

Jharkhand State Pollution Control Board

Standard Operating Procedures



Government of Jharkhand

Standard Operating Procedure –AS-IS

Name of Service E-Waste

Sub services:

Sub-service: New Industry Registration

Previous Approval: _____

Basis for approval

Steps	Verific ation	Documents/Information needed	Timelines	Contact Person
<p>Applicant submits an application to the department Regional Office</p>	<p align="center">-</p>	<p>Producers seeking EPR- Authorization for managing their EPR:</p> <ul style="list-style-type: none"> • General Details • Details of Electrical and Electronic • Equipment (EEEs) placed on market State wise during previous year as per Table 1 and 2 of Rules • State Specific EPR Plans • Costs involved in implementing EPR • Details of RoHS compliance for EEEs placed on the market <p>Application for obtaining authorization for Generation/treatment/disposal of e-waste:</p> <ul style="list-style-type: none"> • General Details • E-Waste details • Details of Facilities for storage/handling • Details of storage facility including area • Copy of MoU with Recyclers/Dismantlers <p>Registration of Facilities Possessing Environmentally Sound Management Practice For Dismantling/ Recycling E-Waste:</p> <ul style="list-style-type: none"> • Consent to establish granted by the State Pollution Control Board • Certificate of registration issued by the District Industries Centre or any 		<p>Mr BK Gupta, Research Assistant Mob: 9955989422</p>

		<p>other government agency authorised in this regard</p> <ul style="list-style-type: none"> • Proof of installed capacity of plant and machinery issued by the District Industries Centre or any other government agency authorised in this behalf • In case of renewal, a certificate of compliance of effluent and emission standards, treatment and disposal of hazardous wastes as applicable from the State Pollution Control Board 		
Application is received by the Receiving Clerk (RC) at the corresponding Regional office and sent to the concerned officer (JEE/SA/ASO) for examination	-	-	2	-
The application & other relevant documents are examined by the Concerned Officer (JEE/SA/ASO) and sent to the Regional Officer (RO)	-	-	3	Regional Officer
If application is incomplete, he will raise clarification to the unit	-	-	3	-
If documents are found in order, the Application is sent to RC at Head office and sent to the Officer (JEE/SA/RA) for examination	-	-	2	Head office: 0651-2400851
After examination, the Officer sends it online to the respective Section Head (EE/AEE)	-	-	7	Head office: 0651-2400851
If application is incomplete, he will raise clarification to the unit	-	-	7	Head office: 0651-2400851
If the application is found in order, the Section Head instructs the officer below him (JEE/SA/RA) to prepare E-Waste draft; The same is sent back to Section Head	-	-	10	Head office: 0651-2400851
Section head sends it to the Member Secretary	-	-	7	Member Secretary: 0651-2400851

Then Competent authority disposes/approves the application	-	-	10	Member Secretary: 0651-2400851
The applicant receives the signed copy of certificate through post	-	-	-	Head office: 0651-2400851

Annexure I
Annexure II

The Environment Protection Act 1986
e-waste (Management) Rules 2015 (draft)

Note:

For Seeking Authorisation And Registration For Handling E-Wastes:

On receipt of the application complete in all respects for the authorisation, the State Pollution Control Board may grant an authorisation in Form-1(bb) to the applicant to carry out safe operations in the authorised place only, which shall be valid for a period of five years

Registration of Facilities Possessing Environmentally Sound Management Practice For Dismantling/Recycling E-Waste

In case of transportation of e-waste for final disposal to a facility in a State other than the State where the waste is generated or collected, the transporter shall obtain 'No Objection Certificate' from the State Pollution Control Board concerned and shall intimate the State Pollution Control Board of the State(s) of transit.

Standard Operating Procedure –AS-IS

Name of Service E-Waste

Sub services:

Sub-service: Renewal

Previous Approval: E-Waste grant certificate

Basis for approval: Compliance of E-waste grant issued previously

Steps	Verific ation	Documents/Information needed	Timelines	Contact Person
<p>Applicant submits an application to the department Regional Office</p>	<p align="center">-</p>	<p>Producers seeking EPR- Authorization for managing their EPR:</p> <ul style="list-style-type: none"> • General Details • Details of Electrical and Electronic • Equipment (EEEs) placed on market State wise during previous year as per Table 1 and 2 of Rules • State Specific EPR Plans • Costs involved in implementing EPR • Details of RoHS compliance for EEEs placed on the market <p>Application for obtaining authorization for Generation/treatment/disposal of e-waste:</p> <ul style="list-style-type: none"> • General Details • E-Waste details • Details of Facilities for storage/handling • Details of storage facility including area • Copy of MoU with Recyclers/Dismantlers <p>Registration of Facilities Possessing Environmentally Sound Management Practice For Dismantling/ Recycling E-Waste:</p> <ul style="list-style-type: none"> • Consent to establish granted by the State Pollution Control Board • Certificate of registration issued by the District 		<p>Mr BK Gupta, Research Assistant Mob: 9955989422</p>

		<p>Industries Centre or any other government agency authorised in this regard</p> <ul style="list-style-type: none"> • Proof of installed capacity of plant and machinery issued by the District Industries Centre or any other government agency authorised in this behalf • In case of renewal, a certificate of compliance of effluent and emission standards, treatment and disposal of hazardous wastes as applicable from the State Pollution Control Board 		
Application is received by the Receiving Clerk (RC) at the corresponding Regional office and sent to the concerned officer (JEE/SA/ASO) for examination	-	-	2	-
The application & other relevant documents are examined by the Concerned Officer (JEE/SA/ASO) and sent to the Regional Officer (RO)	-	-	3	Regional Officer
If application is incomplete, he will raise clarification to the unit	-	-	3	-
If documents are found in order, the Application is sent to RC at Head office and sent to the Officer (JEE/SA/RA) for examination	-	-	2	Head office: 0651-2400851
After examination, the Officer sends it online to the respective Section Head (EE/AEE)	-	-	7	Head office: 0651-2400851
If application is incomplete, he will raise clarification to the unit	-	-	7	Head office: 0651-2400851
If the application is found in order, the Section Head instructs the officer below him (JEE/SA/RA) to prepare E-Waste Renewal draft; The same is sent back to Section Head	-	-	10	Head office: 0651-2400851
Section head sends it to the Member Secretary	-	-	7	Member Secretary: 0651-

				2400851
Then Competent authority disposes/approves the application	-	-	10	Member Secretary: 0651-2400851
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Registration of Facilities Possessing Environmentally Sound Management Practice For Dismantling/Recycling E-Waste

In case of transportation of e-waste for final disposal to a facility in a State other than the State where the waste is generated or collected, the transporter shall obtain 'No Objection Certificate' from the State Pollution Control Board concerned and shall intimate the State Pollution Control Board of the State(s) of transit.

Annexure I

THE ENVIRONMENT (PROTECTION) ACT, 1986

No. 29 OF 1986

[23rd May, 1986.]

An Act to provide for the protection and improvement of environment and for matters connected there with:

WHEREAS the decisions were taken at the United Nations Conference on the Human Environment held at Stockholm in June, 1972, in which India participated, to take appropriate steps for the protection and improvement of human environment;

AND WHEREAS it is considered necessary further to implement the decisions aforesaid in so far as they relate to the protection and improvement of environment and the prevention of hazards to human beings, other living creatures, plants and property;

BE it enacted by Parliament in the Thirty-seventh Year of the Republic of India as follows:-

CHAPTER I

PRELIMINARY

1.SHORT TITLE, EXTEND AND COMMENCEMENT

(1) This Act may be called the Environment (Protection) Act, 1986.

(2) It extends to the whole of India.

(3) It shall come into force on such date as the Central Government may, by notification in the Official Gazette, appoint and different dates may be appointed for different provisions of this Act and for different areas.¹

2.DEFINITIONS

In this Act, unless the context otherwise requires,--

(a) "environment" includes water, air and land and the inter- relationship which exists among and between water, air and land, and human beings, other living creatures, plants, micro-organism and property;

(b) "environmental pollutant" means any solid, liquid or gaseous substance present in such concentration as may be, or tend to be, injurious to environment;

(c) "environmental pollution" means the presence in the environment of any environmental pollutant;

(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;

(f) "occupier", 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 substance, the person in possession of the substance;

(g) "prescribed" means prescribed by rules made under this Act.

CHAPTER II

GENERAL POWERS OF THE CENTRAL GOVERNMENT

3. POWER OF CENTRAL GOVERNMENT TO TAKE MEASURES TO PROTECT AND IMPROVE ENVIRONMENT

(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 subsection (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 thereunder, 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;

(xi) establishment or recognition of environmental laboratories and institutes to carry out the functions entrusted to such environmental laboratories and institutes under this Act;

(xii) collection and dissemination of information in respect of matters relating to environmental pollution;

(xiii) preparation of manuals, codes or guides relating to the prevention, control and abatement of environmental pollution;

(xiv) such other matters as the Central Government deems necessary or expedient for the purpose of securing the effective implementation of the provisions of this Act.

(3) The Central Government may, if it considers it necessary or expedient so to do for the purpose of this Act, by order, published in the Official Gazette, constitute an authority or authorities by such name or names as may be specified in the order for the purpose of exercising and performing such of the powers and functions (including the power to issue directions under section 5) of the Central Government under this Act and for taking measures with respect to such of the matters referred to in sub-section (2) as may be mentioned in the order and subject to the supervision and control of the Central Government and the provisions of such order, such authority or authorities may exercise and powers or perform the functions or take the measures so mentioned in the order as if such authority or authorities had been empowered by this Act to exercise those powers or perform those functions or take such measures.

4. APPOINTMENT OF OFFICERS AND THEIR POWERS AND FUNCTIONS

(1) Without prejudice to the provisions of sub-section (3) of section 3, the Central Government may appoint officers with such designation as it thinks fit for the

purposes of this Act and may entrust to them such of the powers and functions under this Act as it may deem fit.

(2) The officers appointed under sub-section (1) shall be subject to the general control and direction of the Central Government or, if so directed by that Government, also of the authority or authorities, if any, constituted under sub-section (3) of section 3 or of any other authority or officer.

5. POWER TO GIVE DIRECTIONS

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.³

Explanation--For the avoidance of doubts, it is hereby declared that the power to issue directions under this section includes the power to direct--

- (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.

6. RULES TO REGULATE ENVIRONMENTAL POLLUTION

(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.

(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:--

- (a) the standards of quality of air, water or soil for various areas and purposes;⁴
 - (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;⁵
 - (d) the prohibition and restrictions on the handling of hazardous substances in different areas;⁶
 - (e) the prohibition and restriction on the location of industries and the carrying on process and operations in different areas;⁷
 - (f) the procedures and safeguards for the prevention of accidents which may cause environmental pollution and for providing for remedial measures for such accidents.⁸
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CHAPTER III

PREVENTION, CONTROL, AND ABATEMENT OF ENVIRONMENTAL POLLUTION

7. PERSONS CARRYING ON INDUSTRY OPERATION, ETC., NOT TO ALLOW EMISSION OR DISCHARGE OF ENVIRONMENTAL POLLUTANTS IN EXCESS OF THE STANDARDS

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.⁹

8. PERSONS HANDLING HAZARDOUS SUBSTANCES TO COMPLY WITH PROCEDURAL SAFEGUARDS

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.¹⁰

9. FURNISHING OF INFORMATION TO AUTHORITIES AND AGENCIES IN CERTAIN CASES

(1) Where the discharge of any environmental pollutant in excess of the prescribed standards occurs or is apprehended to occur due to any accident or other unforeseen act or event, the person responsible for such discharge and the person in charge of the place at which such discharge occurs or is apprehended to occur shall be bound to prevent or mitigate the environmental pollution caused as a result of such discharge and shall also forthwith--

(a) intimate the fact of such occurrence or apprehension of such occurrence; and

(b) be bound, if called upon, to render all assistance,

to such authorities or agencies as may be prescribed.¹¹

(2) On receipt of information with respect to the fact or apprehension on any occurrence of the nature referred to in sub-section (1), whether through intimation under that sub-section or otherwise, the authorities or agencies referred to in sub-section (1) shall, as early as practicable, cause such remedial measures to be taken as necessary to prevent or mitigate the environmental pollution.

(3) The expenses, if any, incurred by any authority or agency with respect to the remedial measures referred to in sub-section (2), together with interest (at such reasonable rate as the Government may, by order, fix) from the date when a demand for the expenses is made until it is paid, may be recovered by such authority or agency from the person concerned as arrears of land revenue or of public demand.

10. POWERS OF ENTRY AND INSPECTION

(1) Subject to the provisions of this section, any person empowered by the Central Government in this behalf¹² shall have a right to enter, at all reasonable times with such assistance as he considers necessary, any place--

(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 thereunder or any notice, order, direction or authorisation 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 thereunder has been or is being or is about to be committed and 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 thereunder or that such seizure is necessary to prevent or mitigate environmental pollution.

(2) Every person carrying on any industry, operation or process of handling any hazardous substance 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.

(3) If any person wilfully 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.

(4) The provisions of the Code of Criminal Procedure, 1973, or, in relation to the State of Jammu and Kashmir, or an area in which that Code is not in force, the provisions of any corresponding law in force in that State or area shall, so far as may be, apply to any search or seizures under this section as they apply to any search or seizure made under the authority of a warrant issued under section 94 of the said Code or as the case may be, under the corresponding provision of the said law.

11. POWER TO TAKE SAMPLE AND PROCEDURE TO BE FOLLOWED IN CONNECTION THEREWITH

(1) The Central Government or any officer empowered by it in this behalf,¹³ 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.¹⁴

(2) The result of any analysis of a sample taken under sub-section (1) shall not be admissible in evidence in any legal proceeding unless the provisions of sub-sections (3) and (4) are complied with.

(3) Subject to the provisions of sub-section (4), the person taking the sample under sub-section (1) shall--

(a) serve on the occupier or his agent or person in charge of the place, a notice, then and there, in such form as may be prescribed, of his intention to have it so analysed;

(b) in the presence of the occupier or his agent or person, collect a sample for analysis;

(c) cause the sample to be placed in a container or containers which shall be marked and sealed and shall also be signed both by the person taking the sample and the occupier or his agent or person;

(d) send without delay, the container or the containers to the laboratory established or recognised by the Central Government under section 12.

(4) When a sample is taken for analysis under sub-section (1) and the person taking the sample serves on the occupier or his agent or person, a notice under clause (a) of sub-section (3), then,--

(a) in a case where the occupier, his agent or person wilfully absents himself, the person taking the sample shall collect the sample for analysis to be placed in a container or containers which shall be marked and sealed and shall also be signed by the person taking the sample, and

(b) in a case where the occupier or his agent or person present at the time of taking the sample refuses to sign the marked and sealed container or containers of the sample as required under clause (c) of sub-section (3), the marked and sealed container or containers shall be signed by the person taking the samples, and the container or containers shall be sent without delay by the person taking the sample for analysis to the laboratory established or recognised under section 12 and such person shall inform the Government Analyst appointed or recognised under section 12 in writing, about the wilfull absence of the occupier or his agent or person, or, as the case may be, his refusal to sign the container or containers.

12. ENVIRONMENTAL LABORATORIES

(1) The Central Government¹⁵ may, by notification in the Official Gazette,--

(a) establish one or more environmental laboratories;

(b) recognise one or more laboratories or institutes as environmental laboratories to carry out the functions entrusted to an environmental laboratory under this Act.¹⁶

(2) The Central Government may, by notification in the Official Gazette, make rules specifying--

(a) the functions of the environmental laboratory;¹⁷

(b) the procedure for the submission to the said laboratory of samples of air, water, soil or other substance for analysis or tests, the form of the laboratory report thereon and the fees payable for such report;¹⁸

(c) such other matters as may be necessary or expedient to enable that laboratory to carry out its functions.

13. GOVERNMENT ANALYSTS

The Central Government may by notification in the Official Gazette, appoint or recognise such persons as it thinks fit and having the prescribed qualifications¹⁹ to be Government Analysts for the purpose of analysis of samples of air, water, soil or other substance sent for analysis to any environmental laboratory established or recognised under sub-section (1) of section 12.

14. REPORTS OF GOVERNMENT ANALYSTS

Any document purporting to be a report signed by a Government analyst may be used as evidence of the facts stated therein in any proceeding under this Act.

15. PENALTY FOR CONTRAVENTION OF THE PROVISIONS OF THE ACT AND THE RULES, ORDERS AND DIRECTIONS

(1) Whoever fails to comply with or contravenes any of the provisions of this Act, or the rules made or orders or directions issued thereunder, 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.

16. OFFENCES BY COMPANIES

(1) Where any offence under this Act has been committed by a company, every person who, at the time the offence was committed, was directly in charge of, and was responsible to, the company for the conduct of the business of the company, as well as the company, shall be deemed to be guilty of the offence and shall be liable to be proceeded against and punished accordingly:

Provided that nothing contained in this sub-section shall render any such person liable to any punishment provided in this Act, if he proves that the offence was committed without his knowledge or that he exercised all due diligence to prevent the commission of such offence.

(2) Notwithstanding anything contained in sub-section (1), where an offence under this Act has been committed by a company and it is proved that the offence has been committed with the consent or connivance of, or is attributable to any neglect on the part of, any director, manager, secretary or other officer of the company, such director, manager, secretary or other officer shall also be deemed to be guilty of that offence and shall be liable to be proceeded against and punished accordingly.

Explanation--For the purpose of this section,--

(a) "company" means any body corporate and includes a firm or other association of individuals;

(b) "director", in relation to a firm, means a partner in the firm.

17. OFFENCES BY GOVERNMENT DEPARTMENTS

(1) Where an offence under this Act has been committed by any Department of Government, the Head of the Department shall be deemed to be guilty of the offence and shall be liable to be proceeded against and punished accordingly.

Provided that nothing contained in this section shall render such Head of the Department liable to any punishment if he proves that the offence was committed without his knowledge or that he exercise all due diligence to prevent the commission of such offence.

(2) Notwithstanding anything contained in sub-section (1), where an offence under this Act has been committed by a Department of Government and it is proved that the offence has been committed with the consent or connivance of, or is attributable to any neglect on the part of, any officer, other than the Head of the Department, such officer shall also be deemed to be guilty of that offence and shall be liable to be proceeded against and punished accordingly.

CHAPTER IV

MISCELLANEOUS

18. PROTECTION OF ACTION TAKEN IN GOOD FAITH

No suit, prosecution or other legal proceeding shall lie against the Government or any officer or other employee of the Government or any authority constituted under this Act or any member, officer or other employee of such authority in respect of anything which is done or intended to be done in good faith in pursuance of this Act or the rules made or orders or directions issued thereunder.

19. COGNIZANCE OF OFFENCES

No court shall take cognizance of any offence under this Act except on a complaint made by--

(a) the Central Government or any authority or officer authorised in this behalf by that Government,²⁰ or

(b) any person who has given notice of not less than sixty days, in the manner prescribed, of the alleged offence and of his intention to make a complaint, to the Central Government or the authority or officer authorised as aforesaid.

20. INFORMATION, REPORTS OR RETURNS

The Central Government may, in relation to its function under this Act, from time to time, require any person, officer, State Government or other authority to furnish to it or any prescribed authority or officer any reports, returns, statistics, accounts and other information and such person, officer, State Government or other authority shall be bound to do so.

21. MEMBERS, OFFICERS AND EMPLOYEES OF THE AUTHORITY CONSTITUTED UNDER SECTION 3 TO BE PUBLIC SERVANTS

All the members of the authority, constituted, if any, under section 3 and all officers and other employees of such authority when acting or purporting to act in pursuance of any provisions of this Act or the rules made or orders or directions issued thereunder shall be deemed to be public servants within the meaning of section 21 of the Indian Penal Code (45 of 1860).

22. BAR OF JURISDICTION

No civil court shall have jurisdiction to entertain any suit or proceeding in respect of anything done, action taken or order or direction issued by the Central Government or any other authority or officer in pursuance of any power conferred by or in relation to its or his functions under this Act.

23. POWERS TO DELEGATE

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 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.

24. EFFECT OF OTHER LAWS

(1) Subject to the provisions of sub-section (2), the provisions of this Act and the rules or orders made therein shall have effect notwithstanding anything inconsistent therewith contained in any enactment other than this Act.

(2) Where any act or omission constitutes an offence punishable under this Act and also under any other Act then the offender found guilty of such offence shall be liable to be punished under the other Act and not under this Act.

25. POWER TO MAKE RULES

(1) The Central Government may, by notification in the Official Gazette, make rules for carrying out the purposes of this Act.

(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--

(a) the standards in excess of which environmental pollutants shall not be discharged or emitted under section 7;²¹

(b) the procedure in accordance with and the safeguards in compliance with which hazardous substances shall be handled or caused to be handled under section 8;²²

(c) the authorities or agencies to which intimation of the fact of occurrence or apprehension of occurrence of the discharge of any environmental pollutant in excess of the prescribed standards shall be given and to whom all assistance shall be bound to be rendered under sub-section (1) of section 9;²³

(d) the manner in which samples of air, water, soil or other substance for the purpose of analysis shall be taken under sub-section (1) of section 11;²⁴

(e) the form in which notice of intention to have a sample analysed shall be served under clause (a) of sub section (3) of section 11;²⁵

(f) the functions of the environmental laboratories,²⁶ the procedure for the submission to such laboratories of samples of air, water, soil and other substances for analysis or test;²⁷ the form of laboratory report; the fees payable for such report and other matters to enable such laboratories to carry out their functions under sub-section (2) of section 12;

(g) the qualifications of Government Analyst appointed or recognised for the purpose of analysis of samples of air, water, soil or other substances under section 13;²⁸

(h) the manner in which notice of the offence and of the intention to make a complaint to the Central Government shall be given under clause (b) of section 19;²⁹

(i) the authority of officer to whom any reports, returns, statistics, accounts and other information shall be furnished under section 20;

(j) any other matter which is required to be, or may be, prescribed.

26. RULES MADE UNDER THIS ACT TO BE LAID BEFORE PARLIAMENT

Every rule made under this Act shall be laid, as soon as may be after it is made, before each House of Parliament, while it is in session, for a total period of thirty days which may be comprised in one session or in two or more successive sessions, and if, before

the expiry of the session immediately following the session or the successive sessions aforesaid, both Houses agree in making any modification in the rule or both Houses agree that the rule should not be made, the rule shall thereafter have effect only in such modified form or be of no effect, as the case may be; so, however, that any such modification or annulment shall be without prejudice to the validity of anything previously done under that rule.

¹ It came into force in the whole of India on 19th November, 1986 vide Notification No. G.S.R. 1198(E) dated 12-11-86 published in the Gazette of India No. 525 dated 12-11-86.

² The Central Government has delegated the powers vested in it under section 5 of the -Act to the State Governments of Andhra Pradesh, Assam, Bihar, Gujarat, Haryana, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Mizoram, Orissa, Rajasthan, Sikkim and Tamil Nadu subject to the condition that the Central Government may revoke such delegation of Powers in respect of all or any one or more of the State Governments or may itself invoke the provisions of section 5 of the Act, if in the opinion of the Central Government such a course of action is necessary in public interest, (Notification No. S.O. 152 (E) dated 10-2-88 published in Gazette No. 54 of the same date). These Powers have been delegated to the following State Governments also on the same terms: Meghalaya, Punjab and Uttar Pradesh vide Notification No. S.O.389 (E) dated 14-4-88 published in the Gazette No. 205 dated 14-4-88; Maharashtra vide Notification No. S.O. 488(E) dated 17-5-88 published in the Gazette No. 255 dated 17-5-88; Goa and Jammu & Kashmir vide Notification No. S.O. 881 (E) dated 22-9-88; published in the Gazette No. 749 dated 22-9-88. West Bengal Manipur vide Notification N. S.O. 408 (E) dated 6-6-89; published in the Gazette No. 319 dated 6-6-89; Tripura vide Notification No. S.O. 479 (E) dated 25-7-91 published in the Gazette No. 414 dated 25-7-91.

³ For issuing directions see r.4 of Environment (Protection) Rules, 1986.

⁴ See r. 3 of Environment (Protection) Rules, 1986 and Schedules thereto.
i. Schedule I lists the standards for emission or discharge of environmental pollutants from the industries, processes or operations and their maximum allowable limits of concentration;
ii. Schedule II lists general standards for discharge of effluents and their maximum limits of concentration allowable;
iii. Schedule III lists ambient air quality standards in respect of noise and its maximum allowable limits; and
iv. Schedule IV lists standards for emission of smoke, vapour etc. from motor vehicles and maximum allowable limits of their emission.

⁵ See r. 13 of Environment (Protection) Rules, 1986, and
i. Hazardous Wastes (Management and Handling) Rules, 1989;
ii. Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989; and

iii. Rules for the Manufacture, Use, Import, Export and Storage of Hazardous Micro organisms, Genetically-engineered organisms or Cells.

⁶ Rule 13 SUPRA.

⁷ See r. 5 of Environment (Protection) Rules, 1986.

⁸ See r. 12 of Environment (Protection) Rules and Schedule 11, and relevant provisions of Hazardous Wastes (Management and Handling) Rules, Manufacture, Storage and Import of Hazardous Chemicals Rules and Rules for the Manufacture, Use, Import Export and Storage of hazardous Micro-organisms, Genetically Engineered Organisms or Cells.

⁹ See r. 3 of Environment (Protection) Rules, 1486 and Schedule I.

¹⁰ See r. 13 of Environment (Protection) Rules, 1986 and
i. Hazardous Wastes (Management and Handling) Rules, 1989;
ii. Manufacture, Storage and h7lporl of Hazardous Chemicals Rules, 1989; and
iii. Rules for the Manufacture, Use Import, Export and Storage of Hazardous Micro organisms, Genetically Engineered organisms or Cells.

¹¹ For authorities or agencies see r. 12 of Environment (Protection) Rules, 1986 and Schedule

¹² The Central Govt. has empowered 60 persons listed in the Table (p. 251) vide S.O. 83 (E) published in the Gazette of India No. 66 dated 16-2-87 and S.O. 63 (E) published in the Gazette of India No. 42 dated 18-1-88.

¹³ In excercise of powers conferred under sub-section (i) of section 11 the Central Government has empowered 60 officers listed in the Table (p. 254) vide S.O. 84. (E) published in the Gazette No. 66 dated 16-2-87 and S.O. 62(E) published in the Gazette No. 42 dated 18-1-88.

¹⁴ For procedure for taking samples see r. 6 of Environment (Protection) Rules, 1986, also.

¹⁵ The Central Government has delegated its powers under clause (b) of sub-section (i) of section 12 and section 13 of the Act to the Central Pollution Control Board vide Notification No. S.O. 145 (E) dated 21-2-91 published in the Gazette No. 128 dated 27-2-91.

¹⁶ The list of laboratories/institutes recognised as environmental laboratories: and the persons recognised as Govt. Analysts is given in the table (p. 223).

¹⁷ See r. 9 of Environment (Protection) Rules, 1986.

¹⁸ See r. 8 of Environment (Protection) Rules, 1986.

¹⁹ For qualifications of Govt. Analyst see r. 10 of Environment (Protection) Rules, 1986.

²⁰ In exercise of powers conferred under clause (a) of section 19, the Central-Government has authorised the officers and authorities listed in the Table (p. 238) vide S.O. 394 (E) published in the Gazette No. 185 dated 16-4-87, S.O. 237(E) published in the Gazette No. 171 dated 29-3-89 and S.O. 656(E) dated 21-8-89 published in the Gazette No. 519 dated 21-8-89.

²¹ See footnote 2 on Page 213.

²² See footnote 3 on Page 213.

²³ See footnote I on Page 214.

²⁴ See r.6 of Environment (Protection) Rules, 1986.

²⁵ See r. 7 of Environment (Protection) Rules, 1986.

²⁶ See r. 9 of Environment (Protection) Rules, 1986.

²⁷ For the procedure for submission of samples to laboratories and the form of laboratory report see r. 8 of Environment (Protection) Rules, 1986.

²⁸ See r. 10 of Environment (Protection) Rules, 1986.

²⁹ See r. 11 of Environment (protection) Rules, 1986.

Annexure II

**[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY
PART-II, SECTION-3, SUB-SECTION (ii)]**

**GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE**

NOTIFICATION

NEW DELHI, 10th June, 2015

G.S.R. 472(E) . - -. The following draft rules which the Central Government proposes to make, in exercise of the powers conferred by sections 6, 8 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), in supersession of the e-waste (Management and Handling) Rules, 2011, published in the Gazette of India, Part II, Section 3, Sub-section 3(ii), vide number S.O.1035(E) dated the 12th May 2011, except as respects things done or omitted to be done before such supersession is hereby published as required under sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986 for the information of the public likely to be affected thereby and notice is hereby given that the said notification will be taken into consideration by the Central Government on or after the expiry of sixty days from the date on which copies of this notification as published in the Gazette of India are made available to the public;

Any person interested in making any objection or suggestion on the proposals contained in the draft notification may do so in writing within the period so specified through post to the Secretary, Ministry of Environment and Forests, Paryavaran Bhawan, CGO Complex, Lodi Road, New Delhi-110003 or electronically at email address: bnsinha@gov.in, shruti.rai@nic.in.

Draft rules

1. **Short title-** These rules may be called the e-waste (Management) Rules, 2015.
2. **Application.-** These rules shall apply to every manufacturer, producer, consumer, bulk consumer, collection centres, dealers, refurbishers, dismantler and recycler involved in manufacture, sale, transfer, purchase, collection, storage and processing of e-waste or electrical and electronic equipment (EEE) listed in Schedule 1, including their components, **consumables** and spare parts which make the product operational and shall not apply to-
 - (a) Batteries as covered under the Batteries (Management and Handling) Rules, 2001 made under the Act;
 - (b) Radioactive wastes as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made thereunder.

3. **Definitions.**-(1) In these rules, unless the context otherwise requires, -
- (a) 'Act' means the Environment (Protection) Act, 1986 (29 of 1986);
 - (b) 'authorisation' means permission for handling, collection, reception, storage, transportation, dismantling, recycling, treatment and disposal of e-waste, granted under rule 12;
 - (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 organizations, international agencies and private companies that are registered under the Factories Act, 1948 (63 of 1948) and Companies Act, 2013 (18 of 2013) and Health Care Facilities which has turnover of more than one crore or has more than twenty employees;
 - (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);
 - (e) 'Collection centre' means a centre established by Producer individually or as association to collect e-waste, or the dealers which play such role and which is indicated in the authorisation for Extended Producer Responsibility granted to the Producer and having facilities as per the guidelines made by Central Pollution Control Board;
 - (f) 'consumer' means any person using electrical and electronic equipment excluding the bulk consumers;
 - (g) 'Channelisation' means to direct the path for movement of e-wastes after collection to registered dismantler or recycler;
 - (h) 'dealer' means any individual or firm that buys or receive electrical and electronic equipment as listed in Schedule -I of these rules and their peripherals from a producer or producers for sale or wholesale and/or retail selling to individual or bulk consumer;
 - (i) 'dismantler' means any person or registered society or a designated agency or a company or an association engaged in dismantling of used electrical and electronic equipment into their components and having facilities as per the guidelines made by Central Pollution Control Board;
 - (j) '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;

- (k) 'environmentally sound management of e-waste' means taking all steps required to ensure that e-waste are managed in a manner which shall protect health and environment against any adverse effects, which may result from hazardous substance contained in such wastes;
- (l) 'electrical and electronic equipment' means equipment which is dependent on electric currents or electro-magnetic fields to be fully functional;
- (m) 'e-waste' means waste electrical and electronic equipment whole or in part or rejects from their manufacturing, refurbishment and repair process which are intended to be discarded as waste;
- (n) 'e-waste exchange' is 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 and which is regulated by government as prescribed.
- (o) 'Extended Producer Responsibility' (EPR) means responsibility of any producer of electrical or electronic equipment, for their products beyond manufacturing until environmentally sound management of their end-of-life products;
- (p) 'EPR-Authorisation' means a permission given by Central Pollution Control Board or State Pollution Control Board to a producer, for managing Extended Producer Responsibility with State specific implementation plans and targets outlined in such authorization including detail of Producer Responsibility Organisation (PRO), if applicable;
- (q) 'EPR management' means setting up an effective e-waste channelisation system comprising of setting up collection centers, implementing take back system, agreements with registered dismantler or recycler either individually or collectively or through a Producer Responsibility Organization (PRO) authorised by producer or producers;
- (r) '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;
- (s) 'Form' means form appended to these rules;
- (t) '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;

- (u) 'manufacturer' means a person or an entity or a company as in the Companies Act, 2013 (18 of 2013) or a factory as in the Factories Act, 1948 (63 of 1948) which has facilities for manufacture of EEE;
- (v) '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 or has stopped product support;
- (w) 'Producer' means any person who, irrespective of the selling technique used;
 - i. manufactures and offers to sell electrical and electronic equipment under his own brand; or\
 - ii. offers to sell under his own brand, assembled electrical and electronic equipment produced by other manufacturers or suppliers; or
 - iii. offers to sell imported electrical and electronic equipment;
- (x) 'Producer Responsibility Organisation' means *a professional organisation authorised or financed collectively by Producers or independently or on public private partnership platform which can take the responsibility of group of producers for collection and channelisation of e-waste generated from the 'end of life' of their products or 'end of life' products to ensure environmentally sound management of such waste thus acting as an e-waste exchange system;*
- (y) 'recycler' - means any person who is engaged in recycling or reprocessing of used electrical and electronic equipment or assemblies or their component and having facilities as elaborated in the guidelines made by Central Pollution Control Board;
- (z) '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;
- (aa) 'refurbisher' means any person who is engaged in refurbishment;
- (bb) 'Schedule' means the Schedule appended to these rules;
- (cc) 'State Government in relation to an Union territory means, the Administrator thereof appointed under article 239 of the Constitution;
- (dd) '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 (6g of 1974);

- (ee) 'State Specific EPR Plan' means a State specific plan submitted by a producer to Central Pollution Control Board or State Pollution Control Board, as the case may be, at the time of applying for EPR-Authorisation in which a producer will provide State wise details of e-waste channelisation systems including detail of Producer Responsibility Organisation, if applicable;
- (ff) 'transporter' means a person engaged in the off-site transportation of e-waste by air, rail, road or water;
- (gg) 'White -goods' means consumer electrical and electronics such as Television sets (including sets based on liquid crystal display and light emitting diode technology), Refrigerators, Washing machine, Air-conditioners excluding centralised air conditioning plants.

(2) *Words and expressions used in these rules and not defined but defined in the Act shall have the meanings respectively assigned to them in that Act.*

CHAPTER II

RESPONSIBILITIES

4. Responsibilities of the Producer.—The producer of electrical and electronic equipment listed in Schedule-I shall be responsible for:-

- (1) Implementing the Extended Producers Responsibility with the following framework; namely:-
 - (a) Collection and channelisation of e-waste generated from the 'end of life' of their products or 'end of life' products with same electrical and electronic equipment code that of their products placed in the market in line with the principle of 'Extended Producer Responsibility' (EPR);
 - (b) the producer shall opt to implement Extended Producer Responsibility individually or collectively. In individual producer responsibility, producer may set up his own collection centers. In collective system, producers may tie-up as a member with a Producer Responsibility Organisation. In any case, individual producer shall seek EPR-Authorisation from Central Pollution Control Board or State Pollution Control Board, as the case may be, in accordance with the Form 1 and the procedure laid down in Rule-12(1);
 - (c) the mechanism for channelisation of e-waste from 'end of life' products to registered dismantler or recyclers can also be routed through e-waste exchange;

- (d) Central Pollution Control Board or State Pollution Control Board shall be issuing the EPR-Authorisation in accordance with Form 1(aa);
- (e) implement take back systems either individually or collectively through Producer Responsibility Organisation;
- (f) providing contact details such as address, telephone numbers or helpline number of collection centers to consumer(s) or bulk consumer(s) so as to facilitate return of used electrical and electronic equipment;
- (g) creating awareness through publications, advertisements, posters, or by any other means of communication and information booklets accompanying the equipment, with regard to-
 - (i) information on hazardous constituents as specified in sub-rule 1 of rule 12 in electrical and electronic equipment;
 - (ii) information on hazards of improper handling, disposal, accidental breakage, damage and/or improper recycling of e-waste;
 - (iii) instructions for handling and disposal of the equipment after its use, along with the Do's and Don'ts;
 - (iv) affixing a visible, legible and indelible symbol given below on the products or information booklets to prevent e-waste from being dropped in garbage bins containing waste destined for disposal;



- (v) means and mechanism available for their consumers to return e-waste for recycling;
- (2) Financing and organising a system to meet the costs involved in the environmentally sound management of e-waste generated from the 'end of life' of its own products and historical waste available on the date from which these rules come into force. The financing arrangement of such a system shall be transparent. The producer may choose to establish such a system either individually or by joining the collective scheme of Producer Responsibility Organisation. The details of financial incentives given and expenditure made in implementing take back system or channelisation of waste electrical and electronic equipment shall be submitted in annual returns as per Form 3;
 - (3) Implementing the Deposit Refund Scheme wherein a portion of sale price shall be retained by producer and shall be refundable to the consumer once the end of life products is channelised in the prescribed method;

- (4) maintaining records in Form 2 of the e-waste handled and make such records available for scrutiny by the Central Pollution Control Board or the State Pollution Control Board or the Committee concerned;
- (5) Filing annual returns in Form 3, to the Central Pollution Control Board and the State Pollution Control Board or Pollution Control Committee concerned, on or before the 30th day of June following the financial year to which that return relates.

5. Responsibilities of Manufacturer- (1) Collection of e-waste generated during the manufacture of any electrical and electronic equipment and channelising it for recycling or disposal;

- (2) Obtain an authorisation as per Form 1 (a) in accordance with the procedure under sub-rule (2) of rule 12 from the State Pollution Control Board or Pollution Control Committee concerned as the case may be, who will be giving the authorization in accordance with Form 1 (bb);
- (3) Ensure that no damage is caused to the environment during storage and transportation of e-waste;
- (4) Maintain records of the e-waste generated, handled and disposed in Form 2 and make such records available for scrutiny by the State Pollution Control Board or the Pollution Control Committee concerned;
- (5) File annual returns in Form 3, to the State Pollution Control Board or Pollution Control Committee concerned on or before the 30th day of June following the financial year to which that returns relates.

6. Responsibilities of Collection Centers- (1) Ensure that the facilities are in accordance with the standards or guidelines prescribed by the Central Pollution Control Board from time to time;

- (2) The e-waste collected by them is stored in a secured manner till it is sent to registered dismantler or recycler as the case may be;
- (3) Ensure that no damage is caused to the environment during storage and transportation of e-waste;
- (4) Maintain records of the e-waste handled in Form 2 and make such records available for scrutiny by the State Pollution Control Board or the Pollution Control Committee concerned.

7. Responsibilities of dealers – (1) Every dealer shall collect the e-waste by providing the consumer a box, bin or a demarcated area to deposit e-waste, or through take back system on behalf of Producer;

- (2) Every dealer shall make an application in Form 4 to the concerned State Pollution Control Boards or Pollution Control Committees for grant of one time registration;
 - (a) The State Pollution Control Boards or Pollution Control Committees shall register the dealer on one time basis and

registration would be deemed as considered if not objected to within a period of thirty days;

- (b) the registered dealer shall submit details of e-waste collected to the concerned State Pollution Control Board or Pollution Control Committees on yearly basis and registration would be liable for cancellation on failure to furnish these details to the State Pollution Control Boards or Pollution Control Committees; provided that the registration granted to the dealer shall not be cancelled unless he has been given a reasonable opportunity of hearing.
- (3) Every dealer shall ensure that the e-waste thus collected is safely transported back to the producer or to registered collection centre as the case may be.
- (4) Every dealer shall file annual returns in Form 3 to the concerned State Pollution Control Board or Pollution Control Committee, on or before the 30th day of June following to the financial year to which that return relates.
- (5) Every dealer shall maintain records of the e-waste handled in Form 2 and such records should be available for scrutiny by the appropriate Authority.

8. Responsibilities of Refurbisher – (1) Every Refurbisher shall collect e-waste generated during the process of refurbishing and channelise the waste to registered collection center or dismantler or recycler;

(2) Every Refurbisher shall make an application in Form 4 to the concerned State Pollution Control Boards or Pollution Control Committees for grant of one time registration;

- (a) the State Pollution Control Boards or Pollution Control Committees shall register the Refurbisher on one time basis and registration would be deemed as considered if not objected to within a period of thirty days;
- (b) the registered Refurbisher shall be required to submit details of e-waste generated to the concerned State Pollution Control Board or Pollution Control Committees on yearly basis and registration would be liable for cancellation on failure to furnish these details to the State Pollution Control Boards or Pollution Control Committees; provided that the registration granted to the refurbisher shall not be cancelled unless he has been given a reasonable opportunity of hearing;
- (3) Every refurbisher shall ensure that the e-waste thus collected is safely transported back to authorized collection centre or registered recyclers as the case may be.

- (4) Every refurbisher shall file annual returns in Form 3 to the concerned State Pollution Control Board or Pollution Control Committee, on or before the 30th day of June following to the financial year to which that return relates.
- (5) Every refurbisher shall maintain records of the e-waste handled in Form 2 and such records should be available for scrutiny by the appropriate authority.

9. Responsibilities of Consumer or Bulk Consumer- (1) Consumers or Bulk Consumers of electrical and electronic equipment listed in Schedule-I shall ensure that e-waste generated by them is channelised to authorised collection center or registered dismantler or recycler or is returned to the pick-up or take back services provided by the producers; and

- (2) Bulk consumers shall maintain records of e-waste generated by them in Form 2 and make such records available for scrutiny by the State Pollution Control Board or the Pollution Control Committee concerned;
- (3) Ensure that such end of life electrical and electronic equipment do not contain radioactive material as covered under the provisions of the Atomic Energy Act 1962(33 of 1962) and rules made there under;
- (4) File annual returns in Form 3, to the concerned State Pollution Control Board or Pollution Control Committee on or before the 30th day of June following the financial year to which that returns relates.

10. Responsibilities of Dismantler- (1) The dismantler shall ensure that the facility and dismantling processes are in accordance with the standards or guidelines prescribed by the Central Pollution Control Board from time to time;

- (2) obtain registration from the State Pollution Control Board in accordance with the procedure under the rules 14;
- (3) ensure that no damage is caused to the environment during storage and transportation of e-waste;
- (4) ensure that the dismantling processes do not have any adverse effect on the health and the environment;
- (5) ensure that dismantled e-waste are segregated and sent to the registered recycling facilities for recovery of materials;
- (6) ensure that non-recyclable or non-recoverable components are sent to authorized treatment storage and disposal facilities;
- (7) file a return in Form 3, to the State Pollution Control Board or the Pollution Control Committee concerned as the case may be, on or before 30th June following the financial year to which that return relates;
- (8) not process any e-waste for recovery or refining of materials, unless he is registered with State Pollution Control Board as a recycler for refining and recovery of materials.

11. Responsibilities of Recycler. – (1) The Recycler shall ensure that the facility and recycling processes are in accordance with the standards or

guidelines prescribed by the Central Pollution Control Board from time to time;

- (2) obtain registration from State Pollution Control Board in accordance with the procedure under the rules 14;
- (3) make available all records to the Central or State Pollution Control Board or Pollution Control Committee of Union territories for inspection;
- (4) ensure that residue generated thereof and disposed of in an authorised common hazardous waste treatment storage disposal facility;
- (5) file annual returns in Form 3, to the State Pollution Control Board or Pollution Control Committee concerned as the case may be, on or before 30th June following the financial year to which that returns relate.

CHAPTER III

PROCEDURE FOR SEEKING AUTHORISATION AND REGISTRATION FOR HANDLING E-WASTES

12. Procedure for Grant of Authorization.- (1) EPR-Authorisation of Producers-

(i) Every producer of electrical and electronic equipment listed in Schedule-I, shall make an application for EPR-Authorisation within a period of three months starting from the date of commencement of these rules in Form 1 to State Pollution Control Board in case of selling their product in one state or Central Pollution Control Board, in case selling their product in more than one state, for grant of authorisation;

(ii) In case of pan India authorisation, on receipt of the application complete in all respects, a committee constituted by Central Pollution Control Board with the representative members of State Pollution Control Boards or Pollution Control Committees, after evaluating the State specific EPR Plan, after such enquiry as it considers necessary and on being satisfied that the producer has detailed out an effective system to manage Extended Producer Responsibility in the country, shall recommend granting EPR-Authorisation by Central Pollution Control Board, in Form-1(aa) within a period of one hundred and twenty days. The EPR-Authorization shall be valid initially for a period of five years;

(iii) The Central Pollution Control Board or State Pollution Control Board, as the case may be, after giving reasonable opportunity of being heard to the applicant shall refuse to grant EPR-Authorization;

(iv) The Central Pollution Control Board after grant of EPR-Authorisation shall forward the State specific Extended Producer Responsibility Plan to respective State Pollution Control Boards or Pollution Control Committees for their implementation;

- (v) An application for the renewal of EPR-Authorisation shall be made in Form-1 before sixty days of its expiry and the Central Pollution Control Board or State Pollution Control Board, as the case may be, may renew the authorization after examining each case on merit and on issuance of compliance report by the concerned State Pollution Control Board or Pollution Control Committees and subject to the condition that there is no report of violation of the provisions of the Act or the rules made there under or the conditions specified in the EPR-Authorisation;
- (vi) Every producer of electrical and electronic equipment listed in Schedule- I, shall take all steps, wherever required, to comply with the conditions specified in the EPR-Authorisation;
- (vii) The State Pollution Control Board in case of a respective State or the Pollution Control Committee in case of Union territories shall maintain a register containing particulars of the conditions imposed under EPR-Authorization for environmentally sound management of e-waste, and it shall monitor the compliance of EPR-Authorization and take cognizance of any non-compliance and also inform Central Pollution Control Board about the action taken;

(2) Authorisation of Manufacturer.- (i) The manufacturer generating e-waste shall obtain an authorisation from the State Pollution Control Board or Pollution Control Committee of Union territories concerned as the case may be;

- (ii)** The manufacturer shall make an application, within a period of three months starting from the date of commencement of these rules in Form 1(a) to the State Pollution Control Board or the Pollution Control Committee for grant of authorisation;
- (iii)** On receipt of the application complete in all respects for the authorisation, the State Pollution Control Board or Pollution Control Committee of Union territories may, after such enquiry as it considers necessary and on being satisfied that the applicant possesses appropriate facilities, technical capabilities and equipment to handle e-waste safely, grant within a period of ninety days an authorisation in Form-1(bb) to the applicant to carry out safe operations in the authorised place only, which shall be valid for a period of five years;
- (iv)** The State Pollution Control Board or Pollution Control Committee of the Union territories after giving reasonable opportunity of being heard to the applicant may refuse to grant any authorisation;
- (v)** Every person authorised under these rules shall maintain the record of e-waste handled by them in Form 2 and prepare and submit to the State Pollution Control Board or Pollution Control Committee, an annual return containing the details specified in Form 3 on or before

30th day of June following the financial year to which that return relates;

- (vi) An application for the renewal of an authorisation shall be made in Form-1 before sixty days of its expiry and the State Pollution Control Board or Pollution Control Committee may renew the authorization after examining each case on merit and subject to the condition that there is no report of violation of the provisions of the Act or the rules made thereunder or the conditions specified in the authorisation;
- (vii) Manufacturer shall take all steps, wherever required, to comply with the conditions specified in the authorisation;
- (viii) The State Pollution Control Board in case of a respective State or the Pollution Control Committee in case of Union territories shall maintain a register containing particulars of the conditions imposed under these rules for environmentally sound management of e-waste, and it shall be open for inspection during office hours to any person interested or affected or a person authorised by him on his behalf.

13. Power to suspend or cancel an authorization.- (1) The State Pollution Control Board or Pollution Control Committee of the Union territories may, if in its opinion, the holder of Manufacturer Authorisation has failed to comply with any of the conditions of the authorization or with any provisions of the Act or these rules and after giving a reasonable opportunity of being heard and after recording reasons thereof in writing cancel or suspend the authorisation issued under these rules for such period as it considers necessary in the public interest and inform Central Pollution Control Board within ten days of cancellation;

- (2) The Central Pollution Control Board, if in its opinion, the holders of the EPR Authorisation has failed to comply with any of the conditions of the authorization or with any provisions of the Act or these rules and after giving a reasonable opportunity of being heard and after recording reasons thereof in writing cancel or suspend the EPR-Authorization issued under these rules for such period as it considers necessary in the public interest and inform State Pollution Control Boards or Pollution Control Committees within ten days of cancellation;
- (3) Upon suspension or cancellation of the authorisation, the Central Pollution Control Board or State Pollution Control Board or Pollution Control Committee of the Union territories may give directions to the persons whose authorisation has been suspended or cancelled for the safe storage of the e-waste and such persons shall comply with such directions.

PROCEDURE FOR REGISTRATION WITH STATE POLLUTION CONTROL BOARD

14. **Procedure for grant of registration.**– (1) Every Dismantler or Recycler of e-waste shall make an application, with in a period of three months starting from the date of commencement of these rules, in Form-4 in triplicate to the State Pollution Control Board accompanied with a copy of the following documents for the grant or renewal of registration, namely:-

- (i) consent to establish granted by the State Pollution Control Board under the Water (Prevention and Control of Pollution) Act, 1974, (25 of 1974) and the Air (Prevention and Control of Pollution) Act, 1981(21 of 1981);
- (ii) certificate of registration issued by the District Industries Centre or any other government agency authorised in this regard;
- (iii) proof of installed capacity of plant and machinery issued by the District Industries Centre or any other government agency authorised in this behalf;
- (iv) in case of renewal, a certificate of compliance of effluent and emission standards, treatment and disposal of hazardous wastes as applicable from the State Pollution Control Board or Committee of the Union territories or any other agency designated for this purpose:

Provided that any person registered under the provisions of the Hazardous Wastes (Management, Handling and Transboundary Movements) Rules, 2008, and the e-waste (Management & Handling) Rules, 2011 prior to the date of coming into force of these rules shall not be required to make an application for registration till the period of expiry of such registration:

- (2) The State Pollution Control Board, on being satisfied that the application is complete in all respects and that the applicant is utilising environmentally sound technologies and possess adequate technical capabilities, requisite facilities and equipment to recycle and process e-waste, may grant registration to such applicants stipulating therein necessary conditions as deemed necessary for carrying out safe operations in the authorised place only.
- (3) The State Pollution Control Board shall dispose of the application for registration within a period of ninety days from the date of the receipt of such application complete in all respects.
- (4) The registration granted under these rules shall be valid initially for a period of two years and thereafter for a period of maximum five years on subsequent renewals from the date of its issue, unless the operation is

discontinued by the unit or the registration suspended or cancelled by the State Pollution Control Board.

- (5) The State Pollution Control Board may after giving reasonable opportunity of being heard to the applicant, by order, refuse to grant or renew.
- (6) The State Pollution Control Board shall monitor the compliance of conditions stipulated for granting registration.
- (7) The State Pollution Control Board may cancel or suspend a registration granted under these rules, if it has reasons to believe that the registered recycler has failed to comply with any of the conditions of registration, or with any provisions of the Act or rules made thereunder, after giving an opportunity to the recycler to be heard and after recording the reasons therefor.
- (8) An application for the renewal of registration shall be made in Form - 4 before sixty days of its expiry and the State Pollution Control Board or Pollution Control Committee may renew the registration after examining each case on merit and subject to the condition that there is no report of violation of the provisions of the Act or the rules made there under or the conditions specified in the registration.
- (9) The Dismantler or Recycler shall maintain records of the e-waste purchased and processed and shall file annual returns of its activities of previous year in Form 3 to the State Pollution Control Board or Pollution Control Committee on or before 30th day of June of every year.
- (10) The Central Government and the Central Pollution Control Board may issue guidelines for standards of performance for recycling processes from time to time.

CHAPTER IV

15. **Procedure for storage of e-waste.-** Every producer, manufacturer, collection centre, dealers, refurbishers, dismantler or recyclers may store the e-waste for a period not exceeding one hundred and eighty days and shall maintain a record of collection, sale, transfer, storage and segregation of wastes and make these records available for inspection:

Provided that the State Pollution Control Board may extend the said period up to one year in the following cases, namely:

- (i) Collection Centre in the States, which do not have any registered dismantling or recycling facility; or Dismantlers in the States, which do not have any registered recycling facility; and
- (ii) the waste which needs to be specifically stored for development of a process for its recycling or reuse.

CHAPTER V

REDUCTION IN THE USE OF HAZARDOUS SUBSTANCES IN THE MANUFACTURE OF ELECTRICAL AND ELECTRONIC EQUIPMENT AND THEIR COMPONENTS

16. Reduction in the use of hazardous materials in the manufacture of electrical and electronic equipment and their components.- (1) Every producer of electrical and electronic equipment and their components listed in schedule I shall ensure that, new electrical and electronic equipment and their component does not contain Lead, Mercury, Cadmium, Hexavalent Chromium, polybrominated biphenyls or polybrominated diphenyl ethers:

Provided that a maximum concentration value of 0.1% by weight in homogenous materials for lead, mercury, hexavalent chromium, polybrominated biphenyls and polybrominated diphenyl ethers and of 0.01% by weight in homogenous materials for cadmium shall be permitted.

- (2) The applications listed in Schedule-II shall be exempted from provisions of sub-rule (1) of rule 12; provided that the provisions of Sub-rule (1) of rule 12 shall not apply to electrical and electronic equipment and their components manufactured and placed in the market prior to 1st May, 2014;
- (3) In the event of such reduction in the hazardous materials used in the electrical and electronic equipment and their component, the detailed information on the constituents of the equipment and their components shall be provided in the product information booklet.
- (4) Imports or placement in the market for new electrical and electronic equipment shall be permitted only for those which are compliant to provisions of sub-rule (1) of rule 12.
- (5) Manufacture and supply of electrical and electronic equipment used for defense and other similar strategic applications shall be excluded from provisions of sub-rule (1) of rule 12.
- (6) Reduction in use of hazardous substances in manufactured or imported electrical and electronic equipment shall be effective from 1st May 2014;
- (7) Every producer while seeking EPR-Authorisation will provide information on the compliance of the provisions of sub- rule (1) of rule 12. This information shall be in terms of self-declaration.
- (8) Central Pollution Control Board shall conduct random sampling of electrical and electronic equipment placed on the market to monitor and verify the compliance of Restriction of Hazardous Substances.
- (9) Central Pollution Control Board shall publish methods for Restriction of Hazardous Substances sampling and testing and also enlist the labs for random Restriction of Hazardous Substances testing.

(10) Every producer shall provide a declaration of conformance to the Restriction of Hazardous Substances provisions in the product user documentation.

CHAPTER VI

MISCELLANEOUS

17. **Duties of Authorities.-** Subject to other provisions of these rules, the authorities shall perform duties as specified in Schedule-III.

18. **Annual Report.-** (1) The State Boards and the Committees shall prepare and submit to the Central Pollution Control Board an annual report with regard to the implementation of these rules by the 30th September every year in Form 5.

(2) The Central Pollution Control Board shall prepare the consolidated annual review report on management of e-waste and forward it to the Central Government along with its recommendations before the 30th December every year.

19. **Transportation of e-waste.** – (1) In case of transportation of e-waste for final disposal to a facility in a State other than the State where the waste is generated or collected, the transporter shall obtain 'No Objection Certificate' from the State Pollution Control Board concerned and shall intimate the State Pollution Control Board of the State(s) of transit.

(2) In case of transportation of e-waste for dismantling or for recycling in a State other than the State where the waste is generated or collected, the transporter shall give prior intimation to the State Pollution Control Boards concerned and the State Pollution Control Boards of the State(s) of transit.

20. **Accident reporting and follow-up.-** Where an accident occurs at the facility processing e-waste or during transportation of e-waste, the producer, transporter, dismantler, or recycler, as the case may be, shall report immediately to the State Pollution Control Boards or Committees of Union territories about the accident.

21. The collection, storage, transportation, segregation, refurbishment, dismantling, recycling and disposal of e-waste shall be in accordance with the procedures prescribed in the guidelines published by the Central Pollution Control Boards from time to time. Implementation of E-Waste (Management and Handling) Amendment Rules, 2011 shall be in accordance with the guidelines prescribed by the Central Pollution Control Boards from time to time.

SCHEDULE I

(see rules 2, 3(j) and (k))

Categories of electrical and electronic equipment covered under the rules

Sr. No.	Categories of electrical and electronic equipment	EEE Code
i.	Information technology and telecommunication equipment :	
	Centralised data processing: Mainframes, Minicomputers	IEW1
	Personal Computing: Personal Computers (Central Processing Unit with input and output devices)	IEW2
	Personal Computing: Laptop Computers (Central Processing Unit with input and output devices)	IEW3
	Personal Computing: Notebook Computers	IEW4
	Personal Computing: Notepad Computers	IEW5
	Printers including cartridges	IEW6
	Copying equipment	IEW7
	Electrical and electronic typewriters	IEW8
	User terminals and systems	IEW9
	Facsimile	IEW10
	Telex	IEW11
	Telephones	IEW12
	Pay telephones	IEW13
	Cordless telephones	IEW14
	Cellular telephones	IEW15
	Answering systems	IEW16
ii.	Consumer electrical and electronics:	
	Television sets (including sets based on (Liquid Crystal Display and Light Emitting Diode technology)	ICEW1
	Refrigerator	ICEW2
	Washing Machine	ICEW3
	Air-conditioners excluding centralised air conditioning plants	ICEW4

SCHEDULE II
[See rule 12 (2)]

Applications, which are exempted from the requirements of sub-rule (1) of rule 12 (applicable to categories of electrical and electronic equipment as listed in Schedule I)	
	Substance
1	Mercury in single capped (compact) fluorescent lamps not exceeding (per burner):
1(a)	For general lighting purposes <30 W : 5 mg
1(b)	For general lighting purposes ≥ 30 W and <50 W : 5mg
1(c)	For general lighting purposes ≥ 50 W and <150 W : 5mg
1(d)	For general lighting purposes ≥ 150 W : 15 mg
1(e)	For general lighting purposes with circular or square structural shape and tube diameter ≤ 17 mm : 7mg
1(f)	For special purposes:5 mg
2(a)	Mercury in double-capped linear fluorescent lamps for general lighting purposes not exceeding (per lamp):
2(a)(1)	Tri-band phosphor with normal life time and a tube diameter ≤ 9mm (e.g. T2): 4mg
2(a)(2)	Tri-band phosphor with normal life time and a tube diameter ≥ 9 mm and ≤ 17 mm (e.g. T5): 3 mg
2(a)(3)	Tri- band phosphor with normal life time and a tube diameter >17 mm and <28 mm
2(a)(4)	Tri-band phosphor with normal life time and a tube diameter >28 mm (e.g. T 12):5 mg
2(a)(5)	Tri-band phosphor with long life time (>25000 h):8mg
2(b)	Mercury in other fluorescent lamps not exceeding(per lamp):
2(b)(1)	Linear halophosphate lamps with tube >28 mm (e.g. T 10 and T12):10 mg
2(b)(2)	Non-linear halophosphate lamps(all diameters):15mg
2(b)(3)	Non-linear tri-band phosphor lamps with tube diameter >17 mm(e.g.T9):15 mg
2(b)(4)	Lamps for other general lighting and special purposes (e.g. induction lamps):15mg
3	Mercury in cold cathode fluorescent lamps and external electrode fluorescent lamps (CCFL and EEFL)for special purposes not exceeding (per lamp):

3(a)	Short length(\leq 500 mm):3.5mg
3(b)	Medium length(>500 mm and \leq 1500 mm): 5mg
3(c)	Long length(>1500 mm): 13mg
4(a)	Mercury in other low pressure discharge lamps (per lamp)
4(b)	Mercury in High Pressure Sodium(vapour) lamps for general lighting purposes not exceeding (per burner)in lamps with improved colour rendering index $R_a > 60$:
4(b)-I	P <155 W : 30 mg
4(b)-II	155 W < P \leq 405 W : 40 mg
4(b)-III	P >405 W: 40 mg
4(c)	Mercury in other High Pressure Sodium(vapour)lamps for general lighting purposes not exceeding (per burner):
4(c)-I	P \leq 155 W:25mg
4(c)-II	155 W < P \leq 405 W:30 mg
4(c)-III	P >405 W:40 mg
4(d)	Mercury in High Pressure Mercury (vapour) lamps (HPMV)
4(e)	Mercury in metal halide lamps (MH)
4(f)	Mercury in other discharge lamps for special purposes not specifically mentioned in this Schedule
5(a)	Lead in glass of cathode ray tubes
5(b)	Lead in glass of fluorescent tubes not exceeding 0.2% by weight
6(a)	Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0.35% lead by weight
6(b)	Lead as an alloying element in aluminum containing up to 0.4% lead by weight
6(c)	Copper alloy containing up to 4% lead by weight
7(a)	Lead in high melting temperature type solders (i.e. lead-based alloys containing 85% by weight or more lead)
7(b)	Lead in solders for servers, storage and storage array systems, network

7(c)-I	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.
7(c)-II	Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC or higher
7(c)-III	Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC
8(a)	Cadmium and its compounds in one shot pellet type thermal cut-offs.
8(b)	Cadmium and its compounds in electrical contracts
9	Hexavalent chromium as an anticorrosion agent of the carbon steel cooling system in absorption refrigerators up to 0,75% by weight in the cooling solution
9(b)	Lead in bearing shells and bushes for refrigerant-containing compressors for heating, ventilation, air conditioning and refrigeration (HVACR)application.
10(a)	Lead used in C-press complaining pin connector systems
10(b)	Lead used in other than C-press complaint pin connector systems
11	Lead as a coating material for the thermal conduction module C- ring
12(a)	Lead in white glasses used for optical applications
12(b)	Cadmium and lead in filter glasses and glasses used for reflectance standards.
13	Lead in solders consisting of more than two elements for the connection between the pins and the package of microprocessors with a lead content of more than 80% and less than 85% by weight
14	Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit flip chip packages.
15	Lead in linear in candescent lamps with silicate coated tubes
16	Lead halide as radiant agent in high intensity discharge (HID) lamps used for professional reprography applications.
17(a)	Lead as activator in the fluorescent powder (1% lead by weight or less) of discharge lamps when used as specialty lamps for diazoprinting reprography, lithography, insect traps, photochemical and curing processes containing phosphors such as SMS ((Sr, Ba)₂Mg Si₂O₇:Pb)

17(b)	Lead as activator in the fluorescent powder (1% lead by weight or less) of discharge lamps when used as sun tanning lamps containing phosphors such as BSP ($\text{Ba Si}_2\text{O}_5\text{:Pb}$)
18	Lead with PbBiSn-Hg and PbInSn-Hg in specific compositions as main amalgam and with PbSn-Hg as auxiliary amalgam in very compact energy saving lamps (ESL)
19	Lead oxide in glass used for bonding front and rear substrates of flat fluorescent lamps used for Liquid Crystal Displays (LCDs)
20	Lead and cadmium in printing inks for the application of enamels on glasses, such as borosilicate and soda lime glasses
21	Lead in finishes of fine pitch components other than connectors with a pitch of 0.65 mm and less
22	Lead in solders for the soldering to machined through hole discoidal and planar array ceramic multilayer capacitors
23	Lead oxide in surface conduction electron emitter displays (SED) used in structural elements, notably in the seal frit and frit ring.
24	Lead oxide in the glass envelope of black light blue lamps
25	Lead alloys as solder for transducers used in high-powered (designated to operate for several hours at acoustic power levels of 125 dB SPL and above) loudspeakers
26	Lead bound in crystal glass
27	Cadmium alloys as electrical/mechanical solder joints to electrical conductors located directly on the voice coil in transducers used in high-powered loudspeakers with sound pressure levels of 100 dB(A) and more
28	Lead in soldering materials in mercury free flat fluorescent lamps (which e.g. are used for liquid crystal displays, design or industrial lighting)
29	Lead oxide in seal frit used for making window assemblies for Argon and Krypton laser tubes
30	Lead in solders for the soldering of thin copper wires of 100 μm diameter and less in power transformers
31	Lead in cermet-based trimmer potentiometer elements
32	Mercury used as a cathode sputtering inhibitor in DC plasma displays with a content up to 30 mg per display

33	Lead in the plating layer of high voltage diodes on the basis of a zinc borate glass body
34	Cadmium and cadmium oxide in thick film pastes used on aluminum bonded beryllium oxide
35	Cadmium in colour converting II-VI LEDs (<10 µg Cd per mm² of light-emitting area) for use in solid state illumination or display systems.

SCHEDULE III

[See rule 13]

LIST OF AUTHORITIES AND CORRESPONDING DUTIES

Sl. No	AUTHORITY	CORRESPONDING DUTIES
1.	Central Pollution Control Board, Delhi	<ul style="list-style-type: none">(i) Grant and Renewal of EPR-Authorisation(ii) Maintain information on EPR-Authorisation on its web site(iii) Set targets for collection of e-waste(iv) Coordination with State Pollution Control Boards or Committees of Union territories(v) Preparation of Guidelines for Environmentally Sound Management of e-waste(vi) Conduct assessment of e-waste generation and processing(vii) Recommend standards and specifications for processing and recycling e-waste(viii) Documentation, compilation of data on e-waste and uploading on websites of Central Pollution Control Board(ix) Actions against violation of these rules(x) Conducting training and awareness programmes(xi) Submit Annual Report to the Ministry(xii) Any other function delegated by the Ministry under these rules(xiii) Enforcement of provisions regarding reduction in use of hazardous substances in manufacture of electrical and electronic equipment(xiv) Initiatives for IT industry for reducing hazardous substances,(xv) Set targets for compliance to the reduction in use of hazardous substance in manufacture of electrical and electronic equipment(xvi) Incentives and certification for green design or products
2.	State Pollution Control Boards or Committees of Union territories	<ul style="list-style-type: none">(i) Inventorisation of e-waste.(ii) Grant and renewal of manufacturer's Authorisation(iii) Registration of dismantlers or recyclers of e-waste(iv) Monitoring compliance of EPR-Authorisation or manufacturer's authorisation or recycler's or dismantler's registration conditions(v) Maintain information on the conditions imposed for EPR-Authorisation or manufacturer's authorization or recycler's and dismantler's registration(vi) Implementation of programmes to encourage environmentally sound recycling

Sl. No	AUTHORITY	CORRESPONDING DUTIES
		(vii) Action against violations of these rules (viii) Any other function delegated by the Ministry under these rules
3.	Urban Local Bodies (Municipal Committee or Council or Corporation)	(i) To ensure that e-waste if found to be mixed with Municipal Solid Waste is properly segregated, collected and is channelised to either authorised collection centre or dismantler or recycler. (ii) To ensure that e-waste pertaining to orphan products is collected and channelised to either authorised collection centre or dismantler or recycler.

FORM- I

See Rule 4(1)(b), 12(1)(i), 12(1)(v)

Applicable to producers seeking EPR-Authorization for managing their EPR

The application form should contain the following information:

1.	Name and full Address along with telephone numbers, e-mail and other contact details of Producer (It should be the place from where sale in entire country is being managed)	:	
2.	Name of the Authorised Person and full Address with e-mail, telephone and Fax number	:	
2.	Name, address and contact details of third party with full Address, e-mail, telephone and Fax number, if engaged for implementing the EPR	:	
3.	Details of Electrical and Electronic Equipment (EEEs) placed on market State wise during previous year as per Table-1	:	
4.	Details of Electrical and Electronic Equipment (EEEs) placed on market during previous year as per Table-2	:	

Table-1: Details EEE placed on the market in previous year

Year: _____

S.No	Names of the States/Union Territories(UTs) Where EEE are being sold.	Quantity of EEE (in Kgs) as listed in Schedule-I placed on the market.	
		IT Equipment	Consumer Electronics
1	Andhra Pradesh		
2	Arunachal Pradesh		
3	Assam		
4	Bihar		
5	Chhattisgarh		
6	Goa		
7	Gujarat		
8	Haryana		
9	Himachal Pradesh		
10	Jammu and Kashmir		
11	Jharkhand		
12	Karnataka		
13	Kerala		
14	Madhya Pradesh		
15	Maharashtra		
16	Manipur		
17	Meghalaya		
18	Mizoram		
19	Nagaland		
20	Odisha		
21	Punjab		
22	Rajasthan		
23	Sikkim		
24	Tamil Nadu		
25	Telangana		
26	Tripura		
27	Uttar Pradesh		
28	Uttarakhand		
29	West Bengal		
	UTs		
1	Andaman and Nicobar Islands		
2	Chandigarh		
3	Dadra and Nagar Haveli		
4	Daman and Diu		
5	Delhi		
6	Lakshadweep		

7	Puducherry		

Table-2: Details EEE placed on the market in previous year Code wise

Year: _____

S.No	EEE Item Code	EEE Code	Quantity placed on market in Kgs
I	Information technology and telecommunication equipment :		
1	Centralised data processing: Mainframes, Minicomputers	IEW1	
2	Personal Computing: Personal Computers (Central Processing Unit with input and output devices)	IEW2	
3	Personal Computing: Laptop Computers(Central Processing Unit with input and output devices)	IEW3	
4	Personal Computing: Notebook Computers	IEW4	
5	Personal Computing: Notepad Computers	IEW5	
6	Printers including cartridges	IEW6	
7	Copying equipment	IEW7	
8	Electrical and electronic typewriters	IEW8	
9	User terminals and systems	IEW9	
10	Facsimile	IEW10	
11	Telex	IEW11	
12	Telephones	IEW12	
13	Pay telephones	IEW13	
14	Cordless telephones	IEW14	
15	Cellular telephones	IEW15	
16	Answering systems	IEW16	
II	Consumer electrical and electronics:		
17	Television sets (including sets based on (Liquid Crystal Display and Light Emitting Diode technology)	ICEW1	
18	Refrigerator	ICEW2	
19	Washing Machine	ICEW3	

20	Air-conditioners excluding centralised air conditioning plants	ICEW4	
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5 State Specific EPR Plans:

(a) Over-all scheme of EPR plan:

Please provide State specific details of EPR as per Rule 4 on separate sheets for each State

(b) Details of Collection Centres :

S.No	Name of State	Name and Address of the Collection Centre	Owned by Producer or Consortium of Producers or PRO	Contact Details E-Mail and telephone number
Add additional row for each collections centres				

(c) Details of Recyclers or Dismantlers with whom agreement is made for receiving E-waste

S.No	Name of State	Names, full address and contact details of recycler/dismantler	Capacity of the Facility in MT/Annun	Contact Details E-Mail & telephone number
Add additional row for each Recyclers/Dismantlers				

(d) Details of Medium and Small Enterprises (MSE) acting as supplier to the Producer:

S.No	Name of State	Name & Address of MSE	Annual Quantity being	Contact Details E-Mail &

			supplied (MT)	telephone number
Add additional row for each MSE				

If implementing through PRO, then details of PRO

6. Costs involved in implementing EPR :
7. Details of RoHS compliance for : (Provide EE Code wise details
EEEs placed on the market. on separate sheet)

(authorised signature)

FORM – 1(a)

[See rule 12(2)]

**APPLICATION FOR OBTAINING AUTHORIZATION FOR
GENERATION/TREATMENT/DISPOSAL OF E-WASTE***

From:.....
.....

To

The Member Secretary,

..... Pollution Control Board or..... Pollution Control
Committee

.....
.....

Sir,

I / We hereby apply for authorization/renewal of authorisation under rule 12(2) (i) to 12(2) (viii) of the e-wastes (Management) Rules, 2015 for collection/ storage/ transportation/ treatment/ disposal of e-wastes.

For Office Use Only

Code No. :

Whether the unit is situated in a critically polluted area as identified by Ministry of Environment and Forests (yes/no);

To be filled in by Applicant

1. Name and full address of Manufacturer:
2. Contact Person with designation and contact details such as telephone Nos, Fax. No. and E-mail:
3. Authorisation required for (Please tick mark appropriate activity/ies*)
 - (i) Generation during manufacturing*
 - (ii) Collection, Transportation, Storage

4. E-waste details:

(a) Applicable to Manufacturer

(a)	Quantity of EEE Produced in MT/A	
(e)	Total Quantity e-waste generated in MT/A	

5. Details of Facilities for storage/handling:

In case of Manufacturer:

- i. Details of storage facility including area,
- ii. Copy of MoU with Recyclers/Dismantlers

6. In case of renewal of authorisation previous authorisation no. and date

Place : _____

Signature _____

Date : _____

(Name _____)

Designation : _____

Form 1 (aa)
[See rule 12(1)(ii)]

LETTER OF EPR-AUTHORISATION

[EPR-Extended Producer Responsibility Authorisation for Producer of the Electrical & Electronic Equipments]

Ref : Your application for Grant of EPR-Authorization as **Producer of the Electrical & Electronic Equipments listed** in schedule-I of the E-Waste (Management & Handling) Rules, 2011.

1. Number of Authorization:
BO/RO(HQ)/HW/ E- Waste Producer /201--/K/B- **Date:**
2. **M/s. -----** is hereby granted for managing EPR-Authorisation as **Producer of the Electrical & Electronic Equipments listed in schedule-I of the E-Waste (Management) Rules, 2015 for channelisation of e-waste to registered dismantler/recycler of E-Waste as listed in schedule-I.**
3. **The Authorisation shall be in force a period of _____ Year from date of issue.**
4. The authorised producer of the **Electrical & Electronic Equipments listed in schedule-I** shall strictly follow the state specific EPR plan as submitted and approved by the EPR granting Authority. The copy of same is enclosed herewith
5. The authorised Producer shall ensure that collection centers should be set up or designated as per the details given in the application.
6. The authorised Producer shall maintain records in Form 2 of the e-wastes handled and make such records available for scrutiny by the State Pollution Control Board or the Committee Concerned.
7. The authorised Producer shall file annual returns in form 3, to the State Pollution Control Board or Pollution Control Committee Concerned or before 30th day of June following financial year to which that return relates.
8. The authorisation is subject to the conditions stated below and sub conditions as may be specified in the rules in force under the Environment (Protection) Act, 1986.

General Terms & Conditions of the Authorisation:

- a. **The authorisation shall comply with provisions of the Environment (Protection) Act, 1986 and the Rules made there under.**
- b. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the concerned State Pollution Control Boards/Pollution Control Committees and Central Pollution Control Board.
- c. The person authorized shall not rent, lend, sell, transfer or otherwise transport the e-wastes without obtaining prior permission of the Concerned State Pollution Control Boards/Pollution Control Committees and Central Pollution Control Board.
- d. Any unauthorised change in personnel or working conditions as mentioned in the application by the person authorised shall constitute a breach of the authorisation.
- e. It is the duty of the authorised person to take prior permission of the Concerned State Pollution Control Boards/Pollution Control Committees and Central Pollution Control Board to close down the facility.
- f. **An application for the renewal of authorisation shall be made as laid down in sub –rule (vi) of rule of 12(2) the e-Waste (Management) Rules, 2015.**
- g. The Board reserves right to cancel/ amend/ revoke the authorisation at any time as per the Policy of the Board or Government.

Member Secretary

**To,
Concerned Producer**

Copy to:

1. Member Secretary Concerned State.
2. In-charge concerned Zonal Office CPCB.

FORM 1(bb)

[See rule 12(2) (iii)]

**FORM FOR GRANTING AUTHORIZATION FOR
GENERATION/COLLECTION/ /STORAGE OF E-WASTE***

1. (a) Authorisation and (b) date of issue
2.of.....is hereby granted an authorisation for collection, storage and transportation of e-waste on the premises situated at.....
3. The authorisation shall be in force for a period fromto
4. The authorisation is subject to the conditions stated below and such conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986.

Signature-----

Designation -----

Date:-----

Terms and conditions of authorization

1. The authorisation shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made thereunder.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorized by the State Pollution Control Board or Committee of Union territories.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the e-wastes without obtaining prior permission of the State Pollution Control Board or Committee of Union territories.
4. Any unauthorised change in personnel, equipment as working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorisation.
5. It is the duty of the authorised person to take prior permission of the State Pollution Control Board or Committee of Union territories to close down the operations.
6. An application for the renewal of an authorisation shall be made as laid down in sub-rule (vi) of rule 12(2).

FORM 2*[See rules 4(4), 5(4), 8(5), 9(2), 12(2)(v)]***/ GENERATED****Quantity in Metric Tonnes (MT) or Kilograms (Kg) per year**

1.	Name & Address: Producer /Collection Centre/Dismantler/ Recycler/ Bulk consumer *		
2.	Date of Issue of Authorisation* Registration *		
3.	Validity of Authorisation* /Registration*		
4.	Types & Quantity of e- waste handled/ generated	Category	Quantity
		Item Description	
5.	Types & Quantity of e-waste stored	Category	Quantity
		Item Description	
6.	Types & Quantity of e-waste sent to authorised collection centre/ registered dismantler or recycler	Category	Quantity
		Item Description	
7.	Types & Quantity of e-waste transported*	Category	Quantity
		Quantity	
	Name, address and contact details of the destination		
8.	Types & Quantity of e-waste refurbished*	Category	Quantity
		Item Description	
	Name, address and contact details of the destination of refurbished materials		
9.	Types & Quantity of e-waste dismantled*	Category	Quantity
		Item Description	
	Name, address and contact details of the destination		
10.	Types & Quantity of e-waste recycled*	Category	Quantity
		Item Description	

	materials recovered	Quantity	
	Name, address and contact details of the destination		
11.	Types & Quantity of waste treated & disposed	Category	Quantity
		Item Description	

* Strike off whichever is not applicable

FORM 3

[See rules 4(2)(5), 5(5), 7(4), 8(4), 9(4), 10(7), 11(5), 14(9)]

FORM FOR FILING ANNUAL RETURNS

[To be submitted by producer/collection centre/manufacturer/dealers/refurbishers/Micro and Small Enterprises/ dismantler/recycler by 30th June following to the financial year to which that return relates].

Quantity in Metric Tonnes (MT) or Kilograms (Kg)per year

1	Name and address of the producer/ collection centre/ manufacturer/ dealer/ refurbishers/dismantler/recycler		
2	Name of the authorised person and complete address with telephone and fax numbers and e-mail address		
3	Total quantity e-waste sold/purchased/ sent for processing during the year for each category of electrical and electronic equipment listed in the Schedule I (Attach list)		
	Details of the above	TYPE	QUANTITY
3 (A)*	DEALERS: Quantity of e-waste sold/purchased/sent to:		
3(B)*	BULK CONSUMERS: Quantity of e- waste sold/ sent to:		
3(C)*	REFURBISHER: Quantity of e-waste purchased/sent to:		
3(A)*	DISMANTLERS: Quantity of e-waste in MT purchased & processed and sent to (category wise):		
3(B)*	RECYCLERS: Quantity of e-waste in MT purchased/processed (category wise):		
4	Name and full address of the destination with respect to 3 (A-B) above		
5	Type and quantity of materials segregated/ recovered from e-waste of different categories as applicable to 3(A) &3(B)	Type	Quantity

Note: The applicant shall provide details of funds received (if any) from producers and its utility with an audited certificate.

✓ Enclose the list of recyclers to whom e-waste have been sent for recycling.
*strike off whichever is not applicable

Place _____

Date _____

Signature of the authorised person

FORM -4

[see rule 7(1), 8(2), 14(1)]

APPLICATION FORM FOR REGISTRATION OF FACILITIES POSSESSING ENVIRONMENTALLY SOUND MANAGEMENT PRACTICE FOR DISMANTLING/RECYCLING E-WASTE

(To be submitted in triplicate)

1.	Name and Address of the unit			
2.	Contact person with designation, Tel./Fax			
3.	Date of Commissioning			
4.	No.of workers (including contract labour)			
5.	Consents Validity	a. Water (Prevention and Control of Pollution) Act, 1974; Valid up to _____ b. Air (Prevention and Control of Pollution) Act, 1981; Valid up to _____		
6.	Authorization validity	E-wastes (Management) Rules, 2015; Valid up to _____		
7.	Manufacturing Process	Please attach manufacturing process flow diagram for each product(s)		
8.	Products and Installed capacity of production in (MTA)	Products	Installed capacity (MTA)	
9.	Products manufactured during the last three years (as applicable)	Year	Product	Quantity
10.	Raw material consumption during the last three years (as applicable)	Year	Product	Quantity
11.	Water consumption	Industrial _____ m ³ /day Domestic _____ m ³ / day		
	Water Cess paid up to (if applicable)			
	Waste water generation as per consent _____ m ³ /day	Actual (avg., of last 3 months) Industrial _____ m ³		

		/day Domestic _____ m3 /day			
	Waste water treatment (provide flow diagram of the treatment scheme)	Industrial Domestic			
	Waste water discharge	Quantity _____ m3/day Location _____ Analysis of treated waste water for pH, BOD, COD, SS, O&G, any other parameter stipulated by SPCB/SPCC (attach details)			
12	Air Pollution Control				
	a. Provide flow diagram for emission control system(s) installed for each process unit, utilities etc.				
	b. Details for facilities provided for control of fugitive emission due to material handling, process, utilities etc				
	c. Fuel consumption	Fuel	Qty per day/month		
		(i)			
		(ii)			
	d. Stack emission monitoring	Stack attached to	Emission (SPM, SO ₂ , NO _x , Pb etc.) mg/Nm ³		
		(i)			
		(ii)			
	e. Ambient air quality	Location Results ug/m ³	Parameters SPM, SO ₂ , NO _x , Pb etc.) ug/m ³		
		(i)			
		(II)			
13	Waste Management:				
	a. Waste generation in processing e-waste	SNo	Type	Category	Qty
	b. Waste Collection and transportation (attach details)				
	c. Provide details of disposal of residue.	SNo	Type	Category	Qty
	d. Name of Treatment Storage and Disposal Facility utilized for				

	e. Please attach analysis report of characterization of hazardous waste generated (including leachate test if applicable)	
14	Details of e-waste proposed to be procured through sale, contract or import, as the case may be, for use as raw material	(i) Name (ii) Quantity required /year (iii) Basel Convention Number
15	Occupational safety and health aspects	Please provide details of facilities
16	Remarks:	
	Whether industry has provided adequate pollution control system / equipment to meet the standards of emission / effluent.	Yes/No If Yes, please furnish details
	Whether industry is in compliance with conditions laid down in the Authorization	Yes / No
17	Any Other Information of relevance: i) ii)	
	E-Waste Details	
18	Categories of e-wastes proposed to be collected/transported/dismantled/recycled as defined under the e-waste (Management) Rules 2015:	
19	Total Quantity e-waste handled collected/Transported/dismantled/recycled:	
20	Mode of storage within the plant:	
21	Method of treatment and disposal:	
22	Installed capacity of the plant:	
	Details of Facilities for dismantling:	
23	Details of decontamination facilities	
24	Details of manual dismantling facilities	
25	Details of de-dusting systems	

26	Details of mechanical dismantling facilities	
27	Details of CRT dismantling facility(Manuel/Mechanical) along with capacity in terms of CRT/hour	
28	Details of pollution Control Equipments	
29	Copy of Membership of TSDF facility	
30	Copy of agreement with Collection Center	
31	Copy agreement with Producer	
32	Details of storage for dismantled e-waste	
33	Copy of agreement with Recycler	
	Details of Facilities for Recycling	
34	Details of decontamination facilities	
35	Details of storage facility including area,	
36	Details of dismantling and segregation facilities	
37	Details of Shredding, Crushing, Grinding and other enrichment operations	
38	Details of Pyro/Hydro Metallurgical facilities	
39	Details of Electro-winning facilities	
40	Details of CRT dismantling facility(Manuel/Mechanical) along with capacity in terms of CRT/hour	
41	Details of pollution Control Equipments	
42	Copy of Membership of TSDF facility	
43	Copy of agreement with Collection Center	
44	Copy agreement with Producer	
45	Details of storage for Products	

II. Detailed proposal of the facility (to be attached) to include:

(Applicable to Dismantlers/Recyclers)

- (i) Location of site (provide map).
- (ii) Details of processing technology
- (i) Type and Quantity of waste to be processed per day
- (iv) Site clearance (from local authority, if any)
- (v) Utilization of the e-waste processed
- (vi) Method of disposal of residues (details to be given)
- (vii) Quantity of waste to be processed or disposed per day
- (viii) Details of categories of e-waste to be dismantled/processed
- (ix) Methodology and operational details
- (x) Measures to be taken for prevention and control of environmental pollution including treatment of leachates
- (xii) Investment on Project and expected returns
- (xiii) Measures to be taken for safety of workers working in the plant

III. Details of Facilities for storage/handling/recycling/dismantling:

IV. In case of renewal of registration, previous registration no. and date

I hereby declare that the above statements /information are true and correct to the best of my knowledge and belief.

Signature

Date: _____

Name: _____

Place: _____

Designation: _____

Form - 5
[see rule 18 (1)]

**FORM FOR ANNUAL REPORT TO BE SUBMITTED BY THE STATE
POLLUTION CONTROL BOARD/COMMITTEES TO THE CENTRAL
POLLUTION CONTROL BOARD**

To,

The Chairman,
Central Pollution Control Board,
(Ministry of Environment And Forests)
Government Of India,
'Parivesh Bhawan', East Arjun Nagar,
Delhi- 110 0032

1. Name of the State/Union territory :
2. Name & address of the State Pollution Control Board / Committee :
3. Number of authorised Producers, Collection Centres, registered Dismantler and Recyclers for management of e-waste in the State or Union territory under these rules :
4. Categories of waste collected along with their quantities on a monthly average basis: : Please attach as Annexure-I
5. A Summary Statement on Category wise and product wise quantity of e-waste collected : Please attach as Annexure-II
6. Mode of treatment with details : Please attach as Annexure-III
7. Brief details of collection, dismantling and recycling facilities : Please attach as Annexure-IV
8. Any other information :

9. Certified that the above report is for the period from
.....
.....

Date: _____

Place : _____

Chairman or the Member
Secretary
State Pollution Control Board/
Pollution Control Committee

Joint Secretary to Government of India
(F No. 23-71/2009-HSMD)
