



GOVERNMENT OF KERALA

**Abstract**

ENVIRONMENT DEPARTMENT—ELECTRONIC WASTES—COLLECTION AND  
DISPOSAL.—ORDERS ISSUED

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**ENVIRONMENT (B) DEPARTMENT**

G. O. (Ms.) No. 01/2014/Env. *Dated, Thiruvananthapuram, 1st January, 2014.*

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- Read:--*
1. D. O. letter No. 23-20/2007/HSMD dated 31-12-2008 from Sri R. H. Khwaja, Additional Secretary, MoEF, Government of India.
  2. Letter No. EMC/EED/2009/0396 dated 21-2-2009 from the Director of Energy Management Centre, Kerala.
  3. Letter No. CP/RES/GEN/2009-10/33 dated 14-5-2009 from Member (T&D), Kerala State Electricity Board.
  4. Letter No. EMAC/T3/155/2010 dated 15-3-2010 from the Director, EMAC.
  5. Letter No. PCB/TAC/E&F/218/06 dated 6-5-2011 from the Chairman, Kerala State Pollution Control Board.
  6. Minutes of the meeting held on 17-11-2011 on setting up of e-wastes management facilities in Kerala.
  7. Minutes of the discussion held on 17-2-2012 by Principal Secretary (Environment) regarding environmental activities to be overseen and regulated by LSGIs.

**ORDER**

The Ministry of Environment and Forests, Government of India has notified the e-wastes (Management and Handling) Rules, 2011, which came into effect from 1-5-2012. As per Section 3 thereof, the definition for 'Electrical and Electronic Equipment' is '*equipment which is dependent on electric currents or*

*electro-magnetic fields to be fully functional'* and the definition for 'e-waste' is '*waste electrical and electronic equipment, whole or in part or rejects from their manufacturing and repair process, which are intended to be discarded'*. Also in sub-rule (1) of rule 13 it is specified that "*Every producer of electrical and electronic equipment listed in schedule I shall ensure that, new electrical and electronic equipment 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 diphenyls ethers and of 0.01 % by weight in homogenous materials for cadmium shall be permitted."*

In sub-rule (3) of rule 13 it is specified that the sub-rule (1) of rule 13 shall not apply to components of electrical and electronic equipment manufactured or placed in the market six years before the date of commencement of these rules. These rules are applicable to the electrical and electronic equipment specified in schedule I. The applications listed in schedule II shall be exempted from provisions of sub-rule (1) of rule 13. This does not mean that schedule II is exempted from e-waste (Management and Handling) Rules, 2011. Putting the onus of re-cycling of electronics wastes (e-wastes) on the producers, the rules make the e-waste producers liable for recycling and reducing e-waste in the country. The rules cover discarded IT and telecoms equipment and consumer electrical goods and encompass the concept of Extended Producers' Responsibility or the 'Polluter Pays Principle' which as applicable in relation of e-wastes, makes the producers to take responsibility for the disposal of end-of-life products. Personal Computer manufacturers, mobile handset makers and the white goods makers will be required to come up with e-waste collection centers or introduce 'take back' systems. These rules will apply to every producer, and bulk consumer involved in manufacture, sales, purchase and processing of electronic equipment or components.

2. According to the 2011 Census around 32.6% of the households in Kerala have both land line and mobile phone connectivity, while the national average is only 11.7%. Kerala has 20.4% computer connectivity, as against national average of 18.7%. e-wastes are fast becoming a major solid waste stream in the State. Among them Compact Fluorescent Lamps (CFL) and Fluorescent Tube Lights (FTL) engage special attention and disposal tactics due to the mercury contained in them. The following types of wastes are generated from the fluorescent lamp sector:

- (i) Glass Waste (with and without mercury)
- (ii) Waste phosphor powder
- (iii) Waste mercury (in liquid and vapour phase)
- (iv) Waste electronic and plastic components.

Compact Fluorescent Lamps (CFL) and Fluorescent Tube Lights (FTL) due to its mercury content pose health risk if handled carelessly, as mercury may enter living systems causing irreversible damages and may even prove to be fatal. The CPCB guidelines specify that the waste generated at the manufacturers end shall be stored and treated/recycled either in a recycling unit at the production site or any authorized Lamp Recycling Unit and all hazardous waste thereof shall be sent to Treatment, Storage and Disposal Facility (TSDF) set up as per the Hazardous Wastes (Management and Transboundary) Rules, 2008. Mercury emissions are strictly controlled during the manufacturing stage of CFL&FTL and stringent measures should be followed by units at the time of disposal of hazardous wastes containing mercury. At present fused CFLs /FTLs are posing a difficult situation to manage by local bodies since it is being dumped into municipal solid waste dumping sites very carelessly by the public and is endangering public health. This situation has warranted the Government to evolve a proper procedure to collect fused CFLs/FTLs and dispose them of scientifically and safely. The way forward for consumers would be turning in old mercury lamps of all types particularly conventional Fluorescent Tube Lights and CFLs to ensure proper transport and disposal availing the service of the Ministry of Environment authorized agencies for collection and storage of e-wastes, avoiding situations creating direct contact of broken CFLs and FTLs by users and others.

3. Since Kerala doesn't have an e-waste disposal plant, the waste goes into the unorganized market for crude dismantling, recovery and reuse. This create several occupational health hazards. As the State's consumption pattern increases, scientific management of e-waste becomes very critical. The problem of e-waste has been growing rapidly in the State and the end users especially offices and residents are facing practical difficulties in disposing of them in an environmentally sound manner.

4. In the matter of safe collection, storage, transportation and scientific disposal of the e-wastes generated in the State, Government issue the following orders for strict and urgent compliance by all concerned:

- (i) Producers of e-wastes shall be responsible for collection, transportation and disposal in the prescribed manner, of all e-wastes generated by them or bought back by them from consumers under the 'Extended Producer Responsibility' either directly or through authorized agents. The e-wastes thus collected shall be delivered to authorized recyclers by the producers themselves, under appropriate arrangements.
- (ii) Consumers of branded electrical and electronic equipments which have become 'e-wastes' may return it to the producer either through invoking 'EPR' or dispose it through local collection mechanisms if any arranged for by Local Self Government Institutions, in the manner ordered in para 4(v) below.
- (iii) The State Pollution Control Board shall take steps to get the firms dismantling or recycling within the State to be registered and to have consents for operation and scientific disposal of the e-wastes collected.
- (iv) The Board, Department of Environment and Climate Change and Kerala State Council for Science Technology and Environment shall include management and disposal as above of e-wastes, in the integrated environment awareness programmes being organized by them and in the environmental programmes being sponsored by them.
- (v) There are several items which do not have EPR facility, for which special arrangements need to be made. Municipal Solid Waste (Management and Handling) Rules 2000 mandates municipal bodies to provide proper collection, treatment and disposal facilities for Municipal Waste Management (MSW) including segregation of toxic materials and substances. Often broken CFLs and FTLs are put up in the house hold solid wastes harming those who collect the same and those handling it at disposal facilities. As proper collection, storage and transportation of e-wastes is of direct consequence to the LSGIs they may provide the required basic facility for house hold level segregated collection and local storage of e-wastes to be taken to reprocessing units by registered agencies. Local Self Government Institutions may provide the minimum required storage facilities for the e-wastes to be collected from the ward level residential/commercial areas and those segregated from the MSW

and also facilities for centralized collection of e-wastes from the local collection centers. Kudumbasree units could be engaged for door-to-door collection of segregated e-wastes including electrical appliances, CFL and FTL. Forward linkages are now available for collection from central collection points in urban areas, to be taken to dismantling and disposal units.

- (vi) Space may be arranged near local markets or landed properties owned by LSGIs, from where the wastes can be collected and stored at a central collection point for each LSGI, to be taken delivery of by the accredited state level agencies for collection and transportation and disposal or to collect and transport to centralized disposal facilities. The question of payment of some monetary incentives to those who collect income generating e-wastes from house holds, by the state level agencies to be engaged can also be considered, for which the LSGIs providing space for centralized storage may negotiate with such agencies.
- (vii) Some recyclers extend the facility of entering into agreement with corporate and Government organizations to collect, transport and dispose of e-wastes. They may also give incentive for the types of e-wastes which will provide them income on reprocessing. Each category may have different rate depending on its recyclable value. Usually the following e-wastes are eligible for payment by registered recyclers/authorized collection agents.

#### **Waste Electronic/Electrical Material**

CPUs, Laptops, Servers, Telecom networking switching Stations, Printed Circuit Boards etc.

Monitors, Scanners, Fax, CRTs, Photocopy, Telephones, Washing Machines, Vaccum Cleaners, Card Readers, Swipe machine, Fans, AC etc.

Plastic Waste, Printers, CD Drivers, Storage devices, Thump drivers, Power control units, 10 device, Key Boards, Mouse. Plastics Parts, Hand sets, Chargers, Calculators etc.

Metal Waste, Speakers, Multimedia, Electrical Items (Regulators, Meters, Switches, Starters, Chokes, Wires, and Cables, etc.), CPU cabinets, other electrical parts

#### **Disposal Procedure**

Dismantling,  
Segregation  
after Destruction/Re-  
cycling

- (viii) In respect of other such as floppies, LCDs, Toner Cartridges, Transformers, Condensers containing cooling oils, FTLs, CFLs, bulbs, batteries (other than Lead Acid Batteries) which do not generate income on disposal, those contracting collection and removal may have to give service charges, as the registered recyclers have to pay charges to the Hazardous Wastes Disposal Facilities for final disposal of these wastes. The formalities may be negotiated with contracting agencies.

5. LSGIs and Pollution Control Board shall ensure that the e-wastes are not incinerated or carelessly dumped in public places, and are not disposed of by any person/firm in any manner not approved as per the e-wastes (Management and Handling) Rules 2011, and not mixed with Municipal Solid Wastes to be processed in SWM plants.

6. LSGIs shall strive to set up models for door to door collection, local and centralized storage facilities and arrangements with registered recyclers or their duly authorized agents for transportation and disposal of e-wastes in their jurisdiction.

7. Arrangements for management and disposal of e-wastes shall be a mandatory stipulation in all sanctions, licenses, permits and consents for producers, distributors, bulk consumers of e-wastes such as IT firms, hospitals and EPR mandates shall be strictly enforced wherever applicable.

8. The buy back/take back system of electronic goods like Compact Fluorescent Lamps (CFL) and Fluorescent Tube Lights (FTL), Computer systems etc; by the producer shall be a mandatory condition in all the tenders being floated by Government Departments, Public sector undertakings, Boards and Corporations.

9. The State Pollution Control Board may institute, a State level pollution Control Award to the Local Self Government Institutions (3 tier) doing commendable e-waste collection and dispatch service.

10. Pollution Control Board, Biodiversity Board and the Directorate of Environment and Climate Change may include environmental issues and hazards due to non-scientific disposal of e-wastes in their awareness programmes for students and general public.

11. Collection centres of e-wastes at all levels shall be covered, and secured from rain water, to avoid contamination, before being transported to the dismantling and disposal units elsewhere.

By order of the Governor,

P. K. MOHANTY,  
*Additional Chief Secretary.*

ANNEXURE

I. List of Authorized Recyclers.

II. List of duly appointed agents for collection.

To

The Chairman, Kerala State Pollution Control Board.

The Director, Environment and Climate Change.

All Heads of Departments.

Secretaries of all District Panchayats.

All Corporations, Municipalities (through Director of Urban Development).

All Grama Panchayats (through Director of Panchayats).

The Director, Energy Management Centre, Sreekaryam-695 017.

The Member (T&D), Kerala State Electricity Board, Pattom,

Thiruvananthapuram-4.

The Managing Director, Kerala State Industrial Development Corporation,  
Vellayambalam, Thiruvananthapuram-3.

The Registrar, University of Kerala

The Registrar, Cochin University of Science and Technology, University of  
Calicut-673 635.

The Registrar, Mahatma Gandhi University, Kottayam-686 560.

The Registrar, Sree Sankaracharya University of Sanskrit, Kalady-680 574.

The Registrar, Kerala Agricultural University, Vellanikara, Thrissur-680 656.

The Registrar, Kannur University, Mangattuparamba, Kannur-670 567  
The Registrar, Fisheries University, Panangad, Kochi.  
The Registrar, Kerala Veterinary and Animal Sciences University, Pookode,  
Wayanad.  
The Registrar, Kerala University of Health and Allied Sciences, Thrissur-680 596.  
The Chief Executive Officer, Technopark, Thiruvananthapuram-695 581.  
The Chief Executive Officer, Cyberpark, Nellicode, Kozhikode-673 016.  
The Chief Executive Officer, Infopark, Kakkanad-682 030.  
The Executive Chairman and Director, Information Kerala Mission,  
Pangapara-695 581.  
The Director, Kerala Institute of Local Administration, Thrissur-680 581.  
The Director, Kerala State IT Mission, Thiruvananthapuram-695 033.  
The Executive Director, Kudumbasree State Poverty Eradication Mission,  
Medical College P. O., Thiruvananthapuram-695 011.  
The Executive Director, Suchitwa Mission, Panavila Junction,  
Thiruvananthapuram-695 014.  
The Managing Director, KELTRON, Thiruvananthapuram-695 033.  
The Managing Director, Kerala State IT Infrastructures Ltd., Technopark-695 581.  
Local Self Government Department.  
Information Technology Department.  
Public Relations Department.  
Power Department.  
Industries Department.  
General Administration (HK) Department.  
Office Copy/Stock File.



## ANNEXURE I

**List of Registered E-Waste Dismantler/Recycler in the country**

<i>Sl. No.</i>	<i>State</i>	<i>Number of Registration Recycler</i>	<i>Name and Address</i>
(1)	(2)	(3)	(4)
1	Andhra Pradesh	2 Unit	<p>1. <b>M/s. Earth Sense Recycle Private Limited</b>, Plot No. 37, APIIC Industrial Park, Mankhal, Maheshwaram Mandal, Rangareddy District—AP <b>(1,800 MTA)</b></p> <p>2. <b>M/s. Ramky E-Waste Recycling Facility</b> (Ramky Enviro Engineers Ltd.), Plot No. 25 A, Hardware Park, K. Raviryal (V), Maheshwaram (M), R. R. Dist-500 081 <b>(10,000 MTA)</b></p> <p><b>Total—11,800 MTA</b></p>
2	Chhattisgarh	1 Unit	<p>1. <b>M/s. Navrachna Recycling Pvt. Ltd.</b>, Plot No. 1 B, Somni Industrial Area, Dist.-Rajnandgaon-491 441 (C.G)</p> <p><b>(03 Tonnes/Day)</b></p>
3	Gujarat	5 Unit	<p>1. <b>ECS Environment Ltd.</b> ECS House, 11-12 Garden View, Opp. Auda Garden, Sindhu Bhawan road, Off SG Highway-Pakwan Circle, Bodakdev, Ahmedabad-380 054 <b>(5000 MTA)</b></p> <p>2. <b>E-coli Waste Management P. Ltd</b> Plot No.-90 TO 92 Sabar Industrial Park P. Ltd. Vill-Asal Ta-Bhiloda Dist-Sabarkantha Himmatnagar <b>(6012 MTA)</b></p>

(1)	(2)	(3)	(4)
			<p>3. <b>E-Process House</b>, Plot No. 136/F-1. 2nd Phase, GIDC, Dist. Valsad VAPI 396 195 <b>(350 MTA)</b></p> <p>4. <b>Pruthvi E-Recycle Pvt. Ltd.</b> Plot No. 31/32 Golden Industries Area Near Rolex Industries Vill-Kothariya RAJKOT <b>(1069.2 MTA)</b></p> <p>5. <b>ECS Environment Ltd. (Unit 2)</b>, Block No. 24 Paiki, Vill- Vautha, Ta- Dholka, Dist-Ahmedabad <b>(4999.92 MTA)</b></p> <p><b>(Total Capacity—17431.12)</b></p>
4	Haryana	7 Unit	<p>1. <b>M/s. 3R Recyclers</b>, Plot No. 266, Sector-8, IMT Manesar Gurgaon <b>(1800 MTA)</b></p> <p>2. <b>M/s. Green World International</b>, vill. Kherkhi, Danla Sihi, Sikanderpur Road, Delhi Jaipur Highway, Gurgaon <b>(1600 MTA)</b></p> <p>3. <b>M/s. Green Vortex Waste Management (P), Ltd.</b>, P. No. 177/7, IMT, Manesar, Gurgaon <b>(1500 MTA)</b></p> <p>4. <b>M/s. A2Z E-Waste Management Ltd.</b>, P. No. 14 and 15-Roz Mec Industrial Area, Nuh Mewat <b>(10000 MTA)</b></p> <p>5. <b>M/s. Giriraj Metal</b>, P. No. 39 HSIIDC, IE, Kutana, Rohtak <b>(2000 MTA)</b></p>

(1)	(2)	(3)	(4)
			<p>6. <b>M/s. Earth Waste Management (P) Ltd.</b> Khewat No. 769, Khatoni No. 923, Kila No. 163/12/1/1/1, Sampla-Beri Road Vill-ismaila-11, Tehsil- Sample, Distt.-Rohtak <b>(600 Tone Per Annum)</b></p> <p>7. <b>M/s. Earth Sense Recycle Pvt. Ltd.,</b> Plot No. 225, Sector-VI, IMT Manesar, Gurgaon, HARYANA-122 051 <b>(1200 MTA)</b></p> <p><b>Total = (18700 MTA)</b></p>
5	Karnataka	27 Unit	<p>1. <b>M/s. Ash Recyclers,</b> UNIT-II, Shed No.B-3, KSSIDC Industrial Estate, Hoskote, Bangalore-562 114 <b>(120 MTA)</b></p> <p>2. <b>M/s. E- Parisara Pvt. Ltd.</b> Plot No. 30-P3, KIADB Industrial Area, Dabaspeta, Nelamangala Taluk, Bangalore Rural District- 562 111 <b>(8020 MTA)</b></p> <p>3. <b>M/s. E-Warrrd &amp; Co.,</b> No. 6/1B, 14th Cross Hosur Main Road, Bommanahalli, Bangalore-560 068 <b>(600 MTA)</b></p> <p>4. <b>M/s. K. G. Nandani Enterprises,</b> #46/4, 46/5, Billakempanahalli Village, Bidadi Hobli, Ramanagar (Taluk &amp; District), Pin-562 109, Karnataka State <b>(7,200 MTA)</b></p>

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(1)	(2)	(3)	(4)
			5. <b>M/s. ECO-BIRDD Recycling Company; Pvt. Ltd.</b> No. 185, Azeez Sait Industrial area, Nayandahalli, Mysore Road, Bangalore-560 039 <b>(350 MTA)</b>
			6. <b>M/s. Ameena Enterprises,</b> C-199, KSSIDC Industrial Estate, Hebbal Mysore-570 017 <b>(560 MTA)</b>
			7. <b>M/s. Royal Touch,</b> No. 3/2, Ezickle Industrial Estate, Ward No.94, K.G. Halli, AC Post, Nagavara Main Road, Bangalore-560 045. <b>(90 MTA)</b>
			8. <b>M/s. Trackon E-waste Recyclers Pvt. Ltd,</b> No. 28, Gerupalya, 2nd Phase, Kumbalgodu Industrial Area, Bangalore-560 074 <b>(300 MTA)</b>
			9. <b>M/s. Afeefa Spectro Alloys,</b> Sy.No. 289/1, Nagaragere Village, Gauribidnur Tq, Chikkaballapura Dist. <b>(300 MTA)</b>
			10. <b>M/s. H. M. G. Eco care Recyclers Pvt. Ltd.,</b> No. C-22, 3rd cross, KSSIDC Industrial Estate, Kumbalgodu, Mysore Road, Bangalore-560 074. <b>(300 MTA)</b>
			11. <b>M/s. E-Scrappy Recyclers,</b> No.106, Andrahalli Main Road. Byreshwara Industrial Area, Peenya 2nd stage, Bangalore-560 058 <b>(300 MTA)</b>

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(1)	(2)	(3)	(4)
			12. <b>M/s. Sriram Eco Raksha Computer Services Pvt. Ltd.</b> No. B-29, KSSIDC Indl. Estate, Bommasandra, Hosur Road, Anekal Taluk, Bangalore-560 099 <b>(500 MTA)</b>
			13. <b>M/s. FA Enterprises, B-8,</b> Tamaka, Kaida, Industrial Area, Kolar, Karnataka-563 101 <b>(100 MTA)</b>
			14. <b>M/s. E-R3 Solutions Pvt.</b> <b>Ltd-C-430, 1st Cross, Behind</b> Peenya Police Station, 1st Stage Peenya Industrial Area, Peenya Bangalore-560 058, <b>(1,20,000</b> <b>No's/A)</b>
			15. <b>M/s. Trishyirya Recycling India</b> <b>Pvt. Ltd., No. 315, 4th Phase,</b> Peenya Industrial Estate, Bangalore-560 058 <b>(500 MT/A)</b>
			16. <b>M/s. Tech Logic Unit-2, Shed No.</b> 36, 2nd Main, Ranganathapura, Bangalore-560 044 <b>(240 MTA)</b>
			17. <b>M/s. Samarthanam Trust for</b> <b>the Disabled, No. 66. 6th Main,</b> 3rd Phase, Peenya Industrial Area, Bangalore-560 058. <b>(9.978 MTA)</b>
			18. <b>M/s. Sai Recyclers, No. 20,</b> KSSIDC Industrial Estate, Bhashettihalli, Versandara Post, Doddaballapura Town & Taluk, Bangalore Rural District. <b>(300 MTA)</b>

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(1)	(2)	(3)	(4)
			19. <b>M/s. Nobel Technology</b> , No. 46, 14th Cross, 4th Phase, Peenya Industrial Area, Bangalore-596 058 <b>(300 MT/A)</b>
			20. <b>M/s. Cerebra Integrated Technologies Ltd</b> , Plot No. 422/2, 11th cross, 4th phase, 2nd stage, Peenya Industrial Area, Bangalore-560 058 <b>(600 MTA)</b>
			21. <b>M/s. Ecovision Recycling</b> , No. D-65, Veerasandra Industrial Area, Hosur Road, Bangalore-34. <b>(300 MTA)</b>
			22. <b>M/s. Arrow Systems</b> , No. SM 3, 4th Phase, 3rd stage, Peenya Industrial Area, Bangalore-560 058. <b>(120 MTA)</b>
			23. <b>M/s. Digicomp Complete Solutions Ltd</b> , No. 86, Ground floor, 3rd cross, New Timber yard layout, Mysore Road, Bangalore-560 026 <b>(180 MTA)</b>
			24. <b>M/s. Eco E-waste Recyclers India Pvt. Ltd</b> , Shed No. 26, No. 41/1, 42/2, 2nd cross, Mutachari Industrial Estate, Mysore Road, Bangalore-99 <b>(300 MTA)</b>
			25. <b>M/s. Hindustan Computers</b> , No. V3 & V4, KIADB Industrial Area, Tamaka, Kolar. <b>(100 MTA)</b>
			26. <b>M/s. Rashi E-Waste</b> : No. 52/170 & 171, 6th Cross, Aziz Sait Industrial Town, Nayandahalli Post, Bangalore-560 039 <b>(300 MTA)</b>

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(1)	(2)	(3)	(4)
			<p>27. <b>M/s. E-Waste Managers</b>, Plot No. C-311, 9th Cross, 1st Stage, Peenya Industrial Estate, Bangalore-58</p> <p>Total = <b>(23079.98 MTA)</b></p>
6	Maharashtra	18 Unit	<p>1. <b>M/s. Earth Sense Recycle Pvt. Ltd.</b>, A-7, Gala No. 1, 2 &amp; 3, Ground Floor, Prena Complex, Anjur Phata, Vill: Val, Tal: Bhiwandi Dist: Thane <b>(360 MT/A)</b></p> <p>2. <b>M/s. Eco Friend Industries</b>, A-205. TTC Industrial Area, Pawane Village, Thane Belapur Road, Navi Mumbai-400 710. <b>(1000 MT/A)</b></p> <p>3. <b>M/s. Just Dispose Recycling Pvt. Ltd.</b> A-103, 104, 110, 119, Arvind Industrial Estate, Navghar, Tal: Vasai, Dist:Thane <b>(500 MT/A)</b></p> <p>4. <b>M/s. Mercury Metal Industries</b>, Plot No. D-48, MIDC Mahad. Tal: Mahad, Dist: Raigad, Maharashtra <b>(250 MT/A)</b></p> <p>5. <b>Sabbir Traders</b> Plot No. 999 (7), Karivali Narayan Kutir Udyog Mandal, Village Adivali, Tal. Panval, Dist. Raigad <b>(240 MT/A)</b></p> <p>6. <b>Eco Recycling Limited</b>, Eco House, Near Top Glass Enclave, Bhoipada Vasai (East), Dist. Thane <b>(7200 MT/A)</b></p> <p>7. <b>M/s. Hi-Tech Recycling India (P) Ltd.</b>, S No.-571/572, Near Silver Court Hotel, A/P: Bhigaon. Tal: Mulshi, Dist: Pune, Maharashtra <b>(500 MT/A)</b></p>

(1)	(2)	(3)	(4)
			8. <b>Green World Recycling</b> Vill: Val, Pritesh Complex, Building No. B-12, Gala No. 7, 8 Anjur Phata, Village: Val, Tal: Bhiwandi, Dist. Thane <b>(1000 MTA)</b>
			9. <b>E-Recon Recycling</b> Gat No. 94, Chitegaon, Tal: Paithan, Dist : Aurangabad <b>(1000 MTA)</b>
			10. <b>M/s. Ecocentric Management Pvt. Ltd.</b> , Survey No. 25, Plot No. 43, Arkose Ind. Estate, Vill: Dheku, Tal: Khalapur, Dist: Raigad <b>(1200 MTA)</b>
			11. <b>M/s. Clean Tech.</b> B/8, Gali No. 3, Parasnath Indl. Estate, Anjur Phata Road. Village Val, Tal. Bhiwandi, Dist. Thane <b>(2000 MTA)</b>
			12. <b>M/s. Arihant E-Recycling Ltd.</b> , Gat No. 307/1, Shada Road, Dodaiacha Tal: Sindkheda, Dist: Dhule <b>(360 MTA)</b>
			13. <b>M/s. Z-Tronics Infratel Pvt. Ltd.</b> , Survey No: 103, Gala No. 538, 539 At Village: Pimpari, Post; Dahisar, Tal & Dist: Thane <b>(4000 MTA)</b>
			14. <b>M/s. Kesariyaji Recyclers</b> , Bldg. No. B-3, Gala No. 13, Pritesh Complex, Vill: Val: Bhiwandi, Dist, Thane <b>(600 MTA)</b>
			15. <b>M/s. Green Valley E-waste Management Pvt. Ltd.</b> , Pritesh Complex, Bldg. No. A-7, Gala No. 7, Anjurphata, Dapoda Road, Val: Vill: Val, Tal. Bhiwandi Dist: Thane <b>(240 MTA)</b>



(1)	(2)	(3)	(4)
			<p>16. <b>M/s. Indian Scrap Traders</b>, Ghusia Market, Gala No. 661, Vill: Pimpari, Post: Dahisar Dist: Thane <b>(240 MTA)</b></p> <p>17. <b>M/s. Go-Green Recycling</b> Plot No. 32, Sec. 1 A , Service Industrial Area, Koparkhairne, Navi Mumbai <b>(240 MTA)</b></p> <p>18. <b>M/s. Hari International</b> Shree Parasnath Complex, Unit No. 6, Bldg, No. D-4, Anjur Phata, Dapoda Road, Vill, Val, Tal: Bhinawdi Dist: Thane <b>(240 MTA)</b></p> <p><b>Total = 21,680 MTA</b></p>
7.	Madhya Pradesh	1 Unit	1. <b>M/s. Unique Echo Recycle</b> , Plot No. 26, Industrial Area, Palda, Indore (MP) <b>(6000 MTA)</b>
8.	Rajasthan	6 Unit	<p>1. <b>M/s. Green Escape Eco Management Pvt. Ltd.</b>, Unit - I, H-1-472, MIA, Alwar, Rajasthan-301 030 <b>(450 MTA)</b></p> <p>2. <b>M/s. Greenscape Eco Management Pvt. Ltd.</b>, Unit - II F-588 to 591 MIA, Alwar, Rajasthan <b>(60,000 MTA)</b></p> <p>3. <b>M/s. K.G. Metalloys</b>, F-37-38, RIICO Industrial Area, Ondela Road, Dholpur, Rajasthan-328 001 <b>(1800 MTA)</b></p> <p>4. <b>M/s. Deshwal E-waste Recycler</b>, G-147A, IID, Khuskhera, Tehsil Tijara, Distt. Alwar <b>(750 MTA)</b></p>

(1)	(2)	(3)	(4)
			<p>5. <b>M/s. Green Leaf recycling Industries</b>, G-166-167, West part RIICO Industrial Area, Bagru (Ext.) The Sanganer, Distt. Jaipur (1380 MTA)</p> <p>6. <b>M/s. ETCO E-Waste Recycler Pvt. Ltd.</b>, D-117 1st Floor Ambabari, Jaipur (750 MTA)</p> <p><b>Total = 65130 MTA</b></p>
9.	Tamil Nadu	11 Unit	<p>1. <b>M/s. Trishyiraya Recycling India Pvt. Ltd.</b>, Plot No. A-7, Phase-I, MEPZ-SEZ, Tambaram, Chennai-600 045 (740 MTA) <b>Validity: 23-4-2014</b></p> <p>2. <b>TES AMM Private Limited</b>, Plot No.A-18, SIPCOT Industrial Growth, Centre Oragadam, Panruti 'A' Village. Sriperumpudur, Kanchipuram District, Tamil Nadu-630 304 (30000 MTA) <b>Validity: 23-4-2014</b></p> <p>3. <b>M/s. Global E-waste Management and Services (GEMS)</b> R.S. No. 222/3. Plot No.147/A, Neervallur-Village, Kancheepuram Taluk, Kancheepuram District, Tamil Nadu -631 (387 MTA) <b>Validity: 23-4-2014</b></p> <p>4. <b>M/s. Victory Recovery &amp; Recycle Technologies India Pvt. Ltd.</b>, 672/2, Doubal Dragon Industrial Park, Kannur Village &amp; Post Kottaiyur, Thiruvallur District, Tamil Nadu -602 108 (6000 MTA) <b>Validity: 23-4-2014</b></p>

(1)	(2)	(3)	(4)
			5. <b>M/s. Ultrust Solutions (India) Pvt. Ltd., S.F.No. 297/1B, Pappankuppam Village, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu (1500 MTA) Validity: 24-4-2014</b>
			6. <b>M/s. INAA Enterprises, Plot No.AC31/24, SIDCO Industrial Estate, Thirumudivakkam, Sriperumpudur Taluk, Chennai-600 044 (300 MTA) Validity: 16-5-2014</b>
			7. <b>M/s. AER world wide (India) Pvt. Limited, 774, Elandhancheri, Sadayan Kuppam, Village Manali New Town, Thiruvallur Distict. Validity: 4-6-2014</b>
			8. <b>M/s. SEZ Recyclers, Acenue, Mahindra World City Develpers Ltd., Industrial Park, Thenmelpakkam, Kancheepuram District. Validity: 17-8-2014</b>
			9. <b>M/s. Trittech Systems, Porur Village, Ambattur Taluk, Thiruvallur Distirct Validity: 1-10-2014</b>
			10. <b>M/s. Shri Raaam Recycling, SIDCO Industrial Estate, Gummidipoondi, Tiruvallur Taluk and Tiruvallur Distirict Validity: 16-10-2014</b>
			11. <b>M/s. Green R2 Re-Processors Pvt. Ltd., Plot No. 19, TASS Industrial Estate, Ambattur, Chennai-98 Validity: 18-10-2014</b>
			<b>Total = (38,927 MT/A)</b>

(1)	(2)	(3)	(4)
10.	Uttar Pradesh	15 Unit	<ol style="list-style-type: none"> <li data-bbox="954 321 1593 506">1. <b>M/s. Auctus - E Recycling Solutions Pvt. Ltd., F-637, M. G. Road, Industrial Area, Ghaziabad (1800 MTA)</b></li> <li data-bbox="954 531 1593 667">2. <b>Mahaluxmi Metal Alloys (India) Pvt. Ltd., Modinagar, Ghaziabad (600 MTA)</b></li> <li data-bbox="954 693 1593 785">3. <b>M/s. N. K. Products, 58-59, M. G. Road, Ghaziabad (9000 MTA)</b></li> <li data-bbox="954 810 1593 995">4. <b>Greentek Raman Pvt. Ltd., Plot No. B-2/12, Site-B, Surajpur, Industrial Area, Greater Noida (9000 MTA)</b></li> <li data-bbox="954 1020 1593 1157">5. <b>M/s. Sims Recycling India Pvt. Ltd., S. D. F. J5-6, NSEZ Noida (1000 MTA)</b></li> <li data-bbox="954 1182 1593 1367">6. <b>Halcyon Electrotech Pvt. Ltd., Plot No. - 118, Udyog Kendra -2, Ecotech -3, Greater Noida (660 MTA)</b></li> <li data-bbox="954 1392 1593 1535">7. <b>Intarvo Formulae Recyclers Services Pvt. Ltd., B-45, Sector-80, Phase-II, Noida (7000 MTA)</b></li> <li data-bbox="954 1560 1593 1696">8. <b>M/s. TIC Group India Pvt. Ltd., J. 2 &amp; J-6, SDF, Block-1, NSEZ, Noida (1000 MTA)</b></li> <li data-bbox="954 1722 1593 1858">9. <b>M/s. Khan Traders, B-5, Site No. 4, Panki Industrial Area, Kanpur (7190 MTA)</b></li> <li data-bbox="954 1883 1593 2020">10. <b>M/s. J. B. N. Metals, 30/41/1A, Rakabganj Road, Chipi Tola, Agra (8000 MTA)</b></li> </ol>

(1)	(2)	(3)	(4)
			<p>11. <b>E-Waste Recyclers India</b>, E-50, UPSIDC, Industrial Area, Kosi, Kotvan, Mathura (6000 MTA)</p> <p>12. <b>S. R. Metcast India Pvt. Ltd.</b>, Agra (600 MTA)</p> <p>13. <b>M/s. N. R. J. Traders</b>, Agra (8000 MTA)</p> <p>14. <b>M/s. Metal Alloys</b>, E-46, Industrial Area, Ramnagar, Varansi (1500 MTA)</p> <p>15. <b>M/s. Faiz Recycling</b>, Plot No. S-7, Industrial Area, Sikandrabad, Bulandshahar (9000 MTA)</p> <p>Total = (70,350 MT/A)</p>
11.	Uttarakhand	3 Unit	<p>1. <b>M/s. Attero Recycling Pvt. Ltd.</b>, 173, Village Bhagwanpur, Raipur Industrial Area, Roorkee, Dist. Haridwar, Uttarakhand (12000 MTA)</p> <p>2. <b>M/s. Bharat Oil and Waste Management Ltd.</b>, Mauza Mukimpur, Roorkee-Lakshar Road-Roorkee Dist. Haridwar- 247 664 (10000 MTA)</p> <p>3. <b>M/s. Saleem Trakeers</b>, Inder Road Dalanwala, Dehradun (150 MTA)</p> <p>Total = 22,150 MTA</p>
12.	West Bengal	1 Unit	<p>1. <b>M/s. J. S. Pigments Pvt. Ltd.</b>, Vill. &amp; P.O.- Jarura, P.S.- Polba, Dist. Hooghly, Pin-712 138 (600 MTA)</p>

**List of duly appointed agents for collection**

1. Al Ameen Industries, South Vahakkulam, Aluva, Ernakulam.
  2. Venad Steel Corporation, T. C. 52/1888, Near Maryland Studio, Vellayani, Nemom, Thiruvananthapuram-20.
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