li> <li>(4) The occupier shall phase out use of chlorinated plastic bags, gloves and blood bags within two years from the date of notification of these rules;</li> </ol>

	<p>(5) The occupier shall not give treated bio-medical waste with municipal solid waste;</p> <p>(6) The occupier shall ensure segregation of liquid chemical waste at source and ensure pre-treatment or neutralisation prior to mixing with other effluent generated from health care facilities;</p> <p>(7) The occupier shall maintain and update on day to day basis the bio-medical waste management register and display the monthly record on its website according to the bio-medical waste generated in terms of category and colour coding as specified in Schedule I</p> <p>(8) The occupier shall make available the annual report on its web-site and all health care facilities shall make own website within two years from the date of notification of these rules;</p>
<p><b>Rule 5</b></p>	<p><b>Duties of the operator of a common bio-medical waste treatment and disposal facility:-</b></p> <p>(1) The operator shall take all necessary steps to ensure that the bio-medical waste collected from the occupier is transported, handled, stored, treated and disposed of, without any adverse effect to the human health and the environment, in accordance with these rules and guidelines issued by the Central Government or, as the case maybe, the central pollution control board from time to time;</p> <p>(2) The operator shall ensure timely collection of bio-medical waste from the occupier as prescribed under these rules;</p> <p>(3) The operator shall establish bar coding and global positioning system for handling of bio- medical waste within one year;</p> <p>(4) The operator shall ensure occupational safety of all its workers involved in handling of bio-medical waste by providing appropriate and adequate personal protective equipment;</p> <p>(5) The operator shall maintain a log book for each of its treatment equipment according to weight of batch; categories of waste treated; time, date and duration of treatment cycle and total hours of operation;</p> <p>(6) The operator of the common bio-medical waste treatment facility shall ensure collection of biomedical waste on holidays also;</p>
<p><b>Rule 6</b></p>	<p><b>Duties of authorities :-</b> The Authorities specified in column (2) of Schedule-III shall perform the duties as specified in column (3) thereof in accordance with the provisions of these rules.</p>
<p><b>Rule 7</b></p>	<p><b>Treatment and disposal :-</b></p> <p>(a) Bio-medical waste shall be treated and disposed of in accordance with Schedule I, and in compliance with the standards provided in Schedule-II by the health care facilities and common bio-medical waste treatment facility.</p> <p>(b) The occupier shall hand over segregated waste as per the Schedule-I to common bio-medical waste treatment facility for treatment, processing and final disposal:</p> <p>(c) Every operator of common bio-medical waste treatment facility shall set up requisite biomedical waste treatment equipments like incinerator, autoclave or microwave, shredder and effluent treatment plant as a part of treatment, prior to commencement of its operation.</p> <p>(d) The Occupier or Operator of a common bio-medical waste treatment facility shall maintain a record of recyclable wastes referred to in sub-rule (9) which are auctioned or sold and the same shall be submitted to the prescribed authority as part of its annual report. The record shall be open for inspection by the</p>

	<p>prescribed authorities.</p> <p>(e) After ensuring treatment by autoclaving or microwaving followed by mutilation or shredding, whichever is applicable, the recyclables from the treated bio medical wastes such as plastics and glass shall be given to such recyclers having valid authorisation or registration from the respective prescribed authority.</p> <p>(f) The handling and disposal of all the mercury waste and lead waste shall be in accordance with the respective rules and regulations.</p>
<b>Rule 8</b>	<p><b>Segregation, packaging, transportation and storage :-</b></p> <p>⌚ No untreated bio-medical waste shall be mixed with other wastes.</p> <p>⌚ The bio-medical waste shall be segregated into containers or bags at the point of generation in accordance with Schedule I prior to its storage, transportation, treatment and disposal.</p> <p>⌚ The containers or bags referred to in sub-rule (2) shall be labelled as specified in Schedule IV</p> <p>⌚ The operator of common bio-medical waste treatment facility shall transport the bio-medical waste from the premises of an occupier to any off-site bio-medical waste treatment facility only in the vehicles having label as provided in part „A“ of the Schedule IV along with necessary information as specified in part „B“ of the Schedule IV.</p> <p>⌚ The vehicles used for transportation of bio-medical waste shall comply with the conditions if any stipulated by the State Pollution Control Board or Pollution Control Committee in addition to the requirement contained in the Motor Vehicles Act, 1988 (59 of 1988), if any or the rules made there under for transportation of such infectious waste.</p> <p>⌚ Untreated human anatomical waste, animal anatomical waste, soiled waste and, biotechnology waste shall not be stored beyond a period of forty–eight hours:</p> <p>⌚ Microbiology waste and all other clinical laboratory waste shall be pre-treated by sterilisation to Log 6 or disinfection to Log 4, as per the World Health Organisation guidelines before packing and sending to the common bio-medical waste treatment facility.</p>
<b>Rule 9</b>	<p><b>Prescribed authority :-</b></p> <p>(a) The prescribed authority for implementation of the provisions of these rules shall be the State Pollution Control Boards in respect of States and Pollution Control Committees in respect of Union territories.</p> <p>(b) The prescribed authority for enforcement of the provisions of these rules in respect of all health care establishments of the Armed Forces under the Ministry of Defense shall be the Director General, Armed Forces Medical Services, who shall function under the supervision and control of the Ministry of Defense.</p> <p>(c) The prescribed authorities shall comply with the responsibilities as stipulated in Schedule III of these rules.</p>
<b>Rule 10</b>	<p><b>Procedure for authorisation :-</b></p> <p>⌚ Every occupier or operator handling bio-medical waste, irrespective of the quantity shall make an application in Form II to the prescribed authority i.e. State Pollution Control Board for grant of authorisation and the prescribed authority shall grant the provisional authorisation in Form III and the validity of such authorisation for bedded health care facility and operator of a common facility shall be synchronized with the validity of the consents.</p> <p>⌚ The authorisation shall be one time for non-bedded occupiers and the authorisation in such cases shall be deemed to have been granted, if not objected by the prescribed authority within a period of ninety days from the</p>



	<p>date of receipt of duly completed application along with such necessary documents.</p> <p>⌚ In case of refusal of renewal, cancellation or suspension of the authorisation by the prescribed authority, the reasons shall be recorded in writing after giving an opportunity of being heard to the applicant before such refusal of the authorisation.</p> <p>⌚ Every application for authorisation shall be disposed of by the prescribed authority within a period of ninety days from the date of receipt of duly completed application along with such necessary documents, failing which it shall be deemed that the authorisation is granted under these rules.</p> <p>⌚ In case of any change in the bio-medical waste generation, handling, treatment and disposal for which authorisation was earlier granted, the occupier or operator shall intimate to the prescribed authority about the change or variation in the activity and shall submit a fresh application in Form II for modification of the conditions of authorisation.</p>
<b>Rule 11</b>	<p><b>Advisory Committee :-</b></p> <p>⌚ Every State Government or Union territory Administration shall constitute an Advisory Committee for the respective State or Union territory under the chairmanship of the respective health secretary to oversee the implementation of the rules in the respective state and to advise any improvements</p> <p>⌚ The Advisory Committee constituted under sub-rule (1) and (2) shall meet atleast once in six months and review all matters related to implementation of the provisions of these rules in the State and Armed Forces Health Care Facilities, as the case maybe.</p>
<b>Rule 12</b>	<p><b>Monitoring of implementation of the rules in health care facilities :-</b></p> <p>⌚ The Ministry of Environment, Forest and Climate Change shall review the implementation of the rules in the country once in a year through the State Health Secretaries and Chairmen or Member Secretary of State Pollution Control Boards and Central Pollution Control Board.</p> <p>⌚ The Central Pollution Control Board shall monitor the implementation of these rules in respect of all the Armed Forces health care establishments under the Ministry of Defence.</p> <p>⌚ Every State Government or Union territory Administration shall constitute District Level Monitoring Committee in the districts under the chairmanship of District Collector or District Magistrate or Deputy Commissioner or Additional District Magistrate to monitor the compliance of the provisions of these rules in the health care facilities generating bio-medical waste and in the common bio-medical waste treatment and disposal facilities, where the bio-medical waste is treated and disposed of.</p>
<b>Rule 13</b>	<p><b>Annual report :-</b></p> <p>⌚ Every occupier or operator of common bio-medical waste treatment facility shall submit an annual report to the prescribed authority in Form-IV, on or before the 30<sup>th</sup> June of every year.</p> <p>⌚ The Annual Reports shall also be available online on the websites of Occupiers, State Pollution Control Boards and Central Pollution Control Board.</p>
<b>Rule 14</b>	<p><b>Maintenance of records :-</b></p> <p>Every authorised person shall maintain records related to the generation, collection, reception, storage, transportation, treatment, disposal or any other form of handling of bio-medical waste, for a period of five years, in accordance with these rules and guidelines issued by the Central Government or the Central Pollution Control Board</p>

	or the prescribed authority as the case maybe.
<b>Rule 15</b>	<b>Accident reporting :-</b> In case of any major accident at any institution or facility or any other site while handling bio-medical waste, the authorised person shall intimate immediately to the prescribed authority about such accident and forward a report within twenty-four hours in writing regarding the remedial steps taken in Form I.
<b>Rule 16</b>	<b>Appeal :-</b> <ul style="list-style-type: none"> <li>⓪ Any person aggrieved by an order made by the prescribed authority under these rules may, within a period of thirty days from the date on which the order is communicated to him, prefer an appeal in Form V to the Secretary (Environment) of the State Government or Union territory administration.</li> <li>⓪ The appeal shall be disposed of within a period of ninety days from the date of its filing.</li> </ul>
<b>Rule 17</b>	<b>Site for common bio-medical waste treatment and disposal facility :-</b> The selection of site for setting up of such facility shall be made in consultation with the prescribed authority, other stakeholders and in accordance with guidelines published by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board.
<b>Rule 18</b>	<b>Liability of the occupier, operator of a facility :-</b> The occupier or operator of common bio-medical waste treatment facility shall be liable for action under section 5 and section 15 of these Act, in case of any violation
<b>SCHEDULE I</b>	Biomedical wastes categories and their segregation, collection, treatment, processing and disposal options
<b>SCHEDULE II</b>	Standards for Treatment and Disposal of Bio-Medical Wastes
<b>SCHEDULE III</b>	List of Prescribed Authorities and the Corresponding Duties
<b>SCHEDULE IV</b>	Label for Bio-Medical Waste Containers or Bags
<b>FORM - 1</b>	Accident Reporting
<b>FORM - 2</b>	Application form for Authorisation or Renewal of Authorisation
<b>FORM - 3</b>	Authorisation Format
<b>FORM - 4</b>	Annual Report
<b>FORM - 5</b>	Application for filing appeal against order passed bythe prescribed authority

## The Batteries (Management and Handling) Rules, 2001

Rule 2	<p><b>Application.-</b> These rules shall apply to every manufacturer, importer, re-conditioner, assembler, dealer, recycler, auctioneer, consumer, and bulk consumer involved in manufacture, processing, sale, purchase and use of batteries or components thereof.</p>
Rule 3	<p><b>Definitions.-</b> (e) „battery” – means lead acid battery which is a source of electrical energy and contains lead metal. (r) „used batteries” – means use, damaged and old lead acid batteries or components thereof; and</p>
Rule 4	<p><b>Responsibilities of manufacturer, importer, assembler, and Re-Conditioner.-</b> It shall be the responsibility of a manufacturer, importer, assembler and re-conditioner to (i) ensure that the used batteries are collected back as per the Schedule against new batteries sold excluding those sold to original equipment manufacturer and bulk consumer(s); (iii) file a half-yearly return of their sales and buy-back to the State Board in Form-I latest by 30<sup>th</sup> June and 31<sup>st</sup> December of every year; (v) ensure that used batteries collected are sent only to the registered recyclers; (viii b) responsibility of consumers to return their used batteries only to the dealers or deliver at designated collection centers;</p>
Rule 5	<p><b>Registration of Importers.-</b> The importer shall get himself registered with the Ministry of Environment &amp; Forests or any agency designated by it by submitting details in Form-II.</p>
Rule 6	<p>Customs Clearance of Imports of New Lead Acid Batteries</p>
Rule 7	<p><b>Responsibility of Dealer.-</b> It shall be the responsibility of a dealer to (i) ensure that the used batteries are collected back as per the Schedule against new batteries sold; (iv) file half-yearly returns of the sale of new batteries and buy-back of old batteries to the manufacturer in Form-V by 31<sup>st</sup> May and 30<sup>th</sup> November of every year; (v) ensure safe transportation of collected batteries to the designated collection centers or to the registered recyclers;</p>
Rule 8	<p><b>Responsibility of Recyclers.-</b> Each recycler shall (i) apply for registration to the MoEF or an agency designated by it if not applied already, by submitting information in Form VI; (iii) submit annual returns as per Form VII to the State Board</p>
Rule 9	<p><b>Procedure for registration / renewal of registration of recyclers.-</b> (l) Every recycler of used lead acid batteries shall make an application in Form VI along with the following documents to the Joint Secretary, MoEF or any officer designated by the Ministry or an agency designated by it for grant of registration or renewal. (a) copy of the valid consents under Water P&amp;CP) Act, 1974, as amended and Air (P&amp;CP) Act, 1981 as amended. (b) a copy of valid authorization under Hazardous Waste (Management and Handling) Rules, 1989 as amended; (c) a copy of valid certificate of registration with District Industries Centre: and (d) a copy of the proof of installed capacity issued by either SPCB/District Industries Centre.</p>

	<p>(7) The Joint Secretary, MoEF or any officer designated by the Ministry or an agency designated by it may cancel or suspend a registration issued under these rules, if in his/her opinion, the registered recycler has failed to comply with any of the conditions of registration, or with any provisions of the Act or rules made there under after giving him an opportunity to explain and after recording the reasons there for;</p> <p>(8) It shall be the responsibility of the State Boards to monitor the compliance of conditions prescribed while according registration</p>
Rule 10	<p><b>Responsibilities of Consumer or Bulk consumer.-</b></p> <p>(1) It shall be the responsibility of the consumer to ensure that used batteries are not disposed of in any manner other than depositing with the dealer, manufacturer, importer, assembler, registered recycler, re-conditioner or at the designated collection centers.</p> <p>(2) It shall be the responsibility of the bulk consumer to</p> <p>(i) ensure that used batteries are not disposed of in any manner other than depositing with the dealer/manufacturer/registered recycler/importer/re-conditioner or at the designated collection centers; and</p> <p>(ii). file half-yearly return in Form VIII to the State Board</p> <p>(3) Bulk consumers or their user units may auction used batteries to registered recyclers only.</p>
Rule 11	<p><b>Responsibilities of Auctioneer.-</b></p> <p>The auctioneer shall</p> <p>(i) Ensure that used batteries are auctioned to the registered recyclers only;</p> <p>(ii) file half-yearly returns of their auctions to the State Boards in Form – IX; and</p> <p>(iii) maintain a record of such auctions and make these records available to the State Board for inspection</p>
Rule 12	<p><b>Prescribed Authority.-</b></p> <p>The prescribed authority for ensuring compliance to the provisions of these rules shall be the State Board. And, it shall file an annual compliance status report to the CPCB by 30<sup>th</sup> April of every year.</p>
Rule 13	Duties of Central Pollution Control Board
Rule 14	Computerization of Records and Returns
Schedule	Time limit for collection of used batteries

## Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016

<b>Rule 2</b>	<p><b>Application :-</b> These rules shall apply to the management of hazardous and other wastes as specified in the Schedules to the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.</p>
<b>Rule 3</b>	<p><b>Definitions :-</b></p> <p>“<b>hazardous waste</b>” means any waste which by reason of characteristics such as physical, chemical, biological, reactive, toxic, flammable, explosive or corrosive, causes danger or is likely to cause danger to health or environment, whether alone or in contact with other wastes or substances, and shall include -</p> <ul style="list-style-type: none"> <li>(i) waste specified under column (3) of Schedule I;</li> <li>(ii) waste having equal to or more than the concentration limits specified for the constituents in class A and class B of Schedule II or any of the characteristics as specified in class C of Schedule II; and</li> <li>(iii) wastes specified in Part A of Schedule III in respect of import or export of such wastes or the wastes not specified in Part A but exhibit hazardous characteristics specified in Part C of Schedule III;</li> </ul> <p>“<b>other wastes</b>” means wastes specified in Part B and Part D of Schedule III for import or export and includes all such waste generated indigenously within the country;</p> <p>“<b>occupier</b>” in relation to any factory or premises, means a person who has, control over the affairs of the factory or the premises and includes in relation to any hazardous and other wastes, the person in possession of the hazardous or other waste;</p> <p>“<b>actual user</b>” means an occupier who procures and processes hazardous and other waste for reuse, recycling, recovery, pre-processing, utilisation including co-processing;</p> <p>“<b>common treatment, storage and disposal facility</b>” means a common facility identified and established individually or jointly or severally by the State Government, occupier, operator of a facility or any association of occupiers that shall be used as common facility by multiple occupiers or actual users for treatment, storage and disposal of the hazardous and other wastes</p> <p>“<b>importer</b>” mean any person or occupier who imports hazardous or other waste</p> <p>“<b>exporter</b>” means any person or occupier under the jurisdiction of the exporting country who exports hazardous or other wastes, including the country which exports hazardous or other waste</p> <p>“<b>pre-processing</b>” means the treatment of waste to make it suitable for co-processing or recycling or for any further processing;</p> <p>“<b>co-processing</b>” means the use of waste materials in manufacturing processes for the purpose of energy or resource recovery or both and resultant reduction in the use of conventional fuels or raw materials or both through substitution</p> <p>“<b>recycling</b>” means reclamation and processing of hazardous or other wastes in an environmentally sound manner for the originally intended purpose or for other purposes;</p> <p>“<b>reuse</b>” means use of hazardous or other waste for the purpose of its original use or other use;</p> <p>“<b>recovery</b>” means any operation or activity wherein specific materials are recovered;</p> <p>“<b>utilisation</b>” means use of hazardous or other waste as a resource</p> <p>“<b>storage</b>” mean storing any hazardous or other waste for a temporary period, at the end of which such waste is processed or disposed of;</p>

	<p>“<b>transport</b>” means off-site movement of hazardous or other wastes by air, rail, road or water;</p>
	<p>“<b>transboundary movement</b>” means any movement of hazardous or other wastes from an area under the jurisdiction of one country to or through an area under the jurisdiction of another country or to or through an area not under the jurisdiction of any country, provided that at least two countries are involved in the movement;</p>
	<p>“<b>manifest</b>” means transporting document prepared and signed by the sender authorised in accordance with the provisions of these rules</p>
	<p>“<b>treatment</b>” means a method, technique or process, designed to modify the physical, chemical or biological characteristics or composition of any hazardous or other waste so as to reduce its potential to cause harm;</p>
	<p>“<b>disposal</b>” means any operation which does not lead to reuse, recycling, recovery, utilisation including co-processing and includes physico-chemical treatment, biological treatment, incineration and disposal in secured landfill;</p>
	<p>“<b>authorisation</b>” means permission for generation, handling, collection, reception, treatment, transport, storage, reuse, recycling, recovery, pre-processing, utilisation including co-processing and disposal of hazardous wastes granted under sub-rule (2) of rule 6;</p>
<b>Rule 4</b>	<p><b>Responsibilities of the occupier for management of hazardous and other wastes:-</b></p> <ol style="list-style-type: none"> <li>(1) The occupier shall be responsible for safe and environmentally sound management of hazardous and other wastes.</li> <li>(2) The occupier shall follow the following steps for the management of hazardous and other wastes:- <ol style="list-style-type: none"> <li>a. prevention;</li> <li>b. minimization;</li> <li>c. reuse,</li> <li>d. recycling;</li> <li>e. recovery, utilisation including co-processing;</li> <li>f. safe disposal.</li> </ol> </li> <li>(3) The hazardous and other wastes generated in the establishment of an occupier shall be sent or sold to an authorised actual user or shall be disposed of in an authorised disposal facility.</li> </ol>
<b>Rule 5</b>	<p><b>Responsibilities of State Government for environmentally sound management of hazardous and other wastes:-</b></p> <p>The State Government shall ensure earmarking or allocation of industrial space or shed for recycling, pre-processing and other utilisation of hazardous or other waste in the existing and upcoming industrial park, estate and industrial clusters.</p>
<b>Rule 6</b>	<p><b>Grant of authorisation for managing hazardous and other wastes.-</b></p> <ol style="list-style-type: none"> <li>Ⓐ Every occupier of the facility who is engaged in handling, generation, collection, storage, packaging, transportation, use, treatment, processing, recycling, recovery, pre-processing, co-processing, utilisation, offering for sale, transfer or disposal of the hazardous and other wastes shall make an application in <b>Form 1</b> to obtain authorisation from the State Pollution Control Board.</li> <li>Ⓑ An authorisation in <b>Form 2</b> shall be granted by the State Pollution Control Board with validity period of five years after through site inspection and after ensuring technical capabilities and equipment complying with the standard operating procedure or other guidelines within a period of one hundred and twenty days.</li> <li>Ⓒ Every occupier authorised under these rules, shall maintain a record of hazardous and other wastes managed by him in <b>Form 3</b> and prepare and submit to the State</li> </ol>

	<p>Pollution Control Board, an annual return containing the details specified in <b>Form 4</b> on or before the 30<sup>th</sup> day of June following the financial year to which that return relates.</p> <p>(4) An application for renewal of authorisation shall be made three months in advance before its expiry</p>
<b>Rule 7</b>	<p><b>Power to suspend or cancel an authorisation:-</b></p> <p>a) The State Pollution Control Board may suspend the authorisation issued after giving a reasonable opportunity of being heard and after recording reasons thereof in writing if the holder of the authorisation has failed to comply with any of the conditions of the authorisation issued or with any provisions of the Act or these rules as it considers necessary in the public interest.</p> <p>b) Upon suspension or cancellation of the authorisation, the State Pollution Control Board may give directions to the person whose authorisation has been suspended or cancelled for the safe storage and management of the hazardous and other wastes, and such occupier shall comply with such directions.</p>
<b>Rule 8</b>	<p><b>Storage of hazardous and other wastes:-</b></p> <p>The occupiers of facilities may store the hazardous and other wastes for a period not exceeding ninety days and shall maintain a record of sale, transfer, storage, recycling, recovery, pre-processing, co-processing and utilisation of such wastes and make these records available for inspection.</p>
<b>Rule 9</b>	<p><b>Utilisation of hazardous and other wastes:-</b></p> <p>The utilisation of hazardous and other wastes as a resource or after pre-processing either for co-processing or for any other use, including within the premises of the generator (if it is not part of process), shall be carried out only after obtaining authorisation from the State Pollution Control Board in respect of waste on the basis of standard operating procedures or guidelines provided by the Central Pollution Control Board.</p>
<b>Rule 10</b>	<p><b>Standard Operating Procedure or guidelines for actual users:-</b></p> <p>The Ministry of Environment, Forest and Climate Change or the Central Pollution Control Board may issue guidelines or standard operating procedures for environmentally sound management of hazardous and other wastes from time to time.</p>
<b>Rule 11</b>	<p><b>Import and export (transboundary movement) of hazardous and other wastes:-</b></p> <p>The Ministry of Environment, Forest and Climate Change shall be the nodal Ministry to deal with the transboundary movement of the hazardous and other wastes in accordance with the provisions of these rules.</p>
<b>Rule 12</b>	<p><b>Strategy for Import and export of hazardous and other wastes.-</b></p> <p>No import of the hazardous and other wastes from any country to India for disposal shall be permitted.</p> <p>a) The import of hazardous and other wastes from any country shall be permitted only for recycling, recovery, reuse and utilisation including co-processing.</p> <p>b) The import of hazardous waste in Part A of Schedule III may be allowed to actual users with the prior informed consent of the exporting country and shall require the permission of the Ministry of Environment, Forest and Climate Change.</p> <p>c) The import of other wastes in Part B of Schedule III may be allowed to actual users with the permission of the Ministry of Environment, Forest and Climate Change.</p> <p>d) The import of other wastes in Part D of Schedule III will be allowed as per procedure given in rule 13 and as per the note below the said Schedule.</p> <p>e) No import of the hazardous and other wastes specified in Schedule VI shall be permitted.</p>

	<p>Ⓔ The export of hazardous and other wastes from India listed in Part A and Part B of Schedule III and Schedule VI shall be with the permission of Ministry of Environment, Forest and Climate Change. In case of applications for export of hazardous and other waste listed in Part A of Schedule III and Schedule VI, they shall be considered on the basis of prior informed consent of the importing country.</p> <p>Ⓕ The import and export of hazardous and other wastes not specified in Schedule III, but exhibiting the hazardous characteristics outlined in Part C of Schedule III shall require prior written permission of the Ministry of Environment, Forest and Climate Change before it is imported to or exported from India, as the case may be.</p>
<b>Rule 13</b>	<p><b>Procedure for import of hazardous and other wastes</b></p> <ol style="list-style-type: none"> <li>1 Actual users intending to import or transit for transboundary movement of hazardous and other wastes specified in Part A and Part B of Schedule III shall apply in <b>Form 5</b> along with the documents listed therein, to the Ministry of Environment, Forest and Climate Change for the proposed import together with the prior informed consent of the exporting country in respect of Part A of Schedule III waste, and shall send a copy of the application, simultaneously, to the concerned State Pollution Control Board for information and the acknowledgement in this respect from the concerned State Pollution Control Board shall be submitted to the Ministry of Environment, Forest and Climate Change along with the application.</li> <li>2 For the import of other wastes listed in Part D of Schedule III, the importer shall not require the permission of the Ministry of Environment, Forest and Climate Change. However, the importer shall furnish the required information as per <b>Form 6</b> to the Customs authorities.</li> <li>3 The importer of the hazardous and other wastes shall maintain records of the hazardous and other waste imported by him in <b>Form 3</b> and the record so maintained shall be made available for inspection.</li> <li>4 The importer of the hazardous and other wastes shall file an annual return in <b>Form 4</b> to the State Pollution Control Board on or before the 30<sup>th</sup> day of June following the financial year to which that return relates.</li> </ol>
<b>Rule 14</b>	<p><b>Procedure for Export of hazardous and other wastes from India</b></p> <ol style="list-style-type: none"> <li>(a) Any occupier intending to export waste specified in Part A of Schedule III, Part B of Schedule III and Schedule VI, shall make an application in <b>Form 5</b> along with insurance cover to the Ministry of Environment, Forest and Climate Change for the proposed transboundary movement of the hazardous and other wastes together with the prior informed consent in writing from the importing country in respect of wastes specified in Part A of Schedule III and Schedule VI.</li> <li>(b) The exporter shall also ensure that the shipment is accompanied with movement document in <b>Form 6</b>.</li> <li>(c) The exporter of the hazardous and other wastes shall maintain the records of the hazardous or other waste exported by him in <b>Form 3</b> and the record so maintained shall be available for inspection.</li> </ol>
<b>Rule 15</b>	<p><b>Illegal Traffic</b></p> <p>The export and import of hazardous or other wastes from and into India, respectively shall be deemed illegal, if it is without permission of the Central Government in accordance with these rules; or it does not conform to the shipping details provided in the movement documents; or it results in deliberate disposal (i.e., dumping) of hazardous or other waste in contravention of the Basel Convention and of general</p>



	principles of international or domestic law.
<b>Rule 16</b>	<p><b>Treatment, storage and disposal facility for hazardous and other wastes</b></p> <p>① The State Government, occupier, operator of a facility or any association of occupiers shall individually or jointly or severally be responsible for identification of sites for establishing the facility for treatment, storage and disposal of the hazardous and other waste in the State.</p> <p>② The operator of common facility or occupier of a captive facility, shall design and set up the treatment, storage and disposal facility as per technical guidelines issued by the Central Pollution Control Board in this regard from time to time and shall obtain approval from the State Pollution Control Board for design and layout in this regard.</p> <p>③ The State Pollution Control Board shall monitor the setting up and operation of the common or captive treatment, storage and disposal facility, regularly</p> <p>④ The operator of common facility or occupier of a captive facility shall be responsible for safe and environmentally sound operation of the facility and its closure and post closure phase, as per guidelines or standard operating procedures issued by the Central Pollution Control Board from time to time</p> <p>⑤ The operator of common facility or occupier of a captive facility shall maintain records of hazardous and other wastes handled by him in <b>Form 3</b>.</p> <p>⑥ The operator of common facility or occupier of a captive facility shall file an annual return in <b>Form 4</b> to the State Pollution Control Board on or before the 30<sup>th</sup> day of June following the financial year to which that return relates.</p>
<b>Rule 17</b>	<p><b>Packaging and Labelling</b></p> <p>The hazardous and other wastes shall be packaged in a manner suitable for safe handling, storage and transport as per the guidelines issued by the Central Pollution Control Board from time to time.</p> <p>The labelling shall be done as per <b>Form 8</b>. The label shall be of non-washable material, weather proof and easily visible.</p>
<b>Rule 18</b>	<p><b>Transportation of hazardous and other wastes</b></p> <p>The transport of the hazardous and other waste shall be in accordance with the provisions of these rules and the rules made by the Central Government under the Motor Vehicles Act, 1988 and the guidelines issued by the Central Pollution Control Board from time to time in this regard.</p> <p>The occupier shall provide the transporter with the relevant information in <b>Form 9</b>, regarding the hazardous nature of the wastes and measures to be taken in case of an emergency and shall label the hazardous and other wastes containers as per <b>Form 8</b>.</p> <p>In case of transportation of hazardous and other waste for final disposal to a facility existing in a State other than the State where the waste is generated, the sender shall obtain „No Objection Certificate“ from the State Pollution Control Board of both the States.</p>
<b>Rule 19</b>	<p><b>Manifest system (Movement Document)</b> for hazardous and other waste to be used within the country only</p> <p>The sender of the waste shall prepare seven copies of the manifest in <b>Form 10</b> comprising of colour code indicated below and all seven copies shall be signed by the sender:</p>
<b>Rule 20</b>	<p><b>Records and returns</b></p> <p>The occupier handling hazardous or other wastes and operator of disposal facility shall maintain records of such operations in <b>Form 3</b>.</p> <p>(2) The occupier handling hazardous and other wastes and operator of disposal facility shall send annual returns to the State Pollution Control Board in <b>Form 4</b>.</p>

<b>Rule 21</b>	<b>Responsibility of authorities</b> The authority specified in column (2) of Schedule VII shall perform the duties as specified in column (3) of the said Schedule subject to the provisions of these rules.	
<b>Rule 22</b>	<b>Accident reporting</b> Where an accident occurs at the facility of the occupier handling hazardous or other wastes and operator of the disposal facility or during transportation, the occupier or the operator or the transporter shall immediately intimate the State Pollution Control Board through telephone, e-mail about the accident and subsequently send a report in <b>Form 11</b> .	
<b>Rule 23</b>	<b>Liability of occupier, importer or exporter and operator of a disposal facility</b> The occupier, importer or exporter and operator of the disposal facility shall be liable for all damages caused to the environment or third party due to improper handling and management of the hazardous and other waste shall be liable to pay financial penalties as levied for any violation of the provisions under these rules by the State Pollution Control Board with the prior approval of the Central Pollution Control Board.	
<b>Rule 24</b>	<b>Appeal</b> Any person aggrieved by an order of suspension or cancellation or refusal of authorisation or its renewal passed by the State Pollution Control Board may, prefer an appeal in <b>Form 12</b> to the Appellate Authority, namely, the Environment Secretary of the State within a period of thirty days.	
<b>SCHEDULE I</b>	List of processes generating hazardous wastes	
<b>SCHEDULE II</b>	List of waste constituents with concentration limits	
<b>SCHEDULE III</b>	<b>PART-A</b>	List of hazardous wastes applicable for import and export with Prior Informed Consent
	<b>PART-B</b>	List of other wastes applicable for import and export and not requiring Prior Informed Consent
	<b>PART-C</b>	List of Hazardous Characteristics
	<b>PART-D</b>	List of other wastes applicable for import and export without permission from Ministry of Environment, Forest and Climate Change
<b>SCHEDULE IV</b>	List of commonly recyclable hazardous wastes	
<b>SCHEDULE V</b>	<b>PART-A</b>	Specifications of Used Oil Suitable for recycling
	<b>PART-B</b>	Specification of fuel derived from waste oil
<b>SCHEDULE VI</b>	Hazardous and Other wastes prohibited for import	
<b>SCHEDULE VII</b>	List of authorities and corresponding duties	
<b>SCHEDULE VIII</b>	List of documents for verification by Customs for import of other wastes specified in Part D of Schedule III	
<b>FORM 1</b>	Application Form for apply for Authorisation under HWM Rules, 2016	
<b>FORM 2</b>	Form for grant or renewal of Authorisation by State Pollution Control Board	
<b>FORM 3</b>	Format for maintaining records of Hazardous and Other Wastes	
<b>FORM 4</b>	Form for filing Annual Returns	
<b>FORM 5</b>	Application for Import or Export of Hazardous and Other Waste for reuse or recycling or recovery or co-processing or utilisation	
<b>FORM 6</b>	Transboundary Movement – Movement Document	

<b>FORM 7</b>	Application form for ONE TIME Authorisation of Traders for Part- D of Schedule III, Waste.
<b>FORM 8</b>	Labelling of Containers of Hazardous and Other Waste
<b>FORM 9</b>	Transport Emergency (TREM) Card
<b>FORM 10</b>	Manifest for Hazardous and Other Waste
<b>FORM 11</b>	Format for Reporting Accident
<b>FORM 12</b>	Application for filing APPEAL against the Order passed by State Pollution Control Board

## The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989

Rule 2	<p><b>Definitions.-</b></p> <p>(e) "hazardous chemical" means-</p> <p>(i) any chemical which satisfies any of the criteria laid down in Part I of Schedule I or is listed in Column 2 of Part II of this Schedule;</p> <p>(ii) any chemical listed in Column 2 of Schedule 2;</p> <p>(iii) any chemical listed in Column 2 of Schedule 3;</p> <p>(h) "industrial activity" means-</p> <p>(i) an operation of process carried out in an industrial installation referred to in Schedule 4 involving or likely to involve one or more hazardous chemicals and includes on-site storage or on-site transport which is associated with that operation or process, as the case may be; or</p> <p>(ii) isolated storage; or</p> <p>(iii) pipeline;</p> <p>(i) "isolated storage" means storage of a hazardous chemical, other than storage associated with an installation on the same site specified in Schedule 4 where that storage involves at least the quantities of that chemical set out in Schedule 2</p>
Rule 3	Duties of authorities
Rule 4	<p><b>General responsibility of the occupier during industrial activity.-</b></p> <p>(1) This rule shall apply to,-</p> <p>(a) an industrial activity in which a hazardous chemical, which satisfies any of the criteria laid down in Part I of Schedule or listed in Column 2 of Part II of this Schedule is or may be involved; and</p> <p>(b) isolated storage of a hazardous chemical listed in Schedule 2 in a quantity equal to or more than the threshold quantity specified in Column 3, thereof</p> <p>(2) An occupier who has control of an industrial activity in term of sub-rule(1) shall provide evidence to show that he has,-</p> <p>(a) identified the major accident hazards; and</p> <p>(b) taken adequate steps to -</p> <p>(i) prevent such major accidents and to limit their consequences to persons and the environment;</p> <p>(ii) provide to the persons working on the site with the information, training and equipment including antidotes necessary to ensure their safety.</p>
Rule 5	Notification of Major accident.
Rule 6	Industrial activity to which rules 7 to 15 apply.
Rule 7	Approval and Notification of sites.
Rule 8	Updating of the site notification following changes in the threshold quantity.
Rule 9	Transitional provisions.
Rule 10	Safety reports and Safety Audit Reports.
Rule 11	Updating of reports under rule 10.
Rule 12	Requirements for further information to be sent to the authority
Rule 13	Preparation of on-site emergency plan by the occupier.
Rule 14	Preparation of off-site emergency plan by the authority
Rule 15	Information to be given to persons liable to be affected by a major accident
Rule 16	Disclosures of information
Rule 17	Collection, Development and Dissemination of Information.
Rule 18	Import of hazardous chemicals
Rule 19	Improvement notices
Rule 20	Power of the Central Government to modify the Schedule.

Schedule 1	Part –I Indicate toxicity level of chemicals Part-II List of Hazardous and Toxic chemicals
Schedule 2	Isolated storage at Installations other than those covered by schedule 4
Schedule 3	List of Hazardous Chemicals for Application of Rules 5 and 7 to 15 Part - I Named Chemicals Part – II Classes of Substances as defined in Part-I, Schedule-I and not specifically named in Part-I of this schedule
Schedule 4	List of Hazardous Chemicals Installation
Schedule 5	Authorities and their duties and corresponding Rules
Schedule 6	Information to be furnished regarding notification of a major accident
Schedule 7	Information to be furnished for the notification of sites
Schedule 8	Information to be furnished in a safety report
Schedule 9	Safety Data Sheet
Schedule 10	Format for maintaining records of hazardous chemicals imported
Schedule 11	Details to be furnished in the on-site emergency plan
Schedule 12	Details to be furnished in the off-site emergency plan

## The Solid Wastes Management Rules, 2016

Rule 2	<b>Application.-</b> These rules shall apply to every urban local body, outgrowths in urban agglomerations, census towns as declared by the Registrar General and Census Commissioner of India, notified areas, notified industrial townships, areas under the control of Indian Railways, airports, airbases, Ports and harbours, defence establishments, special economic zones, State and Central government organisations, places of pilgrims, religious and historical importance as may be notified by respective State government from time to time and to every domestic, institutional, commercial and any other non residential solid waste generator situated in the areas except industrial waste, hazardous waste, hazardous chemicals, bio medical wastes, e-waste, lead acid batteries and radio-active waste, that are covered under separate rules framed under the Environment (Protection) Act, 1986
Rule 3	<b>Definitions.-</b> <b>(30) " local body"</b> for the purpose of these rules means and includes the municipal corporation, nagar nigan, municipal council, nagarpalika, nagar Palikaparishad municipal board, nagar panchayat and town panchayat, census towns, notified areas and notified industrial townships with whatever name they are called in different States and union territories in India (xvi) "operator of a facility" means a person who owns or operates a facility for collection, segregation, storage, transportation processing and disposal of municipal solid wastes and also includes any other agency appointed as such by the municipal authority for management and handling of municipal solid wastes in the respective areas; <b>(44) "segregation"</b> means sorting and separate storage of various components of solid waste namely biodegradable wastes including agriculture and dairy waste, non biodegradable wastes including recyclable waste, non-recyclable combustible waste, sanitary waste and non recyclable inert waste, domestic hazardous wastes, and construction and demolition wastes
Rule 4	Duties of waste generators
Rule 5	Duties of Ministry of Environment, Forest and Climate Change
Rule 6	Duties of Ministry of Urban Development
Rule 7	Duties of Department of Fertilisers, Ministry of Chemicals and Fertilisers
Rule 8	Duties of Ministry of Agriculture, Government of India
Rule 9	Duties of the Ministry of Power
Rule 10	Duties of Ministry of New and Renewable Energy Sources
Rule 11	Duties of the Secretary-in-charge, Urban Development in the States and Union territories
Rule 12	Duties of District Magistrate or District Collector or Deputy Commissioner.- The District Magistrate or District Collector or as the case may be, the Deputy Commissioner shall, - facilitate identification and allocation of suitable land as per clause (f) of rules 11 for setting up solid waste processing and disposal facilities to local authorities in his district in close coordination with the Secretary-in-charge of State Urban Development Department within one year from the date of notification of these rules; review the performance of local bodies, at least once in a quarter on waste segregation, processing, treatment and disposal and take corrective measures in consultation with the Commissioner or Director of Municipal Administration or Director of local bodies and secretary-in-charge of the State Urban Development
Rule 13	Duties of the Secretary-in-charge of Village Panchayats or Rural Development Department in the State and Union territory.- (1) The Secretary-in-charge of Village Panchayats or Rural Development Department in the State and Union territory shall

	have the same duties as the Secretary-in-charge, Urban Development in the States and Union territories, for the areas which are covered under these rules and are under their jurisdictions
Rule 14	Duties of Central Pollution Control Board
Rule 15	Duties and responsibilities of local authorities and village Panchayats of census towns and urban agglomerations
Rule 16	Duties of State Pollution Control Board or Pollution Control Committee
Rule 17	Duty of manufacturers or brand owners of disposable products and sanitary napkins and diapers
Rule 18	Duties of the industrial units located within one hundred km from the refused derived fuel and waste to energy plants based on solid waste
Rule 19	Criteria for Duties regarding setting-up solid waste processing and treatment facility
Rule 20	Criteria and actions to be taken for solid waste management in hilly areas
Rule 21	Criteria for waste to energy process
Rule 22	Time frame for implementation
Rule 23	State Level Advisory Body
Rule 24	Annual Reports
Rule 25	Accident Reporting
Schedule I	Specifications for Sanitary Landfills
Schedule II	Standards of processing and treatment of solid waste
Form -I	Application for obtaining authorisation under solid waste management rules for processing/recycling/treatment and disposal of solid waste
Form - II	Format for issue of authorisation
Form -III	Format of annual report to be submitted by the operator of facility to the local body
Form - IV	Format for annual report on solid waste management to be submitted by the local body
Form - V	Format of annual report to be submitted by the state pollution control board or pollution control committee committees to the central pollution control board
Form - VI	Accident Reporting

## The Plastic Waste Management Rules, 2016

Rule 3	<p><b>Definitions.-</b> In these rules, unless the context otherwise requires.-</p> <p>(a) “Act” means the Environment (Protection) Act, 1986 (29 of 1986);</p> <p>(b) “brand owner” means a person or company who sells any commodity under a registered brand label.</p> <p>(c) “carry bags” mean bags made from plastic material or compostable plastic material, used for the purpose of carrying or dispensing commodities which have a self carrying feature but do not include bags that constitute or form an integral part of the packaging in which goods are sealed prior touse.</p> <p>(d) "commodity" means tangible item that may be bought or sold and includes all marketable goods or wares;</p> <p>(e) “compostable plastics” mean plastic that undergoes degradation by biological processes during composting to yield CO<sub>2</sub>, water, inorganic compounds and biomass at a rate consistent with other known compostable materials, excluding conventional petro-based plastics, and does not leave visible, distinguishable or toxic residue;</p> <p>(f) “consent” means the consent to establish and operate from the concerned State Pollution Control Board or Pollution Control Committee granted under the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974), and the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981);</p> <p>(g) “disintegration” means the physical breakdown of a material into very small fragments;</p> <p>(h) “extended producer” s responsibility ” means the responsibility of a producer for the environmentally sound management of the product until the end of its life;</p> <p>(i) “food-stuffs” mean ready to eat food products, fast food, processed or cooked food in liquid, powder, solid or semi-solid form</p> <p>2) “facility” means the premises used for collection, Storage, recycling, processing and disposal of plastic waste;</p> <p>3) “importer” means a person who imports or intends to import and holds an Importer - Exporter Code number, unless otherwise specifically exempted.</p> <p>4) “institutional waste generator” means and includes occupier of the institutional buildings such as building occupied by Central Government Departments, State Government Departments, public or private sector companies, hospitals, schools, colleges, universities or other places of education, organisation, academy, hotels, restaurants, malls and shopping complexes;</p> <p>5) “manufacturer” means and include a person or unit or agency engaged in production of plastic raw material to be used as raw material bythe producer.</p> <p>6) “multilayered packaging” means any material used or to be used for packaging and having at least one layer of plastic as the main ingredients in combination with one or more layers of materials such as paper, paper board, polymeric materials, metalised layers or aluminium foil, either in the form of a laminate or co-extruded structure;</p> <p>7) “plastic” means material which contains as an essential ingredient a high polymer such as polyethylene terephthalate, high density polyethylene, Vinyl, low density polyethylene, polypropylene, polystyrene resins, multi-materials like acrylonitrile butadiene styrene, polyphenylene oxide, polycarbonate, Polybutylene terephthalate;</p> <p>8) “plastic sheet” means Plastic sheet is the sheet made of plastic;</p>
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	<p>9) “plastic waste” means any plastic discarded after use or after their intended use is over;</p> <p>10) “prescribed authority” means the authorities specified in rule 12;</p> <p>11) “producer” means persons engaged in manufacture or import of carry bags or multilayered packaging or plastic sheets or like, and includes industries or individuals using plastic sheets or like or covers made of plastic sheets or multilayered packaging for packaging or wrapping the commodity;</p> <p>Ⓜ "recycling" means the process of transforming segregated plastic waste into a new product or raw material for producing new products;</p> <p>Ⓜ "registration” means registration with the State Pollution Control Board or Pollution Control Committee concerned, as the case maybe</p> <p>Ⓜ “street vendor” shall have the same meaning as assigned to it in clause (1) of sub-section (1) of Section 2 of the Street Vendors (Protection of Livelihood and Regulation of Street Vending) Act, 2014 (7 of 2014);</p> <p>Ⓜ “local body” means urban local body with different nomenclature such as municipal corporation, municipality, nagarpalika, nagarnigam, nagarpanchayat, municipal council including notified area committee (NAC) and not limited to or any other local body constituted under the relevant statutes such as gram panchayat, where the management of plastic waste is entrusted to such agency;</p> <p>Ⓜ “virgin plastic” means plastic material which has not been subjected to use earlier and has also not been blended with scrap or waste;</p> <p>Ⓜ “waste generator” means and includes every person or group of persons or institution, residential and commercial establishments including Indian Railways, Airport, Port and Harbour and Defense establishments which generate plastic waste;</p> <p>Ⓜ “waste management” means the collection, storage, transportation reduction, re-use, recovery, recycling, composting or disposal of plastic waste in an environmentally safe manner;</p> <p>Ⓜ “waste pickers” mean individuals or agencies, groups of individuals voluntarily engaged or authorised for picking of recyclable plastic waste.</p>
Rule 4	<p><b>Conditions.-</b> (1) The manufacture, importer stocking, distribution, sale and use of carry bags, plastic sheets or like, or cover made of plastic sheet and multilayered packaging, shall be subject to the following conditions, namely:-</p> <p>Ⓜ carry bags and plastic packaging shall either be in natural shade which is without any added pigments or made using only those pigments and colourants which are in conformity with Indian Standard : IS 9833:1981 titled as “List of pigments and colourants for use in plastics in contact with foodstuffs, pharmaceuticals and drinking water”, as amended from time to time;</p> <p>Ⓜ Carry bags made of recycled plastic or products made of recycled plastic shall not be used for storing, carrying, dispensing or packaging ready to eat or drink food stuff” ;</p> <p>Ⓜ carry bag made of virgin or recycled plastic, shall not be less than fifty microns in thickness;</p> <p>Ⓜ plastic sheet or like, which is not an integral part of multilayered packaging and cover made of plastic sheet used for packaging, wrapping the commodity shall not be less than fifty microns in thickness except where the thickness of such plastic sheets impair the functionality of the product</p> <p>8) the manufacturer shall not sell or provide or arrange plastic to be used as raw material to a producer, not having valid registration from the concerned State</p>

	<p>Pollution Control Boards or Pollution Control Committee;</p> <p>9) sachets using plastic material shall not be used for storing, packing or selling gutkha, tobacco and pan masala;</p> <p>10) recycling of plastic waste shall conform to the Indian Standard: IS 14534:1998 titled as Guidelines for Recycling of Plastics, as amended from time to time;</p> <p>11) The provision of thickness shall not be applicable to carry bags made up of compostable plastic. Carry bags made from compostable plastics shall conform to the Indian Standard: IS 17088:2008 titled as Specifications for Compostable Plastics, as amended from time to time. The manufacturers or seller of compostable plastic carry bags shall obtain a certificate from the Central Pollution Control Board before marketing or selling;and</p> <p>12) plastic material, in any form including Vinyl Acetate - Maleic Acid-Vinyl Chloride Copolymer, shall not be used in any package for packaging gutkha, pan masala and tobacco in all forms.</p>
Rule 5	<p><b>Plastic Waste Management.-</b></p> <p>(1) The plastic waste management by the urban local bodies in their respective jurisdiction shall be as under:-</p> <p>(a) plastic waste, which can be recycled, shall be channelized to registered plastic waste recycler and recycling of plastic shall conform to the Indian Standard: IS 14534:1998 titled as Guidelines for Recycling of Plastics, as amended from time to time.</p> <p>(b) local bodies shall encourage the use of plastic waste (preferably the plastic waste which cannot be further recycled) for road construction as per Indian Road Congress guidelines or energy recovery or waste to oil etc. The standards and pollution control norms specified by the prescribed authority for these technologies shall be complied with.</p> <p>(c) Thermo set plastic waste shall be processed and disposed off as per the guidelines issued from time to time by the Central Pollution Control Board.</p> <p>(d) The inert from recycling or processing facilities of plastic waste shall be disposed of in compliance with the Solid Waste Management Rules, 2000 or as amended from time to time.</p>
Rule 6	<p><b>Responsibility of local body.-</b> (1) Every local body shall be responsible for development and setting up of infrastructure for segregation, collection, storage, transportation, processing and disposal of the plastic waste either on its own or by engaging agencies or producers.</p> <p>(2) The local body shall be responsible for setting up, operationalisation and co-ordination of the waste management system and for performing the associated functions, namely:-</p> <p>(a) Ensuring segregation, collection, storage, transportation, processing and disposal of plastic waste;</p> <p>(b) ensuring that no damage is caused to the environment during this process;</p> <p>(c) ensuring channelization of recyclable plastic waste fraction to recyclers;</p> <p>(d) ensuring processing and disposal on non-recyclable fraction of plastic waste in accordance with the guidelines issued by the Central Pollution Control Board;</p> <p>(e) creating awareness among all stakeholders about their responsibilities;</p> <p>(f) engaging civil societies or groups working with waste pickers; and</p> <p>(g) ensuring that open burning of plastic waste does not take place.</p> <p>(3) The local body for setting up of system for plastic waste management shall seek assistance of producers and such system shall be set up within one year from the date of final publication of these rules in the Official Gazette of India.</p>

	(4) The local body to frame bye-laws incorporating the provisions of these rules
Rule 7	<p><b>Responsibility of Gram Panchayat.-</b> (1) Every gram panchayat either on its own or by engaging an agency shall set up, operationalise and co-ordinate for waste management in the rural area under their control and for performing the associated functions, namely,-</p> <ul style="list-style-type: none"> <li>(a) ensuring segregation, collection, storage, transportation, plastic waste and channelization of recyclable plastic waste fraction to recyclers having valid registration; ensuring that no damage is caused to the environment during this process;</li> <li>(b) creating awareness among all stakeholders about their responsibilities; and</li> <li>(c) ensuring that open burning of plastic waste does not take place</li> </ul>
Rule 8	<p><b>Responsibility of waste generator.-</b> (1) The waste generator shall.-</p> <ul style="list-style-type: none"> <li>(8) take steps to minimize generation of plastic waste and segregate plastic waste at source in accordance with the Solid Waste Management Rules, 2000 or as amended from time to time.</li> <li>(9) not litter the plastic waste and ensure segregated storage of waste at source and handover segregated waste to urban local body or gram panchayat or agencies appointed by them or registered waste pickers", registered recyclers or waste collection agencies</li> <li>(10) All institutional generators of plastic waste, shall segregate and store the waste generated by them in accordance with the Municipal Solid Waste (Management and Handling) Rules, 2000 notified vide S.O 908(E) dated the 25th September, 2000 under the Act or amendment from time to time and handover segregated wastes to authorized waste processing or disposal facilities or deposition centers either on its own or through the authorized waste collection agency.</li> <li>(11) All waste generators shall pay such user fee or charge as may be specified in the bye-laws of the local bodies for plastic waste management such as waste collection or operation of the facility thereof, etc.;</li> </ul> <p>Every person responsible for organising an event in open space, which involves service of food stuff in plastic or multilayered packaging shall segregate and manage the waste generated during such events in accordance with the Municipal Solid Waste (Management and Handling) Rules, 2000 notified vide S.O 908(E) dated the 25th September, 2000 under the Act or amendment from time to time</p>
Rule 9	<p><b>Responsibility of producers, Importers and Brand Owners.-</b> (1) The producers, within a period of six months from the date of publication of these rules, shall work out modalities for waste collection system based on Extended Producers Responsibility and involving State Urban Development Departments, either individually or collectively, through their own distribution channel or through the local body concerned.</p> <p>8 Primary responsibility for collection of used multi-layered plastic sachet or pouches or packaging is of Producers, Importers and Brand Owners who introduce the products in the market. They need to establish a system for collecting back the plastic waste generated due to their products. This plan of collection to be submitted to the State Pollution Control Boards while applying for Consent to Establish or Operate or Renewal. The Brand Owners whose consent has been renewed before the notification of these rules shall submit such plan within one year from the date of notification of these rules and implement with two years thereafter.</p> <p>9 manufacture and use of non- recyclable multilayered plastic if any should be phased out in Two years time.</p> <p>10 The producer, within a period of three months from the date of final publication of these rules in the Official Gazette shall apply to the Pollution Control</p>

	<p>Board or the Pollution Control Committee, as the case may be, of the States or the Union Territories administration concerned, for grant of registration.</p> <p>11 No producer shall on and after the expiry of a period of Six Months from the date of final publication of these rules in the Official Gazette manufacture or use any plastic or multilayered packaging for packaging of commodities without registration from the concerned State Pollution Control Board or the Pollution Control Committees</p> <p>12 Every producer shall maintain a record of details of the person engaged in supply of plastic used as raw material to manufacture carry bags or plastic sheet or like or cover made of plastic sheet or multilayered packaging</p>
Rule 10	<b>Protocols for compostable plastic materials</b>
Rule 11	<p><b>Marking or labelling.</b>-(1) Each plastic carry bag and multilayered packaging shall have the following information printed in English namely,-  name, registration number of the manufacturer and thickness in case of carry bag;  name and registration number of the manufacturer in case of multilayered packaging; and  name and certificate number [Rule 4(h)] in case of carry bags made from compostable plastic</p> <p>(2) Each recycled carry bag shall bear a label or a mark “recycled” as shown below and shall conform to the Indian Standard: IS 14534: 1998 titled as “Guidelines for Recycling of Plastics”, as amended from time to time;</p>
Rule 12	<p><b>Prescribed authority.</b>- (1) The State Pollution Control Board and Pollution Control Committee in respect of a Union territory shall be the authority for enforcement of the provisions of these rules relating to registration, manufacture of plastic products and multilayered packaging, processing and disposal of plastic wastes</p> <p>② The concerned Secretary-in-charge of Urban Development of the State or a Union Territory shall be the authority for enforcement of the provisions of these rules relating to waste management by waste generator, use of plastic carry bags, plastic sheets or like, covers made of plastic sheets and multilayered packaging.</p> <p>③ The concerned Gram Panchayat shall be the authority for enforcement of the provisions of these rules relating to waste management by the waste generator, use of plastic carry bags, plastic sheets or like, covers made of plastic sheets and multilayered packaging in the rural area of the State or a Union Territory.</p> <p>The authorities referred to in sub-rules (1) to (3) shall take the assistance of the District Magistrate or the Deputy Commissioner within the territorial limits of the jurisdiction of the concerned district in the enforcement of the provisions of these rules</p>
Rule 13	<p><b>Registration of producer, recyclers and manufacturer.</b>- (1) No person shall manufacture carry bags or recycle plastic bags or multilayered packaging unless the person has obtained a registration from the State Pollution Control Board or the Pollution Control Committee of the Union Territory concerned, as the case may be, prior to the commencement of production;</p> <p>(2) Every producer shall, for the purpose of registration or for renewal of registration, make an application to the State Pollution Control Board or the Pollution Control Committee of the Union territory concerned, in Form I</p> <p>(3) Every person recycling or processing waste or proposing to recycle or process plastic waste shall make an application to the State Pollution Control Board or the Pollution Control Committee, for grant of registration or renewal of registration for the recycling unit, in Form II.</p> <p>(4) Every manufacturer engaged in manufacturer of plastic to be used as raw material bythe producer shall make an application to the State Pollution Control</p>

	<p>Board or the Pollution Control Committee of the Union territory concerned, for the grant of registration or for the renewal of registration, in Form III.</p> <p>(5) The State Pollution Control Board or the Pollution Control Committee shall not issue or renew registration to plastic waste recycling or processing units unless the unit possesses a valid consent under the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) and the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) along with a certificate of registration issued by the District Industries Centre or any other Government agency authorised in this regard</p> <p>(6) The State Pollution Control Board or the Pollution Control Committee shall not renew registration of producer unless the producer possesses and action plan endorsed by the Secretary in charge of Urban Development of the concerned State or Union Territory for setting of plastic waste management system.</p> <p>(7) On receipt of the application complete in all respects for the registration for recycling or processing of plastic waste under sub-rule (3), the State Pollution Control Board may, after such inquiry as it considers necessary and on being satisfied that the applicant possesses appropriate facilities, technical capabilities and equipment to handle plastic waste safely, may grant registration to the applicant on fulfilment of the conditions as may be laid down in terms of registration.</p> <p>(8) Every State Pollution Control Board or Pollution Control Committee shall take a decision on the grant of registration within ninety days of receipt of an application which is complete in all respects.</p> <p>(9) The registration granted under this rule shall initially be valid for a period of one year, unless revoked, suspended or cancelled and shall subsequently be granted for three years.</p> <p>(10) State Pollution Control Board or the Pollution Control Committees shall not revoke, suspend or cancel registration without providing the opportunity of a hearing to the producer or person engaged in recycling or processing of plastic wastes.</p> <p>(11) Every application for renewal of registration shall be made at least one hundred twenty days before the expiry of the validity of the registration certificate</p>
Rule 14	<p><b>Responsibility of retailers and street vendors-</b> (1) Retailers or street vendors shall not sell or provide commodities to consumer in carry bags or plastic sheet or multilayered packaging, which are not manufactured and labelled or marked, as per prescribed under these rules.</p> <p>(2) Every retailers or street vendors selling or providing commodities in, plastic carry bags or multilayered packaging or plastic sheets or like or covers made of plastic sheets which are not manufactured or labelled or marked in accordance with these rules shall be liable to pay such fines as specified under the bye-laws of the local bodies</p>
Rule 15	<p><b>Explicit pricing of carry bags.-</b> (1) The shopkeepers and street vendors willing to provide plastic carry bags for dispensing any commodity shall register with local body. The local body shall, within a period of six months from the date of final publication of these rules in the Official Gazette of India notification of these rules, by notification or an order under their appropriate state statute or byelaws shall make provisions for such registration on payment of plastic waste management fee of minimum rupees forty eight thousand @ rupees four thousand per month. The concerned local body may prescribe higher plastic waste management fee, depending upon the sale capacity. The registered shop keepers shall display at prominent place that plastic carrybags are given on payment</p> <p>(2) Only the registered shopkeepers or street vendors shall be eligible to provide plastic carry bags for dispensing the commodities.</p> <p>(3) The local body shall utilize the amount paid by the customers for the carry</p>

	bags exclusively for the sustainability of the waste management system within their jurisdictions
Rule 16	<b>State Level Monitoring Committee</b>
Rule 17	<b>Annual reports.-</b> (1) Every person engaged in recycling or processing of plastic waste shall prepare and submit an annual report in Form-IV to the local body concerned under intimation to the concerned State Pollution Control Board or Pollution Control Committee by the 30 <sup>th</sup> April, of every year. (2) Every local body shall prepare and submit an annual report in Form –V to the concerned Secretary-in-charge of the Urban Development Department under intimation to the concerned State Pollution Control Board or Pollution Control Committee by the 30 <sup>th</sup> June, every year
Form 1	Application for registration for producers or brand owners
Form 2	Application form for registration of units engaged in processing or recycling of plastic waste
Form 3	application for registration for manufacturers of plastic raw materials
Form 4	Format of Annual Report by Operator of plastic waste processing or recycling Facility to the Local Body
Form 5	Format for annual report on plastic waste management to be submitted by the local body

## The Noise Pollution (Regulation and Control) Rules, 2000

Rule 2	<p><b>Definitions.-</b>  (c) “authority” means and includes any authority or officer authorized by the Central Government, or as the case may be, the State Government in accordance with the laws in force and includes a District Magistrate, Police Commissioner, or any other officer not below the rank of the Deputy Superintendent of Police designated for the maintenance of the ambient air quality standards in respect of noise under any law for the time being in force.</p>
Rule 3	<p><b>Ambient Air Quality Standards in respect of Noise for different areas / Zones.-</b></p> <ol style="list-style-type: none"> <li>① The ambient air quality standards in respect of noise for different areas / zones shall be such as specified in the schedule annexed to these rules.</li> <li>② The State Government shall categorize the area into industrial, commercial, residential or silence areas / zones for the purpose of implementation of noise standards for different areas.</li> <li>③ The State Government shall take measures for abatement of noise including noise emanating from vehicular movements, blowing of horns, busting of sound emitting fire crackers, use of loud speakers, or public address system and sound producing instrumental and ensure that the existing noise levels do not exceed the ambient air quality standards specified under these rules.</li> <li>④ All development authorities, local bodies and other concerned authorities while planning developmental activity or carrying out functions relating to town and country planning shall take into consideration all aspects of noise pollution as a parameter of quality of life to avoid noise menace and to achieve the objective of maintaining the ambient air quality standards in respect of noise.</li> <li>⑤ An area comprising not less than 100 meters around hospitals, educational institutions and courts may be declared as silence area / zone for the purpose of these rules.</li> </ol>
Rule 4	<p><b>Responsibility as to Enforcement of Noise Pollution Control Measures.-</b></p> <ol style="list-style-type: none"> <li>(1) The noise levels in any area / zone shall not exceed the ambient air quality standards in respect of noise as specified in the Schedule</li> <li>(2) The authority shall be responsible for enforcement of noise pollution control measures and due compliance of the ambient air quality standards in respect to noise.</li> </ol>
Rule 5	<p><b>Restriction of the use of loud speakers / Public address system and Sound Producing Instruments.-</b></p> <ol style="list-style-type: none"> <li>(1) A loudspeaker or public address system shall not be used except after obtaining written permission from the authority.</li> <li>(2) A loud speaker or public address system or any sound producing instrument or a musical instrument or a sound amplifier shall not be used at night time except in closed premises for communication within, like auditoria, conference rooms, community halls, banquet halls or during a public emergency.</li> <li>(3) Notwithstanding anything contained in sub-rule (2), the State Government may subject to such terms and conditions as are necessary to reduce noise pollution permit use of loud speakers or public address systems during night hours (between 10.00 pm to 12.00 midnight) on or during any cultural or religious festive occasion of a limited duration not exceeding fifteen days in all during a calendar year. The Concerned State Government shall generally specify in advance, the number and particulars of the days on which such exemption would be operative.</li> <li>(4) The noise level at the boundary of the public place, where loudspeaker or public address system or any other noise source is being used shall not exceed 10 dB(A) above the ambient noise standards for the area or 75 dB(A) whichever is lower.</li> </ol>

	(5) The peripheral noise level of a privately owned sound system or a sound producing instrument shall not, at the boundary of the private place, exceed by more than 5 dB(A) the ambient noise standards specified for the area in which it is used.
Rule 5A	<p><b>Restrictions on the use of horns, sound emitting construction equipments and bursting of fire crackers.-</b></p> <ol style="list-style-type: none"> <li>1) No horn shall be used in silence zones or during night time in residential areas except during a public emergency.</li> <li>2) Sound emitting fire crackers shall not be burst in silence zone or during night time.</li> <li>3) Sound emitting construction equipments shall not be used or operated during night time in residential areas and silence zones.</li> </ol>
Rule 6	<p><b>Consequences of any violation in silence zone / area.-</b></p> <p>Whoever, in any place covered under silence zone / area commits any of the following offence, he shall be liable for penalty under the provisions of the Act.-</p> <ol style="list-style-type: none"> <li>(i) whoever, plays any music or uses sound amplifiers,</li> <li>(ii) whoever, beats a drum or tom – tom or blows a horn either musical or pressure, or trumpet or beats or sounds any instrument,</li> <li>(iii) whoever, exhibits any mimetic, musical or other performances of a nature to attract crowds.</li> <li>(iv) whoever, bursts sound emitting fire crackers; or</li> <li>(v) whoever, uses a loud speaker or a public address system.</li> </ol>
Rule 7	<p><b>Complaints to be made to the Authority.-</b></p> <ol style="list-style-type: none"> <li>(1) A person may, if the noise level exceeds the ambient noise standards by 10 dB(A) or more given in the corresponding columns against any area / zone, or, if there is a violation of any provision of these rules regarding restrictions imposed during night time, make a complaint to the authority.</li> <li>(2) The authority shall act on the complaint and take action against the violator in accordance with the provisions of these rules and any other law in force.</li> </ol>
Rule 8	<p><b>Power to prohibit etc., continuance of music sound or Noise.-</b></p> <ol style="list-style-type: none"> <li>1) If the authority is satisfied from the report of an officer in charge of a police station or other information received by him including from the complainant that it is necessary to do so in order to prevent annoyance, disturbance, discomfort or injury or risk person who dwell or occupy property on the vicinity, he may, by a written order issue such directions as he may consider necessary to any person for preventing, prohibiting, controlling or regulating:-       <ol style="list-style-type: none"> <li>a. The carrying on in or upon any premises of-           <ol style="list-style-type: none"> <li>(i) any vocal or instrumental music,</li> <li>(i) sounds caused by playing, beating, clashing, blowing or use in any manner whatsoever of any instrument including loudspeakers, public address systems, horn, construction equipment, appliance or apparatus or contrivance which is capable of producing or re-producing sound,</li> <li>(i) sound caused by bursting of sound emitting fire crackers, or</li> </ol> </li> <li>(b) The carrying on in or upon, any premises of any trade, a vocation or operation or process resulting in or attended with noise.</li> </ol> </li> </ol>



**E-Waste (Management) Rules, 2016**

Rule 2	<p><b>Application.</b> - These rules shall apply to every manufacturer, producer, consumer, bulk consumer, collection centres, dealers, e-retailer, refurbisher, dismantler and recycler involved in manufacture, sale, transfer, purchase, collection, storage and processing of e-waste or electrical and electronic equipment listed in Schedule I, including their components, consumables, parts and spares which make the product operational but shall not apply to -</p> <ul style="list-style-type: none"> <li>Ⓐ used lead acid batteries as covered under the Batteries(Management and Handling) Rules, 2001 made under the Act;</li> <li>Ⓑ micro enterprises as defined in the Micro, Small and Medium EnterprisesDevelopment Act, 2006 (27 of 2006); and</li> <li>Ⓒ radio-active wastes as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made thereunder</li> </ul>
Rule 3	<p><b>Definitions.-</b></p> <ul style="list-style-type: none"> <li>(a) 'Act' means the Environment (Protection) Act, 1986 (29 of 1986);</li> <li>(b) 'authorisation' means permission for generation, handling, collection, reception, storage, transportation, refurbishing, dismantling, recycling, treatment and disposal of e-waste, granted to manufacturer, dismantler, refurbisher and recycler;</li> <li>(c) 'bulk consumer' means bulk users of electrical and electronic equipment such as Central Government or State Government Departments, public sector undertakings, banks, educational institutions, multinational organisations, international agencies, partnership and public or private companies that are registered under the Factories Act, 1948 (63 of 1948) and the Companies Act, 2013 (18 of 2013) and health care facilities which have turnover of more than one crore or have more than twenty employees;</li> <li>(d) 'Central Pollution Control Board' means the Central Pollution Control Board constituted under sub-section (1) of section 3 of the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974);</li> <li>(e) 'collection centre' means a centre or a collection point or both established by producer individually or as association jointly to collect e-waste for channelising the e-waste to recycler and play such role as indicated in the authorisation for Extended Producer Responsibility granted to the producer and having facilities as per the guidelines of Central Pollution Control Board, including the collection centre established by the dismantler or refurbisher or recycler which should be a part of their authorisation issued by the State Pollution Control Board where the facility exists;</li> <li>(f) "component" means one of the parts of a sub-assembly or assembly of which a manufactured product is made up and into which it may be resolved and includes an accessory or attachment to another component;</li> <li>(g) "consumables" means an item, which participates in or is required for a manufacturing process or for functioning of the electrical and electronic equipment and may or may not form part of end-product. Items, which are substantially or totally consumed during a manufacturing process, shall be deemed to be consumables;</li> <li>(h) 'consumer' means any person using electrical and electronic equipment excluding the bulk consumers;</li> <li>(i) "channelisation" means to direct the path for movement of e-wastes from</li> </ul>

collection onwards to authorised dismantler or recycler. In case of fluorescent and other mercury containing lamps, where recyclers are not available, this means path for movement from collection centre to Treatment, Storage and Disposal Facility;

Ⓢ 'dealer' means any individual or firm that buys or receives electrical and electronic equipment as listed in Schedule I of these rules and their components or consumables or parts or spares from producers for sale;

Ⓢ „deposit refund scheme” means a scheme whereby the producer charges an additional amount as a deposit at the time of sale of the electrical and electronic equipment and returns it to the consumer along with interest when the end-of-life electrical and electronic equipment is returned;

Ⓢ 'dismantler' means any person or organisation engaged in dismantling of used electrical and electronic equipment into their components and having facilities as per the guidelines of Central Pollution Control Board and having authorisation from concerned State Pollution Control Board;

Ⓢ 'disposal' means any operation which does not lead to recycling, recovery or reuse and includes physico-chemical or biological treatment, incineration and deposition in secured landfill;

Ⓢ „end-of-life” of the product means the time when the product is intended to be discarded by the user;

Ⓢ 'environmentally sound management of e-waste' means taking all steps required to ensure that e-waste is managed in a manner which shall protect health and environment against any adverse effects, which may result from such e-waste;

Ⓢ 'electrical and electronic equipment' means equipment which are dependent on electric current or electro-magnetic field in order to become functional;

Ⓢ “e-retailer” means an individual or company or business entity that uses an electronic network such as internet, telephone, to sell its goods;

Ⓢ 'e-waste' means electrical and electronic equipment, whole or in part discarded as waste by the consumer or bulk consumer as well as rejects from manufacturing, refurbishment and repair processes;

Ⓢ “e-waste exchange” means an independent market instrument offering assistance or independent electronic systems offering services for sale and purchase of e-waste generated from end-of-life electrical and electronic equipment between agencies or organisations authorised under these rules;

Ⓢ “Extended Producer Responsibility” means responsibility of any producer of electrical or electronic equipment, for channelisation of e-waste to ensure environmentally sound management of such waste. Extended Producer Responsibility may comprise of implementing take back system or setting up of collection centres or both and having agreed arrangements with authorised dismantler or recycler either individually or collectively through a Producer Responsibility Organisation recognized by producer or producers in their Extended Producer Responsibility-Authorisation;

Ⓢ “Extended Producer Responsibility - Authorisation” means a permission given by Central Pollution Control Board to a producer, for managing Extended Producer Responsibility with implementation plans and targets outlined in such authorisation including detail of Producer Responsibility Organisation and e-waste exchange, if applicable;

- (v) "Extended Producer Responsibility Plan" means a plan submitted by a producer to Central Pollution Control Board, at the time of applying for Extended Producer Responsibility - Authorisation in which a producer shall provide details of e-waste channelisation system for targeted collection including detail of Producer Responsibility Organisation and e-waste exchange, if applicable;
- (w) 'facility' means any location wherein the process incidental to the collection, reception, storage, segregation, refurbishing, dismantling, recycling, treatment and disposal of e-waste are carried out;
- (x) 'Form' means a form appended to these rules;
- (y) „historical e-waste" means e-waste generated from electrical and electronic equipment as specified in Schedule I, which was available on the date from which these rules come into force;
- (z) „manufacturer" means a person or an entity or a company as defined in the Companies Act, 2013 (18 of 2013) or a factory as defined in the Factories Act, 1948 (63 of 1948) or Small and Medium Enterprises as defined in Micro, Small and Medium Enterprises Development Act, 2006 (27 of 2006), which has facilities for manufacture of electrical and electronic equipment;
- (a) "orphaned products" means non-branded or assembled electrical and electronic equipment as specified in Schedule I or those produced by a company, which has closed its operations;
- (b) "part" means an element of a sub-assembly or assembly not normally useful by itself, and not amenable to further disassembly for maintenance purposes. A part may be a component, spare or an accessory;
- (c) "producer" means any person who, irrespective of the selling technique used such as dealer, retailer, e-retailer, etc.;
- manufactures and offers to sell electrical and electronic equipment and their components or consumables or parts or spares under its own brand or
- offers to sell under its own brand, assembled electrical and electronic equipment and their components or consumables or parts or spares produced by other manufacturers or suppliers; or
- offers to sell imported electrical and electronic equipment and their components or consumables or parts or spares;
- (d) "Producer Responsibility Organisation" means a professional organisation authorised or financed collectively or individually by producers, which can take the responsibility for collection and channelisation of e-waste generated from the „end-of-life" of their products to ensure environmentally sound management of such e-waste;
- (e) "recycler" - means any person who is engaged in recycling and reprocessing of waste electrical and electronic equipment or assemblies or their components and having facilities as elaborated in the guidelines of Central Pollution Control Board;
- (f) 'refurbishment' means repairing of used electrical and electronic equipment as listed in Schedule I for extending its working life for its originally intended use and selling the same in the market or returning to owner;
- (g) 'refurbisher' for the purpose of these rules, means any company or undertaking registered under the Factories Act, 1948 or the Companies Act,

	<p>1956 or both or district industries centre engaged in refurbishment of used electrical and electronic equipment;</p> <p>(h) 'Schedule' means the Schedule appended to these rules;</p> <p>(i) "spares" means a part or a sub-assembly or assembly for substitution which is ready to replace an identical or similar part or sub-assembly or assembly including a component or an accessory;</p> <p>(j) 'State Government in relation to an Union territory means, the Administrator thereof appointed under article 239 of the Constitution;</p> <p>(k) 'State Pollution Control Board' means the concerned State Pollution Control Board or the Pollution Control Committee of the Union Territories constituted under sub-section (1) of section 4 of the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974);</p> <p>(l) "target" means the quantity of e-waste to be collected by the producer in fulfilment of Extended Producer Responsibility;</p> <p>(m) "transporter" means a person or company or entity engaged in the off-site transportation of e-waste by air, rail, road or water carrying a manifest system issued by the person or company or entity who has handed over the e-waste to the transporter, giving the origin, destination and quantity of the e-waste being transported;</p>
Rule 4	<p><b>Responsibilities of the manufacturer.</b> –</p> <p>(1) collect e-waste generated during the manufacture of any electrical and electronic equipment and channelise it for recycling or disposal;</p> <p>(2) apply for an authorisation in Form 1 (a) in accordance with the procedure prescribed under sub-rule (2) of rule 13 from the concerned State Pollution Control Board, which shall give the authorisation in accordance with Form 1 (bb);</p> <p>(3) ensure that no damage is caused to the environment during storage and transportation of e-waste;</p> <p>(4) maintain records of the e-waste generated, handled and disposed in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board;</p> <p>(5) file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates</p>
Rule 5	Responsibilities of the producer
Rule 6	Responsibilities of collection centres
Rule 7	Responsibilities of dealers
Rule 8	Responsibilities of the refurbisher
Rule 9	Responsibilities of consumer or bulk consumer
Rule 10	Responsibilities of the dismantler
Rule 11	Responsibilities of the recycler
Rule 12	Responsibilities of State Government for environmentally sound management of E-waste
Rule 13	<p>Procedure for Seeking and Grant of Authorisation</p> <p>(1) Extended Producer Responsibility - Authorisation of Producers</p> <p>(2) Authorisation of Manufacturer</p> <p>(3) Procedure for grant of authorisation to dismantler or recycler</p> <p>(4) Procedure for grant of authorisation to refurbisher</p>
Rule 14	Power to suspend or cancel an authorisation
Rule 15	Procedure for storage of e-waste

Rule 16	Reduction in the use of hazardous substances in the manufacture of electrical and electronic equipment and their components or consumables or parts or spares
Rule 17	Duties of authorities
Rule 18	Annual Report.
Rule 19	Transportation of e-waste
Rule 20	Accident reporting
Rule 21	Liability of manufacturer, producer, importer, transporter, refurbisher, dismantler and recycler
Rule 22	Appeal
Schedule-I	Categories of electrical and electronic equipment including their components, consumables, parts and spares covered under the rules
Schedule -II	Applications, which are exempted from the requirements of sub-rule (1) of rule 16
Schedule-III	Targets for Extended Producer Responsibility - Authorisation
Schedule-IV	LIST OF AUTHORITIES AND CORRESPONDING DUTIES
Form -1	Applicable to producers seeking Extended Producer Responsibility - Authorisation
Form -1(a)	Application for obtaining authorisation for generation or storage or treatment or disposal of e-waste by manufacturer or refurbisher
Form -1(aa)	Format of extended producer responsibility - authorisation
Form -1(bb)	Format for granting authorisation for generation or storage or treatment or refurbishing or disposal of e-waste by manufacturer or refurbisher
Form -2	Form for maintaining records of e-waste handled or generated
Form -3	Form for filing annual returns
Form -4	Application form for authorisation of facilities possessing environmentally sound management practice for dismantling or recycling of e-waste
Form -5	Form for annual report to be submitted by the state pollution control board to the central pollution control board
Form -6	E-waste manifest
Form -7	Application for filing appeal against the order passed by central pollution control board/state pollution control board

## **Construction and Demolition Waste Management Rules, 2016**

**Application:** The rules shall apply to everyone who generates construction and demolition waste such as building materials, debris, rubble waste resulting from construction, re-modeling, repair and demolition of any civil structure of individual or organisation or authority.

**Responsibility of Waste Generators:** Every waste generator shall be responsible for collection, segregation of concrete, soil and others and storage of construction and demolition waste generated separately, deposit at collection centre so made by the local body or handover it to the authorised processing facilities, ensure that there is no littering or deposition so as to prevent obstruction to the traffic or the public or drains. Waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month shall submit waste management plan and get appropriate approvals from the local authority before starting construction or demolition or remodelling work, segregate the waste into four streams such as concrete, soil, steel, wood and plastics, bricks and mortar, keep the concerned authorities informed regarding the relevant activities from the planning stage to the implementation stage and this should be on project to project basis. Waste generators shall pay relevant charges for collection, transportation, processing and disposal as notified by the concerned authorities;

**Responsibility of service providers:** The service providers shall prepare within six months from the date of notification of these rules, a comprehensive waste management plan covering segregation, storage, collection, reuse, recycling, transportation and disposal of construction and demolition waste generated within their jurisdiction, The service providers shall remove all construction and demolition waste in consultation with the concerned local authority on their own or through any agency.

**Responsibility of Local Authority:** Local Authority shall be responsible for proper management of construction and demolition waste within its jurisdiction including placing appropriate containers for collection of waste, removal at regular intervals, transportation to appropriate sites for processing and disposal. LA shall seek detailed plan or undertaking as applicable, from generator of construction and demolition waste and sanction the waste management plan; seek assistance from concerned authorities for safe disposal of construction and demolition waste contaminated with industrial hazardous or toxic material or nuclear waste if any; LA shall give appropriate incentives to generator for salvaging, processing and or recycling preferably in-situ; LA shall establish a data base and update once in a year, device appropriate measures in consultation with expert institutions for management of construction and demolition waste generated including processing facility and for using the recycled products in the best possible manner

**Processing and recycling facility for C & D waste:** The operator of the facility shall apply in Form-I for authorization from State Pollution Control Board or Pollution Control Committee. The processing/recycling site shall be away from habitation clusters, forest areas, water bodies, monuments, National Parks, Wetlands and places of important cultural, historical or religious interest. A buffer zone of no development shall be maintained around solid waste processing and disposal facility, exceeding five Tones per day of installed capacity.

**Duties of State Government or Union Territory Administration:** The Secretary in-charge of development in the State Government or Union territory administration shall prepare their policy with respect to management of construction and demolition of waste within one year from date of final notification of these rules. The concerned department in the State Government dealing with land shall be responsible for providing suitable sites for setting up of the storage, processing and recycling facilities for construction and demolition waste. The Town and Country planning Department shall incorporate the site in the approved land use plan so that there is no disturbance to the processing facility on a long term basis. Procurement of materials made from construction

and demolition waste shall be made mandatory to a certain percentage (say 10-20%) in municipal and Government contracts subject to strict quality control.

**Duties of the SPCB/PCC:** State Pollution Control Board or Pollution Control Committee shall grant authorization to construction and demolition waste processing facility and monitor the implementation of these rules by the concerned local bodies and the competent authorities and the annual report shall be sent to the Central Pollution Control Board and the State Government or Union Territory or any other State level nodal agency identified by the State Government or Union Territory administration for generating State level comprehensive data.

## Chapter -3 (Manual-2)

### Powers and duties of its Officers and Employees

#### Powers and duties of the Chairman:-

- (1) The Chairman shall have control over the functions of the Board.
- (2) Subject to the general financial rules and service rules of the Government shall have power in respect of the following matters, to the extent such power is not conferred on the Member Secretary namely:-
  - a) Initiation of confidential reports of the Member Secretary
  - b) Awarding of punishment on any employees for whom he is the appointing authority.
- (3) The Chairman shall be competent to accord administrative sanction for all estimates relating to schemes which are not likely to cost more than rupees ten lakhs.
- (4) The Chairman shall have power to accept tenders exceeding rupees five lakhs but not exceeding rupees ten lakhs.
- (5) The Chairman may exercise such other powers as may be delegated to him, from time to time, by the Board.
- (6) The Chairman may undertake tours within India for carrying out the work of the Board or whenever occasioned in the interest of the work of the Board, Provided that he shall keep the Government and the Board informed of his tours outside the State of Tamilnadu

#### The powers of Member Secretary

Subject to the overall control of the Chairman, the Member-secretary shall exercise the following powers, namely:-

- (1) The Member Secretary shall be Chief Executive Officer of the Board and shall be responsible for the day-to-day and orderly functioning of the offices of the Board and he shall have all powers necessary there for.
- (2) The Member Secretary shall make all arrangements for holding meetings of the Board and its committees.
- (3) All orders and instructions of the Board shall be over the signature of the Member – Secretary or any other Officer duly authorized by him in that behalf.
- (4) The Member Secretary shall be the custodian of all movable properties and assets of the Board and shall be responsible for the proper upkeep and maintenance of all of them including vehicles, furniture, fittings and laboratory equipments. He shall also cause to duly maintain all registers, documents and records relating to all such properties and assets.
- (5) Subject to the general financial rules and services rules of the Government the Member Secretary shall have power in respect of the following matters, namely:-
  - a. Transfer and posting of all employees subordinate to him.
  - b. Sanction of increments, leave including salary in lieu of leave surrendered, travelling allowance, medical expenses and loans and advances to all employees subordinate to him.
  - c. Initiation of disciplinary proceedings against any employee subordinate to him.
  - d. Awarding of any punishment on any employee for whom he is the appointing authority.
  - e. Sanction of contingent expenditure.
- (6) The Member Secretary shall be competent to settle all bills relating to sanctioned



schemes for which there is a provision in the budget. Provided that any non-recurring expenditure in excess of rupees three lakh shall be incurred only with the prior approval of the Chairman.

- (7) The Member-Secretary shall be competent to accord technical sanction for all estimates.
- (8) The Member Secretary shall have power to accept tenders not exceeding rupees five lakhs.
- (9) The Member-Secretary may exercise such other power as may be delegated to him, from time to time, by the Board.
- (10) With the approval of the Board, the Member Secretary may delegate any of his powers to any officer subordinate to him and may specify the conditions and limitations subject to him which such delegated powers may be exercised:  
Provided that powers relating to appointment of employees, awarding of punishments, according technical sanction for any estimate relating to any scheme likely to cost more than rupees twenty-five thousand and sanction of bills of non-recurring expenditure exceeding rupees five thousands shall not be delegated.
- (11) The Member Secretary may undertake tours within India for carrying out the work of the Board or whenever occasioned in the interest of the work of the Board:  
Provided that he shall keep the Chairman, Board and the Government informed of his tours outside the State of Tamil nadu

### **Chapter- 4 (Manual-3)**

#### **Rules, regulations, instructions, manuals and records used by its employees for discharging its functions:**

##### **Acts**

The various environmental legislations pertaining to TNPCB are as follows:

5. The Water (Prevention and Control of Pollution) Act, 1974
6. The Tamilnadu Water (Prevention and Control of Pollution) Rules, 1983
7. The Water (Prevention and Control of Pollution) Cess Act, 1977
8. The Water (Prevention and Control of Pollution) Cess Rules, 1978
9. The Air (Prevention and Control of Pollution) Act, 1981
10. The Tamilnadu Air (Prevention and Control of Pollution) Rules, 1983
11. The Environment (Protection) Act, 1986
12. The Environment (Protection) Rules, 1986
13. Manufacture, Storage and Import of Hazardous Chemical Rules, 1989
14. Fly Ash Utilization Notification 1999
15. The Batteries (Management and Handling) Rules, 2001
16. The Environment Impact Assessment Notification, 2006
17. The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016
18. The Bio-Medical Waste Management Rules, 2016
19. The Solid Waste Management Rules, 2016
20. The Plastic Waste Management Rules, 2016
21. The E-Waste Management Rules, 2016
22. The Construction and Demolition Waste Management Rules, 2016

#### **Publications of Tamilnadu Pollution Control Board followed by their employees for discharge of their duty:**

1. Pollution Control Legislation Volume I & II [having Acts and rules followed by their employees for discharging their duty] - Cost Rs. 250/-
2. Tamilnadu Pollution Control Board manual of "TNPCB and You" - Cost Rs. 200/-.
3. All Important Government Orders, Board Proceedings, Guidelines, Circulars are
4. uploading TNPCB periodically. Web site. [www.tnpcb.gov.in](http://www.tnpcb.gov.in)

Hard Copy of TNPCB publications can be obtained from Tamilnadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai- 600 032; Telephone Nos: 22353134 to 22353139 & 22353141; Fax No- 22353068; E-mail: [tnpcb-chn@gov.in](mailto:tnpcb-chn@gov.in)

## **Chapter- 5 (Manual-4)**

### **Particulars of any arrangement that exists for consultation with, or representation by the members of the public in relation to the formation of its policy or implementation thereof:**

The Board represents members from various Government Departments, and non-official members to represent the interest of agriculture, fishery, or industry or trade or any other interest. They participate in the policy making process of the Board. Complaints / petitions received from the public are investigated and redressed at various levels of the Board.

## Chapter- 6 (Manual-5)

### **A statement of the categories of documents that are held by it or under its control:**

The Acts & Rules enacted by the Central Government and the State Government and the proceedings issued by the Board are available with the Board. These documents are accessible to the public through the Public Information Officer, Assistant Information Officer and Appellate Authority designated by the Board at the Head Office and District Offices. Further particulars relating to issue of Consent to Establish, Consent to operate, Renewal consent and authorization to the respective industrial units can be obtained from the TNPCB. The consent orders can be downloaded from TNPCB web site. Further Ambient Air Quality Monitoring data for 28 stations monitored in major Cities / Towns under the National Air Quality Monitoring Programme and Water Quality Monitoring data of rivers and lakes at 55 locations under the Global Environmental Monitoring System (GEMS) and Monitoring of Indian National Aquatic Resources (MINARS) programme are available with the Board. The data that can be shared under the RTI Act, 2005 are available to the public. The data is published in the TNPCB official web site. [www.tnpcb.gov.in](http://www.tnpcb.gov.in)

## Chapter- 7 (Manual-6)

A statement of the Boards, Councils, Committees and other bodies constituted as its part

**List of Board Members**

<b>Sl. No.</b>	<b>OFFICIAL MEMBERS</b>	<b>TELEPHONE NO.</b>
1	<b>Dr.Jayanthi.M, I.F.S.,</b> Chairperson, Tamilnadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai - 600 032.	<b>2235 3076</b>
2	<b>Tmt. Supriya sahu, I.A.S.,</b> Additional Chief Secretary to Government, Environment and Forests Department, Secretariat, Fort St. George, Chennai – 600 009.	<b>2567 1511 (Off.)</b> <b>2567 0560 (Fax)</b>
3	<b>Thiru.Arun Sundar Thayalan, I.A.S.,</b> Special Secretary to Government Finance Department Secretariat, Fort St. George, Chennai – 600 009.	<b>2567 1157</b>
4	<b>Thiru.G.Jagathesan, M.E.,</b> Director,(FAC)  Directorate of Industrial Safety and Health, T.S No.47/1, SIDCO Industrial Estate, Guindy, Chennai-32	<b>044-22502103 (Off)</b> <b>044-22502104</b>
5	<b>Thiru. E.Saravanelraj, I.A.S.,</b> Secretary to Government Commissioner of Town and Country Planning, A/c., Chengalvarayan Building, IV Floor, 807, Anna Salai, Chennai – 600 002.	<b>2852 1495</b>
6	<b>Dr.T.S.Selvavinayagam, M.D., DPH, DNB.,</b> Director of Public Health and Preventive Medicine, Chennai – 600 006.	<b>2432 0802</b> <b>2433 5075</b>
7	<b>Thiru.R.Kannan, M/Tech.,</b> Member Secretary , Convenor Tamilnadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai – 600 032.	<b>2235 3145 (Off)</b>

8	<b>Tmt.Pooja Kulkarni, I.A.S.,</b> Special Secretary Industries Department/Executive Vice Chairperson, Investment Promotion Tamil Nadu Industrial Guidance and Export Promotion Bureau, 19-A, Rukmani Lakshmipathy Salai, Egmore, Chennai – 600 008	<b>28553118</b>
9	<b>Tmt.H.Prabhavathy,B.E</b> CFO/General Manager(P&D), SIPCOT, 19-A, Marshall Road, Egmore, Chennai – 600 008	<b>2855 4624,</b> <b>2855 4400 (Off)</b>
10	<b>Thiru. K. Dakshinamoorthy,</b> S/o. Kaliappa Gounder, 1/23, Chinnapuliyar, Ezhavamalai Post., Bhavani Taluk, Erode – 638 316	
11	<b>Thiru A. Alagarasan, B.Sc.,</b> S/o. M. Arthanari, 78, Sabapathi Street, Kalarampati, Erumapalayam Post, Salem 636 115	
12	<b>Thiru N. Tamilmani, B.A.,</b> S/o. Late Natesan, 4/23, Ammapalayam, S. Attiyampatti Post, Mallur Via, Salem 636 203	

## Chapter-8 (Manual-7)

### The names, designations and other particulars of the Public Information Officers:

Name & Designation under the Act	Phone Number & Fax e-mail	Official Address
<b>Dr.S.Selvan.</b> <b>M.E,M.B.A,Ph.D.,</b> Chief Environmental Engineer/Appellate Authority	Office: 044-22353146, 22353143 Mail: rtisec@tnpcb.gov.in	76, Mount Salai, Guindy, Chennai-600 032
<b>Tmt. R.Sarasavani, M.Tech, M.B.A.,</b> Joint Chief Environmental Engineers/Public Information Officer	Office: 044- 22200790, 22353143 Mail: rtisec@tnpcb.gov.in	76, Mount Salai, Guindy, Chennai-600 032

### Annexure - II

#### RIGHT TO INFORMATION

**The Officers as notified below are appointed for the purpose of carrying out the provisions of the Right to Information Act, 2005**

#### DISTRICT ENVIRONMENTAL ENGINEERS OFFICES

Sl. No	District Office	Postal Address	Jurisdiction
1	Ambattur (Thiruvallur Dt)	District Environmental Engineer, Tamil Nadu Pollution Control Board, 1 <sup>st</sup> Floor, 77-A, South Avenue Road, Ambattur Industrial Estate, Chennai - 600 058, Thiruvallur District Phone: 044 26880130 E Mail: deeamb@tnpcb.gov.in	Ambattur Taluk Madavaram Taluk Tiruvottiyur Taluk Maduravoyal Taluk
2	Ariyalur	District Environmental Engineer, Tamil Nadu Pollution Control Board SF.No.4/326 Trichy main road, keelapalur village, Ariyalur Taluk, Ariyalur District. Phone No.04329- 221555 Email: deeary@tnpcb.gov.in	Ariyalur District Perambalur District

3	Chennai	District Environmental Engineer, Tamil Nadu Pollution Control Board, FirstFloor,950/1,Poonamallee HighRoad, Arumbakkam, Chennai-600106 Phone 044 23632603 Email: deechn@tnpcb.gov.in	Chennai District
4	Coimbatore (North) [Coimbatore Dt]	District Environmental Engineer, Tamil Nadu Pollution Control Board, No. 5, Ramasamy Nagar, Near Fire Service Station, Kavundampalayam Coimbatore - 641 030. Phone : 0422 – 2444608, 2433826 Email: deecbn@tnpcb.gov.in	Coimbatore North Taluk Mettupalayam TalukAnnur Taluk
5	Coimbatore (South) [Coimbatore Dt.]	District Environmental Engineer, Tamil Nadu Pollution Control Board, PlotNo.E-55A,SIDCOIndustrial Estate, Pollachi Main Road, Kurchi, Coimbatore-641 021. Phone : 0422 - 2675608 Email: deecbs@tnpcb.gov.in	Coimbatore South Taluk, Sulur Taluk, Pollachi Taluk, Valparai Taluk Kinathukadavu Taluk Madukkarai Taluk Perur Taluk
6	Cuddalore	District Environmental Engineer, Tamil Nadu PollutionControlBoard Plot No. A-3, SIPCOT Industrial Complex, Kudikadu, Cuddalore -607005. Phone : 04142 - 239867 Email: deecud@tnpcb.gov.in	Cuddalore District
7	Dindigul	District Environmental Engineer, Tamil Nadu Pollution Control Board, Collectorate complex, Dindigul -624 004 Phone : 0451 2461868 Email: deedgl@tnpcb.gov.in	Dindigul District
8	Erode	District Environmental Engineer, Tamil Nadu Pollution Control Board CMP Plot, SIDCO Industrial Estate Chennimalai Road Erode- 638001 Phone: 0424 2271596 & 0424 2272596 Email: deeerd@tnpcb.gov.in	Erode Taluk Kodumudi Taluk Modakurichi Taluk
9	Hosur (Krishnagiri Dt)	District Environmental Engineer Tamil Nadu Pollution Control Board, Plot No:140A, SIPCOT Industrial Complex, Hosur -635126 Phone : 04344 - 278922 Email: deehsr@tnpcb.gov.in	Krishnagiri District



10	Maraimalai Nagar (Kancheepuram Dt)	District Environmental Engineer Tamil Nadu Pollution Control Board, Maraimalai Adigalar Street, Next to Municipal Office, Maraimalai Nagar, Chennai-603209, Kancheepuram District. Phone : 044 - 27454422 Email: deemmn@tnpcb.gov.in	Tambaram Taluk Alandur Taluk Sholinganallur Taluk Chengalpattu Taluk Cheyyur Taluk Thirukalukundram Tk Tirupporur Taluk Pallavaram Taluk Vembakkam Taluk
11	Karur	District Environmental Engineer Tamil Nadu Pollution Control Board No 26, Ramakrishnapuram West, Karur - 639 001. Phone : 04324 - 230522 Email : deekar@tnpcb.gov.in	Karur District
12	Madurai	District Environmental Engineer Tamil Nadu Pollution Control Board, SIDCO Industrial Estate, Kappalur, Thirumangalam Taluk, Madurai - 625 008. Phone : 0452 – 2489738 Email: deemdu@tnpcb.gov.in	Madurai District
13	Nagapattinam	District Environmental Engineer, Tamil Nadu Pollution Control Board, District Collectorate, Master plan complex, Nagapattinam-611 001 Phone : 04365 - 221832 Email: deenpm@tnpcb.gov.in	Nagapattinam District Thiruvavarur District
14	Nagercoil	District Environmental Engineer, Tamil Nadu Pollution Control Board, 318/46A, Water Tank Road, Nagercoil - 629 001. Phone : 04652-229442 Email: deengl@tnpcb.gov.in	Kanyakumari District
15	Namakkal	District Environmental Engineer, Tamil Nadu Pollution Control Board, Collectorate Campus, Near Tamil Nadu Civil Supply Corporation, Namakkal – 637003. Phone : 04286 - 280722 Email: deenml@tnpcb.gov.in	Namakkal Taluk, Rasipuram Taluk, Paramathivelur Taluk, Sendamangalam Taluk, Kollimalai Taluk
16	Perundurai (Erode Dt)	District Environmental Engineer, Tamil Nadu Pollution Control Board, Plot No. J-2 (W), SIPCOT Complex Kovai Main Road, Near SIPCOT Arch, Olappalayam Post Perundurai- 638052 Phone : 04294 – 234288 Email: deepnd@tnpcb.gov.in	Perundurai Taluk Gobichettipalayam Tk Bhavani Taluk Sathyamangalam Tk Anthiyur Taluk Thalavadi Taluk

17	Pudukkottai	District Environmental Engineer, Tamil Nadu Pollution Control Board, SIPCOT Industrial Complex, Thiruvengaiwasal, Pudukkotatai – 622 002. Phone : 04322 - 244688 Email: deepdk@tnpcb.gov.in	Pudukkottai District
18	Salem	District Environmental Engineer, TamilNadu Pollution Control Board, II Floor, Siva Tower, Post Box No. 457, No 1/276, Meyyanur Main Road Salem - 636 004. Phone : 0427 - 2448526 Email: deeslm@tnpcb.gov.in	Salem Taluk, Salem South Taluk, Salem West Taluk, Attur Taluk, Gangavalli Taluk, Kadayampatti Taluk, Mettur Taluk, Omalur Taluk, Pethanaickenplayam Taluk, Vazhapadi Taluk Yercadu Taluk.
19	Sivagangai	District Environmental Engineer, Tamil Nadu Pollution Control Board, Collectorate Complex, Sivagangai - 630561. Phone: 04575-243903 Email : deesvg@tnpcb.gov.in	Sivagangai District
20	Sriperumpudur [Kancheepuram Dt]	District Environmental Engineer, Tamil Nadu Pollution Control Board, Plot No.CP-5B, SIPCOT Industrial, Growth Centre Vandalur, Wallajahbad Road, Oragadam, Sriperumpudur Taluk, Kanchipuram Dis-602105 Phone : 9884800236 Email: deespr@tnpcb.gov.in	Sriperumbudur Taluk Kancheepuram Taluk Maduranthagam Taluk Uthiramerur Taluk Walajabad Taluk
21	Thanjavur	District Environmental Engineer, Tamil Nadu Pollution Control Board, Plot No.23, T.S. No.3303/1, SIDCO Industrial Complex, Nanchikottai Salai, Opp. to Ulavar santhai, Thanjavur - 613 006. Phone : 04362 - 256558 Email: deetnj@tnpcb.gov.in	Thanjavur District
22	Thiruchirapalli	District Environmental Engineer Tamil Nadu Pollution Control Board, No.25, Developed Plots, Thuvakudy, Trichy - 620 015 Phone : 0431 - 2501558 Email: deetry@tnpcb.gov.in	Thiruchirapalli District
23	Thiruvallur (Thiruvallur Dt)	District Environmental Engineer, Tamil Nadu Pollution Control Board, Master plan complex, Adjacent to sub Treasury Near Tollgate, Tiruvallur-602001 Phone 044 27664425 Email: deetlr@tnpcb.gov.in	Tiruvallur Taluk Tirutthani Taluk Pallipattu Taluk Poonamalli Taluk Uthukottai Taluk Avadi Taluk

24	Thiruvannamalai	District Environmental Engineer Tamil Nadu Pollution Control Board, Collectorate Master Plan Complex, Venkikal, Thiruvannamalai District -606 604. Phone : 04175-233118 Email: deetvm@tnpcb.gov.in	Thiruvannamalai District
25	Thoothukudi	District Environmental Engineer, Tamil Nadu Pollution Control Board, C7 & C9, SIPCOT Industrial Complex, Meelavittan, Thoothukudi – 628 008. Phone : 0461 -2341298 Email: deettn@tnpcb.gov.in	Thoothukudi District
26	Tirunelveli	District Environmental Engineer, Tamil Nadu Pollution Control Board, 30/2 SIDCO Industrial Estate, Pettai, Tirunelveli - 627010. Phone : 0462 - 2342931 Email: deetnv@tnpcb.gov.in	Tirunelveli District
27	Tiruppur (North)	District Environmental Engineer, Tamil Nadu Pollution Control Board, II Floor, Kumaran Complex, Kumaran Road, Tiruppur - 641 601. Phone : 0421 - 2236210 Email: deetpn@tnpcb.gov.in	Tiruppur (North) Tk Tiruppur (South) Tk Avinashi Taluk Kangayam Taluk Uthukuli Taluk
28	Tiruppur (South)	District Environmental Engineer, Tamil Nadu Pollution Control Board, 12A, Pollachi Bypass Road, Palladam Post Tiruppur District Pin: 641 664, Phone : 04255 252225 Email: deetps@tnpcb.gov.in	Palladam Taluk Udumalpet Taluk Madathukulam Taluk Dharapuram Taluk
29	Vaniyambadi (Vellore Dt)	District Environmental Engineer, Tamil Nadu Pollution Control Board, 392, Plot no. PP2, SIDCO Industrial Estate, Vaniyambadi - 635 751 Phone : 04174 - 224831 Email: deevbd@tnpcb.gov.in	Ambur Taluk, Natrampalli Taluk, Anaicut Taluk, Vaniyambadi Taluk Gudiyatham Taluk Tirupattur Taluk Peranampet Taluk
30	Vellore	District Environmental Engineer, Tamil Nadu Pollution Control Board, Auxilium College Road, (Opposite to Auxilium College) Gandhi Nagar, Vellore - 632 006 Phone : 0416 - 2242700 Email: deevlr@tnpcb.gov.in	Arcot Taluk Arakonam Taluk Katpadi Taluk, Vellore Taluk, Walajah Taluk Nemili Taluk

31	Villupuram	District Environmental Engineer, Tamil Nadu Pollution Control Board, District Collector Master Plan Complex, Back side of Taluk office, Villupuram-605 602. Phone : 04146 - 228955 Email: deevpm@tnpcb.gov.in	Villupuram District
32	Virudhunagar	District Environmental Engineer, Tamil Nadu Pollution Control Board, No.23, Master Plan Area, Sathur Road, Collectorate, Virudhunagar - 626 002. Phone : 04562 - 242442 Email: deevdr@tnpcb.gov.in	Virudhunagar District
33	Ramanathapuram	District Environmental Engineer, Tamil Nadu Pollution Control Board, D.No.1-1984, Jothi Nagar Collectorate Post, Sakkarakottai Village, Ramanathapuram. Phone: Email: deermd@tnpcb.gov.in	Ramanathapuram District
34	Dharmapuri	District Environmental Engineer, Tamil Nadu Pollution Control Board, SF.No.415/1, Adhiyaman kottai - Hosur Bypass road, A.Reddihalli village, Dharmapuri Taluk ,Dharmapuri District - 636 809. Phone: 04342- 270005 Emll: deedmp@tnpcb.gov.in	Dharmapuri District
35	Theni	District Environmental Engineer, Tamil Nadu Pollution Control Board, SAR Complex, Door No.15/4,12A/3, Behind National Theater, Theni - 625531. Phone: 0456-264426 Email : deeten@tnpcb.gov.in	Theni District
36	Udhagamandalam	District Environmental Engineer, Tamil Nadu Pollution Control Board, Additional Collectorate Building, Block-II Finger Post, The Nilgiris-643005 Phone: 0423-2443109 Email : deenlg@tnpcb.gov.in	Nilgiris District
37	Gummidipoondi (Thiruvallur Dt)	District Environmental Engineer, Tamil Nadu Pollution Control Board 88A, First Cross Road, SIPCOT Industrial Complex, Gummidipoondi - 601201. Phone: 044-27922465 Email: deegmp@tnpcb.gov.in	Pooneri Taluk Gummidipoondi Taluk

38	Kumarapalayam (Namakkal and Salem District part)	District Environmental Engineer, Tamil Nadu Pollution Control Board No. 298/A, Salem Main Road, Thiruvalluvar Nagar, Kumarapalayam Namakkal District – 638183 Phone: Email: <a href="mailto:deekmp@tnpcb.gov.in">deekmp@tnpcb.gov.in</a>	Sangagiri Taluk, Edappadi Taluk Kumarapalayam Taluk Tiruchengodu Taluk
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**Chapter- 9 (Manual-8)****Technical Wing:**

Under section 9 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 11 of the Air (Prevention and Control of Pollution) Act, 1981, the Board has constituted various committees at Head Office/Zonal Office/District office for efficient and effective implementation of Acts and Rules. The following committees were constituted for grant of consent, authorization, registration as per the Acts and Rules.

1. Technical Sub-Committee
2. Consent Clearance Committee
3. Zonal Level Consent Clearance Committee(ZLCCC)
4. District Level Consent Clearance Committee(DLCCC)

Power Delegated in B.P. No. 63 dated 28.11.2017

**POWER DELEGATION FOR THE ISSUE OF CONSENT ORDERS, RENEWAL OF CONSENT ORDERS**

Sl. No.	Particulars	17- Category	Red- Large	Red - Medium	Red - Small/	Orange -Large	Orange - Medium	Green- Large	Orange - small & All Green
1.	Consent to Establish & Expansion	TSC	CCC	CCC	ZLCCC	ZLCCC	ZLCCC	ZLCCC	DLCCC
1A	Consent to Establish - <b>Extension</b>	CCC	CCC	CCC	ZLCCC	ZLCCC	ZLCCC	ZLCCC	DLCCC
2.	Consent to Operate & Expansion	TSC	CCC	CCC	ZLCCC	ZLCCC	ZLCCC	ZLCCC	DLCCC
3.	EIA& CRZ attracted Projects CTE & Expansion	TSC	TSC	CCC	CCC	CCC	CCC	CCC	CCC
3A	EIA & CRZ attracted Projects <b>CTE- Extension</b>	CCC	CCC	CCC	CCC	CCC	CCC	CCC	CCC
4.	EIA& CRZ attracted Projects CTO & Expansion	TSC	CCC	CCC	CCC	CCC	CCC	CCC	CCC
5.	CRZ alone attracting Projects CTE & Expansion	TSC	TSC	CCC	ZLCCC	ZLCCC	ZLCCC	ZLCCC	DLCCC
5A	CRZ alone attracting Projects <b>CTE- Extension.</b>	CCC	CCC	CCC	ZLCCC	ZLCCC	ZLCCC	ZLCCC	DLCCC
6.	CRZ alone attracting Projects CTO & Expansion	TSC	CCC	CCC	ZLCCC	ZLCCC	ZLCCC	ZLCCC	DLCCC
7.	Consent Renewal	Chairman	MS	M.S	DEE	DEE	DEE	DEE	DEE
8.	Fresh consent for Name change, Changes in stack for DG set, Merger of adjacent units without any changes in existing consent etc	MS	MS	M.S	ZLCCC	ZLCCC	ZLCCC	ZLCCC	DLCCC
9	For any expansion projects of highly polluting industries those are attracting the G.Os 213 & 127, the Issue of Consent will be considered by placing it in TSC in the case of RL, CCC in the case of RM, and ZLCCC in the case of RS followed by recommending the project in Board meeting for obtaining G.Os relaxation from Government. After getting the G.O relaxation, CTE will be issued by Chairman in the case of RL, MS in the case of RM and DEE in the case of RS.								

Note:

TSC	:	Technical Sub Committee
CCC	:	Consent Clearance Committee
ZLCCC	:	Zonal Level Consent Clearance Committee
DLCCC	:	District Level Consent Clearance Committee
MS	:	Member Secretary
JCEE (M)	:	Joint Chief Environmental Engineer (Monitoring)
DO	:	District Officer

**Annexure II (B.P. No. 63 Dt. 28.11.2017)****POWER DELEGATION FOR THE ISSUE OF AUTHORIZATION, PASS BOOK AND REGISTRATION**

S. No.	Particulars	Function	17 Category (Large & Medium scale only)	Red Large	Red Medium	Red Small	Orange Large & Medium	Orange Small & All Green
1	First Time & subsequent H&OW / BMW/ SW/E- Waste/C&D Waste Authorization & amendments.	Inspection Authority	JCEE(M)	DEE	DEE	Jurisdiction Engineer	Jurisdiction Engineer	Jurisdiction Engineer
		Approving Authority	M.S	M.S	MS	JCEE (M)	JCEE (M)	DEE
		Issuing Authority	Sector JCEE	Sector JCEE	Sector JCEE	JCEE(M)	JCEE(M)	DEE
2	Authorization & Pass Book for actual users [Under Rule 9 & Rule 13(2) - Part D Schedule 3 of H& OW Rules 2016]	Inspection Authority	JCEE(M)	DEE	DEE	Jurisdiction Engineer	Jurisdiction Engineer	Jurisdiction Engineer
		Approving Authority	M.S	M.S	MS	MS	MS	MS
		Issuing Authority	Sector JCEE	Sector JCEE	Sector JCEE	Sector JCEE	Sector JCEE	Sector JCEE
3	Authorization & Pass Book for list of commonly recyclable Hazardous Waste as per Schedule IV of H&OW Rules	Inspection Authority	JCEE(M)	DEE	DEE	Jurisdiction Engineer	Jurisdiction Engineer	Jurisdiction Engineer
		Approving Authority	M.S	M.S	MS	MS	MS	MS
		Issuing Authority	Sector JCEE	Sector JCEE	Sector JCEE	Sector JCEE	Sector JCEE	Sector JCEE
4	H&OW Rules One time Authorization of Traders for Import – All category	Inspection Authority	DEE	DEE	DEE	DEE	DEE	DEE
		Approving Authority	MS	MS	MS	MS	MS	MS
		Issuing Authority	Sector JCEE	Sector JCEE	Sector JCEE	Sector JCEE	Sector JCEE	Sector JCEE
5	Plastic Registration – All Category	Inspection Authority	Jurisdiction Engineer	Jurisdiction Engineer	Jurisdiction Engineer	Jurisdiction Engineer	Jurisdiction Engineer	Jurisdiction Engineer
		Approving Authority	DEE	DEE	DEE	DEE	DEE	DEE
		Issuing Authority	DEE	DEE	DEE	DEE	DEE	DEE

**Note:**

- 1). **Inspection Authority means** -the officer whose I.R. shall be considered for issue of Authorization, Registration etc.,
- 2). **Approving Authority means** – authority who takes decision on issue of Authorization, Registration
- 3). **Issuing Authority means** -authority issuing Authorization, Registration after getting necessary approval from Approving Authority



## CHAPTER - 10 (MANUAL-9)

### Directory of its senior officers

S.No	Officer Name	Designation	Office No
1	Thiru A.Udhayan I.F.S	Chairman	2235 3076
2	Thiru. R.Kannan	Member Secretary(i/c)	2235 3145
3	Dr. S. Selvan	CEE	2235 3147
4	Thiru.V.Anbazhagan	Financial Advisor	2235 3591
5	Dr.R.Rajamanikkam	Joint Chief Environmental Engineer	
6	Thiru. S.Ragupathi	Joint Chief Environmental Engineer	2235 3134
7	Tmt.J.Josephine Sahaya Rani	Joint Chief Environmental Engineer	
8	Thiru. V. Thiyagarajan	Deputy Director –Lab(Air)	2235 4153
9	ThiruR.Dhanasekaran	Deputy Director –Lab(Water)	2235 2647
10		Manager (P&A)	2235 3150

### Joint Chief Environmental Engineer (Monitoring)

S.No	Name of the JCEE	Zonal Office	Office No
1	Thiru. M.Malaiyandi	Chennai	044 - 26880219
2	Thiru. S.Rajan	Vellore	0416 - 2242120
3	Thiru. K.Nalini(a/c)	Coimbatore	0422 - 2677007
4	Thiru. R.Seralathan(a/c)	Trichy	0431 - 2502020
5	Tmt.K.Nalini	Salem	0427-2445526
6	Thiru. M. Vijayalakshmi	Tirunelveli	0462-2342931
7	Thiru. M. Vijayalakshmi(a/c)	Madurai	0452 - 2489739
8	Thiru.R.Seralathan	Cuddalore	

**OFFICE ADDRESS OF ADVANCED ENVIRONMENTAL LABORATORIES, DISTRICT ENVIRONMENTAL LABORATORIES**

**ADVANCED ENVIRONMENTAL LABORATORIES:**

<p><b>AEL – CHENNAI</b> The Assistant Director Annexe Building, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai – 600 032. 044 - 22352647 aelchn@tnpcb.gov.in</p>	<p><b>AEL – SALEM</b> The Assistant Director, Tamil Nadu Pollution Control Board, P.B.No.457, Siva Tower, 1/276, Meyyanur Main Road, Salem – 635 004. 0427 - 2448054 aelslm@tnpcb.gov.in</p>
<p><b>AEL – COIMBATORE</b> The Assistant Director, Advanced Environmental Laboratory, Tamil Nadu Pollution Control Board, 136-D Swamy Iyer New Street,Ganga Garden, Coimbatore – 641 001 aelcbe@tnpcb.gov.in</p>	<p><b>AEL – MADURAI</b> The Assistant Director, Tamil Nadu Pollution Control Board,Survey No.668 &amp; 669, SIDCO Industrial Estate, Kappalur, Thirumangalam Taluk, Madurai – 625 008. 0452 - 2489497 aelmdu@tnpcb.gov.in</p>
<p><b>AEL – CUDDALORE</b> The Assistant Director, Advanced Environmental Laboratory, Tamil Nadu Pollution Control Board, Plot No. A3, SIPCOT Industrial Complex, Kudikadu, Cuddalore – 607 005 Ph: 04142 233332 aelcud@tnpcb.gov.in</p>	<p><b>AEL – TIRUNELVELI</b> Deputy Chief Scientific Officer District Environmental Laboratory, Tamil Nadu Pollution Control Board, 30/2,SIDCO Industrial Estate, Pettai, Tirunelveli -627010. 0462-2342919, aeltnv@tnpcb.gov.in</p>
<p><b>AEL – TRICHY</b> The Assistant Director, District Environmental Laboratory, Tamil Nadu Pollution Control Board, 25, Developed Plot, Thuvakudi, Trichy - 620 015 0431-2501457, aeltry@tnpcb.gov.in</p>	<p><b>AEL – VELLORE</b> The Assistant Director, District Environmental Laboratory, Tamil Nadu Pollution Control Board, Auxilium Colleges Road, (Opposite to Auxilium College), Gandhi Nagar, Vellore - 632 006 0416-2247906, aelvlr@tnpcb.gov.in</p>

**DISTRICT ENVIRONMENTAL LABORATORIES:**

<p><b>AMBATTUR</b> Deputy Chief Scientific officer, District Environmental Laboratory, Tamil Nadu Pollution Control Board, 77 A, South avenue road, Ambattur Industrial Estate, Ambattur, Chennai-600 058. 044-26350560 delamb@tnpcb.gov.in</p>	<p><b>TIRUPPUR</b> Deputy Chief Scientific Officer, District Environmental Laboratory, Tamil Nadu Pollution Control Board, Kumaran Commercial Complex, IInd Floor, Kumaran Road, Tiruppur - 641 601. 0421-2244876, deltpr@tnpcb.gov.in</p>
<p><b>MARAIMALAI NAGAR</b> Chief Scientific Officer District Environmental Laboratory Tamil Nadu Pollution Control Board M.M Adigalar Street Near Maraimalai Nagar Municipality Kanchipuram Dist. Maraimalai Nagar-603 209 044-27454004, delmmn@tnpcb.gov.in</p>	<p><b>CHENNAI ARUMBAKKAM</b> Deputy Chief Scientific Officer District Environmental Laboratory, Tamil Nadu Pollution Control Board, 950/1 Poonamallee High Road, Arumbakkam, (O/o DEL Manali) Chennai - 600 106 044-26223522 , delary@tnpcb.gov.in</p>
<p><b>DINDIGUL</b> Deputy Chief Scientific Officer, District Environmental Laboratory, Tamil Nadu Pollution Control Board, Collector office Complex Dindigul - 624 004. 0451-2428591, deldgl@tnpcb.gov.in</p>	<p><b>THOOTHUKUDI</b> Deputy Chief Scientific Officer, District Environmental Laboratory, Tamil Nadu Pollution Control Board, C7 &amp; C9, SIPCOT Industrial Complex, Meelavittan, Thoothukudi – 628 008. deltn@tnpcb.gov.in</p>
<p><b>HOSUR</b> Deputy Chief Scientific Officer, District Environmental Laboratory, Tamil Nadu Pollution Control Board, 149-A, SIPCOT Complex, Near Dharga, Hosur - 635 126. 04344-278885, delhsr@tnpcb.gov.in</p>	<p><b>PERUNDURAI</b> Chief Scientific Officer, District Environmental Laboratory, Tamil Nadu Pollution Control Board, Plot No:J 2 (W), Near SIPCOT arch Kovai main road, Olappalayam-po, Perundurai-638 052. delpnd@tnpcb.gov.in</p>

**Chapter – 11 (Manual – 10)**

The monthly remuneration received by the Officers and employees in Corporate Office and AELChennai  
The Pay details of Corporate Office staff members as on 31.01.2022 are as follows

S - N o	Name	Designa tion	Basic Pay	DA	HRA	CCA	Other Allow	Gross Salary
1	A. Udhayan I.F.S	Chairman	224,100.00	60,507.00	1,200.00	69,471.00	13,000.00	368,278.00
2	R. Kannan	Member Secretary (I/C)	147,300.00	8,300.00	1,200.00	45,663.00	500.00	202,963.00
3	S. Selvan	CEE	189,600.00	8,300.00	1,200.00	58,776.00	500.00	258,376.00
4	R. Vijayabaskaran	ACEE	143,000.00	8,300.00	1,200.00	44,330.00	500.00	197,330.00
5	R. Sarasavani	JCEE	126,800.00	8,300.00	1,200.00	39,308.00	500.00	176,108.00
6	R. Rajamanickam	JCEE	126,800.00	8,300.00	1,200.00	39,308.00	500.00	176,108.00
7	S. Ragupathi	JCEE	130,600.00	8,300.00	1,200.00	40,486.00	500.00	193,744.00
8	J. Josephine Sahayarani	JCEE	130,600.00	8,300.00	1,200.00	40,486.00	500.00	193,744.00
9	R. Ethirajan	EE	107,100.00	8,300.00	1,200.00	33,201.00	800.00	150,601.00
10	S. Bharathidasan	EE	120,500.00	8,300.00	1,200.00	37,355.00	500.00	167,855.00
11	S. Malarvizhi	EE	120,500.00	8,300.00	1,200.00	37,355.00	500.00	167,855.00
12	T. Rathi	EE	117,000.00	8,300.00	1,200.00	36,270.00	500.00	163,270.00
13	R. Chitra	EE	78,000.00	8,300.00	1,200.00	24,180.00	0.00	111,680.00
14	M. Muralidharan	AEE	80,000.00	8,300.00	1,200.00	24,800.00	800.00	115,100.00
15	K. Deivanai	AEE	59,500.00	7,800.00	1,200.00	18,445.00	800.00	87,745.00
16	M. Veda	AEE	57,800.00	7,800.00	1,200.00	17,918.00	800.00	85,518.00
17	K. Guganathan	AEE	57,800.00	7,800.00	1,200.00	17,918.00	800.00	85,518.00
18	K. Kasthuri	AEE	57,800.00	7,800.00	1,200.00	17,918.00	800.00	85,518.00
19	E. Janatha	AM	60,900.00	7,800.00	1,200.00	18,879.00	0.00	88,779.00
20	S. Mary	AM	81,800.00	8,300.00	1,200.00	25,358.00	0.00	116,658.00
21	M. Manivannan	AM	52,500.00	6,800.00	1,200.00	16,275.00	300.00	77,075.00
22	A. Meena	AM	39,100.00	4,700.00	800.00	12,121.00	300.00	57,021.00
23	A. Arunkumar	Assistant General Assistant	23,300.00	2,100.00	500.00	7,223.00	300.00	33,423.00
24	R. Amaravathy	Field Assistant	36,200.00	4,200.00	800.00	11,222.00	300.00	52,722.00
25	S. B. Giri Prasath	Sr. Person al Assistant	21,500.00	2,100.00	500.00	6,665.00	300.00	31,065.00
26	S. Sivakumar	AE	79,400.00	8,300.00	1,200.00	24,614.00	0.00	113,514.00
27	R. Gayathri	Assistant	47,800.00	5,700.00	1,200.00	14,818.00	800.00	70,318.00
28	K. Jayaprasanth	Driver (Spl.G)	26,200.00	2,600.00	500.00	8,122.00	300.00	37,722.00
29	S. Nainappudaiyur	AM	62,200.00	7,800.00	1,200.00	19,282.00	200.00	90,682.00
30	V. Dhanaraj	Field Assistant	51,000.00	6,200.00	1,200.00	15,810.00	2,800.00	77,010.00
31	R. Vinoth Kumar		23,500.00	2,100.00	500.00	7,285.00	300.00	33,685.00

32	L. Parvathy	Sweeper	21,565.00	2,100.00	500.00	6,685.00	500.00	31,350.00
33	V. Narasamma	Sweeper	31,700.00	3,600.00	800.00	9,827.00	500.00	46,427.00
34	S.Aruldas	Technical Assistant	56,900.00	7,500.00	1,200.00	17,639.00	300.00	83,539.00
35	R.Kalaichelvi	AM	41,500.00	5,200.00	1,200.00	12,865.00	300.00	61,065.00
36	S. Suganthi	General Assistant	66,000.00	8,300.00	1,200.00	20,460.00	0.00	95,960.00
37	M.Mohan Kumar	General Assistant	31,200.00	3,600.00	800.00	9,672.00	300.00	45,572.00
38	C.Srinivasan	General Assistant	26,900.00	2,600.00	500.00	8,339.00	300.00	38,639.00
39	A. Karthick	Assistant	20,700.00	1,800.00	500.00	6,417.00	2,800.00	32,217.00
40	G. Uma Maheswari	Private Secretary	80,100.00	8,300.00	1,200.00	24,831.00	1,200.00	115,631.00
41	S. Pitchammal	Personal Assistant	75,900.00	8,300.00	1,200.00	23,529.00	0.00	108,929.00
42	Suba Thiagarajan	Sr.Personal Assistant	79,400.00	8,300.00	1,200.00	24,614.00	0.00	113,514.00
43	C.Raghuraman	Sr.Personal Assistant	79,400.00	8,300.00	1,200.00	24,614.00	0.00	113,514.00
44	A. Ramesh	Personal Assistant	72,100.00	8,300.00	1,200.00	22,351.00	0.00	103,951.00
45	A. Rachel Samadanam	Personal Assistant	74,300.00	8,300.00	1,200.00	23,033.00	0.00	106,833.00
46	J. Mageshkumar	Assistant Manager	77,100.00	8,300.00	1,200.00	23,901.00	0.00	110,501.00
47	P.Pushpam	Personal Assistant	74,300.00	8,300.00	1,200.00	23,033.00	0.00	106,833.00
48	V.Vasanthi	Personal Assistant	70,000.00	8,300.00	1,200.00	21,700.00	0.00	101,200.00
49	G.Samson Devakumar	Personal Assistant	74,300.00	8,300.00	1,200.00	23,033.00	0.00	106,833.00
50	Radha Nagarajan	Personal Assistant	76,500.00	8,300.00	1,200.00	23,715.00	0.00	109,715.00
51	M.Gopalakrishnan	Junior Engineer (Civil)	71,600.00	8,300.00	1,200.00	22,196.00	2,800.00	106,096.00
52	V.Padmanaban	AM	49,500.00	5,700.00	1,200.00	15,345.00	300.00	72,045.00
53	V.Rajani	Typist	53,300.00	6,800.00	1,200.00	16,523.00	240.00	78,063.00
54	G.Arunbabu	Office Assistant	33,000.00	3,600.00	800.00	10,230.00	650.00	48,280.00
55	R. Arumugam	Driver	39,700.00	4,700.00	800.00	12,307.00	640.00	58,147.00
56	B. Sathishkumar	General Assistant	27,700.00	3,100.00	500.00	8,587.00	300.00	40,187.00
57	S.B.Vijayalakshmi	General Assistant	27,700.00	3,100.00	500.00	8,587.00	300.00	40,187.00
58	E.Tharanidharan	Assistant Manager	39,100.00	4,700.00	800.00	12,121.00	2,800.00	59,521.00
59	N.Maithileeswari	General Assistant	31,200.00	3,600.00	800.00	9,672.00	300.00	45,572.00
60	V.Mala	Assistant Manager	39,100.00	4,700.00	800.00	12,121.00	300.00	57,021.00
61	Sugantha Magesh	General Assistant	32,100.00	3,600.00	800.00	9,951.00	300.00	46,751.00
62	R. Vijila Gracelin	General Assistant	31,200.00	3,600.00	800.00	9,672.00	300.00	45,572.00
63	G.Kandhasamy	General Assistant	31,200.00	3,600.00	800.00	9,672.00	300.00	45,572.00
64	A. Raju	General Assistant	45,900.00	5,700.00	1,200.00	14,229.00	300.00	67,329.00
65	D.V. Amuda	General Assistant	30,300.00	3,100.00	500.00	9,393.00	300.00	43,593.00

66	D.Aravindan	General Assistant	30,300.00	3,100.00	500.00	9,393.00	300.00	43,7593.00
67	S. Thenmozhi	General Assistant	30,300.00	3,100.00	500.00	9,393.00	300.00	43,593.00
68	P. Josephine Chinnarani	General Assistant	27,700.00	3,100.00	500.00	8,587.00	380.00	40,267.00
69	J Malini	General Assistant	27,700.00	3,100.00	500.00	8,587.00	300.00	40,187.00
70	B.V.Perumal	General Assistant	27,700.00	3,100.00	500.00	8,587.00	300.00	40,187.00
71	E. Dhanalakshmi	General Assistant	27,700.00	3,100.00	500.00	8,587.00	300.00	40,187.00
72	R. Selvarajan	General Assistant	27,700.00	3,100.00	500.00	8,587.00	300.00	40,187.00
73	K.Kanchana	General Assistant	27,700.00	3,100.00	500.00	8,587.00	300.00	40,187.00
74	S. Tharabai	General Assistant	27,700.00	3,100.00	500.00	8,587.00	300.00	40,187.00
75	K. Mary	General Assistant	27,700.00	3,100.00	500.00	8,587.00	300.00	40,187.00
76	Syed Aslam Ahmed	General Assistant	27,700.00	3,100.00	500.00	8,587.00	300.00	40,187.00
77	C. Mani	General Assistant	39,600.00	4,700.00	800.00	12,276.00	300.00	57,676.00
78	M. Dhinakaran	AEE	59,500.00	7,800.00	1,200.00	18,445.00	800.00	87,745.00
79	S.R. Sangeeta	AEE	56,100.00	7,500.00	1,200.00	17,391.00	800.00	82,991.00
80	S. Sivapriya	AE	47,800.00	5,700.00	1,200.00	14,818.00	800.00	70,318.00
81	R. Kavimozhi	AE	47,800.00	5,700.00	1,200.00	14,818.00	800.00	70,318.00
82	R.Ganesh	AM	57,400.00	7,800.00	1,200.00	17,794.00	300.00	84,494.00
83	D.Irudayaraj Pinheiro	AM	57,400.00	7,800.00	1,200.00	17,794.00	300.00	84,494.00
84	K.Suryakala	AM	52,500.00	6,800.00	1,200.00	16,275.00	300.00	77,075.00
85	M.A.Ravikumar	AM	51,000.00	6,200.00	1,200.00	15,810.00	300.00	74,510.00
86	S.Banumathy	AM	48,100.00	5,700.00	1,200.00	14,911.00	300.00	70,211.00
87	G.Sasikala	DM	64,300.00	8,300.00	1,200.00	19,933.00	0.00	93,733.00
88	E.Auxilia	DM	64,300.00	8,300.00	1,200.00	19,933.00	0.00	93,733.00
89	B.Raji	AM	60,900.00	7,800.00	1,200.00	18,879.00	0.00	88,779.00
90	P.K.Ranganathan	AM	57,400.00	7,800.00	1,200.00	17,794.00	300.00	84,494.00
91	R.Daisy Arul Mary	DM	64,300.00	8,300.00	1,200.00	19,933.00	2,500.00	96,233.00
92	S.Murale	DM	64,300.00	8,300.00	1,200.00	19,933.00	2,500.00	96,233.00
93	M.Sekar	DM	64,300.00	8,300.00	1,200.00	19,933.00	0.00	93,733.00
94	A.Ravi	DM	64,300.00	8,300.00	1,200.00	19,933.00	0.00	93,733.00
95	K.N.Mahalakshmi	DM	68,200.00	8,300.00	1,200.00	21,142.00	0.00	98,842.00
96	R. Remy	AE	47,800.00	5,700.00	1,200.00	14,818.00	800.00	70,318.00
97	U. Mohamed Musthafa	AE	47,800.00	5,700.00	1,200.00	14,818.00	800.00	70,318.00
98	V. Pushpalatha	AE	47,800.00	5,700.00	1,200.00	14,818.00	500.00	70,018.00
99	Fathima Jalal	AE	47,800.00	5,700.00	1,200.00	14,818.00	800.00	70,318.00
100	R. Sridhar	AE	38,800.00	4,700.00	800.00	12,028.00	800.00	57,128.00
101	C.Balachandran	Manager (IA)	95,200.00	8,300.00	1,200.00	29,512.00	0.00	134,212.00
102	P.Radhakrishnan	Manager (P&A)	73,200.00	8,300.00	1,200.00	22,692.00	0.00	105,392.00
103	K.Rajalakshmi	ADM	73,200.00	8,300.00	1,200.00	22,692.00	0.00	105,392.00
104	S.Muralidharan	ADM	71,100.00	8,300.00	1,200.00	22,041.00	0.00	102,641.00
105	E.M.Ravishanker	DM	70,200.00	8,300.00	1,200.00	21,762.00	0.00	101,462.00



**The budget allocated to each of its agency, indicating the particulars of all plans, proposed expenditures and reports on disbursements made:**

The budget is allocated to each of its District office indicating the particulars of income and proposed expenditures. In addition the accounts of the Board are audited every year by Statutory Auditor appointed by the State Government on the advice of the Comptroller and Auditor General of India and presented to the Legislative Assembly of Tamilnadu on or before 31<sup>st</sup> December.



### Chapter- 13 (Manual-12)

#### The Manner of Execution of Subsidy Programme

TNPCB plays a catalytic role in the implementation of Common Effluent Treatment Plants (CETPs) for small scale units located in clusters like tanneries, textile bleaching and dyeing units and hotels. The Board does not subsidize any programmes. The Board acts as a nodal agency to channelize the Government of India & Government of Tamilnadu funds to the Common Effluent Treatment Plants (CETP) in the State subject to the terms and conditions laid out for each CETP.

#### Pattern of Financial Assistance (MoEF&CC Guidelines issued in March 2012)

Central Assistance (Subsidy)	50% of the total project cost
State Assistance (Subsidy)	25% of the total project cost
Project Proponent share	25% of the total project cost (Out of the proponent" s share, atleast 40% of contribution from the proponent and balance 60% raised through loan from Banks/Financial Institutions)

## Chapter- 14 (Manual-13)

### **Particulars of recipients of concessions, permits or authorizations granted by it:**

Consent to Establish, Consent to operate, Authorizations under Hazardous Waste Management Rules, Bio Medical Waste Management Rules, E-waste Management Rules, Solid Waste management Rules, Plastic Waste Management Rules, Construction and Demolition Waste Rules are being issued to industries as discharger/generator, hospitals, manufacturers/ dismantlers/ recyclers/ refurbishers, local bodies and waste processing facility, respectively. Registers regarding the recipients are available at Tamilnadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai 600 032 and also District Offices of the Tamilnadu Pollution Control Board. The copy of orders can be seen & downloaded from the TNPCBOCMMS website: **[ocmms.tn.gov.in](http://ocmms.tn.gov.in)**

The following particulars of recipients of Consent order / Authorization are also available in the Taminadu Pollution Control Board the Web site.

1. Name and Address of the Industry
2. Types of Consent / Authorization
3. Products Manufactured
4. Category
5. Date of Issue of Consent order / Authorization
6. Consent Order Number
7. Validity

## **Chapter- 15 (Manual-14)**

### **The norms set by it for the discharge of its functions:**

#### **Monitoring of Industries**

For effective monitoring, industries are categorized as Red, Orange, Green and White according to their pollution potential. The industries have also been classified in scale of size with Gross Fixed Assets(GFA) more than Rs. 10 crores as Large, more than Rs. 5 crores and up to Rs. 10 crores as Medium and up to Rs. 5 crore as Small scale.

#### **Inspections of Industrial Units and Sample Collection**

The industries, generating trade effluent are required to provide effluent treatment plant to treat their trade effluent to satisfy the standards prescribed by the Board. Industries are constantly monitored regarding the functioning of their effluent treatment plants and samples of treated sewage/trade effluent are collected regularly to assess the quality of effluent discharged and also to assess the efficiency of the effluent treatment plants installed. Similarly the Industries, which let out process emissions, are regularly monitored through inspections of the air pollution control measures provided by the units since the entire State of Tamilnadu has been declared as an „Air Pollution Control Area“ . Stack emission and ambient air quality survey are conducted regularly in the industries to assess the quality of the emissions let out and the quality of ambient air in the vicinity. The industries are instructed to carryout necessary corrective measures if required.

#### **Procedure for Issue of Consent**

Industries have to obtain consent for discharge of sewage / trade effluent into any stream or well or into sewer or land under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and consent under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 to operate the unit in air pollution control area of entire State of Tamilnadu. The consent is issued to the industries in two stages. 1<sup>st</sup> stage, “Consent to Establish” (CTE) is issued depending upon the suitability of the site before the industry takes up the construction activity. 2<sup>nd</sup> stage, “Consent to Operate” (CTO) is issued after construction of unit and before commissioning the industrial unit , onlyafter the compliance of conditions issued in Consent to Establish.

#### **Auto Renewal of Consent**

TNPCB introduced a concept of „Auto Renewal“ of Consent to the Red-Small and all Orange and Green category Industries. Accordingly consent is renewed to these units without prior inspection for which the unit has to furnish self certification. This ensures grant of renewal consent within 7 days on receipt of application.

#### **Restrictions on Location of Industries:**

Consent is issued to the industries after assessing the suitability of the site. As per G.O. Ms. No: 213, Environment and Forests (EC-1) Department, dt. 30.3.1989, the scheduled highly polluting industries are not allowed within 1 km radius of water sources as prescribed in the G.O. itself. In G.O. Ms. No: 127, Environment and Forests (EC-III) Department, dt. 8.5.1998 as amended in G.O. Ms. No: 223, dt. 2.9.98, orders were issued that the specified industries as in G.O. Ms. No: 213, dt. 30.3.1989, the above 1 km stipulation has further been increased to 5 km radius in respect of certain important rivers vise, Cauvery and its tributaries, Pennaiyar, Palar, Vaigai and Tamirabarani.

## Online Consent Management and Monitoring System (OCMMS)

TNPCB has provided the facility of Online Consent Management and Monitoring System (OCMMS) from 19.01.2015. OCMMS is a web based generic application software package for automating the workflow associated with consent management and monitoring which is one of the basic functions of the Board. This system allows the industries for online submission of application for Consent to Establish / Consent to Operate / Renewal of Consent, uploading of documents, online payment of consent fees, online submission of clarification and for knowing the status of application. This system allows to carry out the consent management processes such as application scrutiny, raise inspection, raise clarification, submit inspection report, prepare consent order and forward consent order to the industries through online. It helps for online monitoring of the processing of application. From 20.1.2015 onwards, the applications are accepted only through OCMMS. In order to facilitate the industries to apply online through OCMMS, Care Centre has been established in all the 36 district offices. Web portal for online consent application is [ocmms.tn.gov.in](http://ocmms.tn.gov.in) As per B.P. No. 5 dated 2.8.2016, **Consent to Establish** validity period as follows:

<b>Projects</b>	<b>Validity Period</b>
EIA attracting	7 years(1fee)
Non-EIA	5 Years (1 Fee)

**Consent to Operate and Renewal of consent** validity period as follows:

<b>Red</b>	<b>Orange</b>	<b>Green</b>
5 Years(5 Fees)	10 Years(5Fees)	14 Years (7Fees)

## Chapter- 16 (Manual-15)

### **Information available in an electronic form:**

Activities of the Board Water Quality and Air Quality Data, Care Air Centre connected Industries monitoring data, CEPI Action Plan, CAAQMS data, Public Hearing notification, Minutes of TSC, CCC, ZLCCC, DLCCC, B.P/Notifications, All Applications Formats, Consent fee structure & Lab Analytical charges, TNPCB Annual Reports, Public Interested G.Os, Tender Notices, Annual Reports as per Waste Management Rules, consent orders, authorizations etc.,  
Office Website: [www.tnpcb.gov.in](http://www.tnpcb.gov.in)  
TNPCB OCMMS Web site : [ocmms.tn.gov.in](http://ocmms.tn.gov.in)

## Chapter- 17(Manual-16)

### **Particulars of facilities available to citizens for obtaining information**

The Right to Information Section at III floor of TNPCB, 76, Mount Salai, Guindy, Chennai-32. Library at III Floor of TNPC Board, 76, Mount Salai, Guindy, Chennai -32. Working Hours: 10.00 A.M to 5.45 P.M on all working days as per Government Rules.

### **Environmental Training**

One of the functions of the State Board as enumerated under the provisions of Section 17 of the Water & Air Act is to collaborate with the Central Board in organizing the training of persons engaged or to be engaged in the programme relating to prevention, control or abatement of water and air pollution and to organize mass education programme relating thereof. Training is important for manpower development and to achieve work efficiency. Senior officers, engineers, scientists and ministerial staff are being given training regularly in various aspects of prevention, abatement and control of pollution.

### **Environmental Training Institute**

An Environmental Training Institute (ETI) has been established with financial assistance from DANIDA, Denmark in the year 1994 at head office, Guindy, Chennai. It is guided by a steering committee chaired by Chairman, TNPCB. An advisory council provides technical support. The main objective of the training institute is to impart training to the staff of the Board to make them competent and capable of monitoring/advising small, medium and large-scale industries on pollution treatment and prevention techniques suitable to their needs. Non-governmental organizations, local bodies and personnel from the industries are mobilised/sensitized to the issues of environment on the following aspects:

- Improve awareness at all levels.
- Introduce the holistic approach to environment & sustainable development.
- Introduce the basic theories, concepts and methodologies of integrated Environmental planning and management aiming a sustainable development.
- Promote public awareness and motivation to preserve and protect the environment through NGOs
- Create cross-media awareness in industry, urban sector and the public on Environmental hazards and adverse impact on quality of life
- Pollution control at source by cleaner technology and improved processes of material and products.
- Improve Environmental management capacity in the sector of industry and urban development.
- Develop the ability among professionals to communicate effectively.

### **Environmental Awareness and Public Participation**

An awareness cell is established in the Head Office, Chennai to promote Environmental awareness. Various awareness campaigns, workshops, rallies are being conducted regularly to highlight important Environmental issues. A awareness campaign is launched against air and noise pollution during festival seasons such as Deepavali and Bhogi. The noise level monitoring and air quality survey are conducted during Deepavali in the important cities viz. Chennai, Salem, Madurai, Coimbatore, Vellore, Hosur, Tiruppur, Cuddalore, Tirunelveli and Trichy. Ambient air quality survey on pre-bhogi and post-bhogi days are conducted in Chennai. Awareness programmes are broadcasted regularly through F.M. radio every year.

Awareness programmes are conducted through the Collectors in all the district headquarters and towns not to use plaster of paris and paints to make the Vinayagar idols. The Board also monitors water quality of the identified water bodies before and after immersion of idols in specified locations.

TNPCB actively participates in the Government Exhibition conducted every year at Island Grounds in Chennai by providing stall and exhibits models on Effluent Treatment Plant, Air Pollution Control Measures, Solid Waste Management and other information on Environmental Protection. Similarly TNPCB participates in Government Exhibitions conducted at the District Head Quarters. World Environment Day, Ozone Day are celebrated every year.