

EPR Plan

5. Estimated generation of Electrical and Electronic Equipment waste item-wise and estimated collection target for the forthcoming year in the form of Table 2 including those being generated from their service centres, as given below:

Table 2: Estimated generation of Electrical and Electronic Equipment waste item-wise and estimated collection target for the forthcoming year

Sr. No.	Item	Estimated waste electrical and electronic equipment generation Number	Targeted collection Number (May 17-Mar 18)	Targeted collection Weight (MT) (May 17-Mar 18)
1	Refrigerator	1305621	359046	13780
2	Washing Machine	398654	109630	2768
3	Air-conditioners excluding centralised air conditioning plants	56142	15439	722

6. Extended Producer Responsibility Plans:

- We will devise a collection mechanism which may include take-back through dealers, collection points or directly through authorised dismantlers/recyclers.
- We will also have an arrangement of collection of e-waste from individual consumers and bulk consumers as well.
- We will publicize our collection system which may include details of our collection points, bins linked to collection points, for making collection system effective and workable.
- The take - back system will be provided, it would be accessible to any citizen located anywhere in the country and will be provided through retailers/dealers or through service centres.
- Customer awareness through various modes.
 - Contact by customer showing intent to part with appliance
 - Pick up by collection agency from the customer (to be identified)
 - Taking units to collection points (Identified)
 - Move the collected appliances to recycling units (to be identified)

➤ We will provide consumer/ bulk consumer following details of take-back system:

(i) Link of our web site www.whirlpoolindia.com

(ii) Toll free number 18002081800 will be available during working hours (10 A.M. to 6 P.M.) for consumers / bulk consumers.

(iii) Phone number/mobile numbers 60008558 and 18601804558 will be available for grievance redressal in case, toll free number is not working.

Dedicated call center number which can give awareness and uniform Information Dissemination to customers about our collection points and our collection agency (as and when we finalize the same) We are still working the details of partners/ agencies to work with.

(iv) Details of dealers, retailers, collection points/bins/pick up vans linked to collection points for depositing of e-waste by the consumer/bulk consumers if they are part of the take-back system

We will begin with piloting in some large states and basis our learning, we will expand to ~20 states where we have our collection Points

The copies of agreement documents with dealers have not been provided as we will incorporate e-waste clause in future agreements.

(v) Details of any incentive scheme for consumers / bulk consumers for returning of e-waste

We have not frozen any specific scheme like buy back, exchange etc. However surely all such ideas will be considered as we move ahead and we may use a combination of these from time to time

(v) Details of authorised dismantlers/recyclers who can take-back e-waste on behalf of the producer if dismantlers/recyclers are part of take-back system

Mahalaxmi Metalloys India P. Ltd.
Khasra No. 87,91 & 92,
Sikheda Road, Industrial Area,
Delhi Meerut Road, Modi Nagar
Ghaziabad 201204.

Agreement attached

➤ We will maintain data base of consumers while selling Electrical and Electronic Equipment (EEE) so that consumers/ bulk consumers can be approached for collection of e-waste / end of life products.

➤ We will store the e-waste for a period not exceeding one hundred and eighty (180) days and will maintain a record of collection, sale, transfer and storage of wastes and make these records available for inspection.

➤ We will ensure storage of end of life products in a manner which does not lead to breakage of these products and safe to workers handling such products.

- During storage of e-waste care will be taken to avoid damage to refrigerators and air-conditioner so as to prevent release of refrigerant gases such as CFC, HFS, HCFC etc. and to prevent spillage of oils (mineral or synthetic oil) and other emissions.
- Loading, transportation, unloading and storage of E-Waste / end of life products would be carried out in such a way that its end use such as re-use after refurbishing or recycling or recovery is unaffected.
- The storage area would have fire protection system in place.
- Collection point are part of E-waste channelisation, and we will leverage current infrastructure . The list of collection points are as per **Annexure 1**.
- Collection points will collect e-waste on behalf of us. Collection points established by us will be managed by us, dismantler and recycler having agreement with us.
- The collection points/bins will be at designated places where e-waste can be collected from residential areas, office complexes, commercial complexes, retail outlets, customer care stores, educational and research institutions, resident welfare associations (RWAs). These collection points will have to be part of our collection and channelisation plan.
- Material from collection points would be send only to the authorised dismantlers and Recyclers

(b) Provide the list with addresses along with agreement copies with dealers, collection points, recyclers, Treatment, Storage and Disposal Facility, etc. under your scheme.

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7. Estimated budget for Extended Producer Responsibility and allied initiatives to create consumer awareness.

We are still in the process of finalizing the partners and the approach and there is very little knowledge/ expertise available to quantify the budget estimates for this area. hence the numbers given are very tentative and will get firmed up as the time progresses.

Estimated Budget for:

7(i) Awareness	Rs.50 Lakh
7(ii) Specific Collection Schemes	Rs.300 Lakh
7(iii) Collection Centres (We will leverage current infrastructure)	Nil
7(iv) Channelisation (Including cost of reverse logistics)	Rs. 100 Lakh
7(v) Recyclers/Dismantlers	Nil
7(vi) ROHS testing	Rs. 50 Lakh

7(vii) Any other schemes

To be worked out

8. Details of proposed awareness programmes.

We will create awareness through various media campaigns Inclusion of E-waste information in printed materials. Special awareness campaigns through Call centres/Collection points The specific details are still being worked out, we would look forward for inputs from PRO/ agencies that we will work with to frame final plan on how to go ahead

Budgetary allocation for:

8(i) & (ii) Details of Publications & Advertisements	Rs. 40 Lakh
8(iii) Posters	Rs. 5 Lakh
8(iv) Number of workshops	Rs. 3 Lakh
8(v) Training programme	Rs. 2 Lakh

9. Details for Reduction of Hazardous Substances compliance (to be filled if applicable):

(a) Whether the Electrical and Electronic Equipment placed on market complies with the rule 15 (1) limits with respect to lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls and polybrominated diphenyl ethers;

Attached

(b) Provide the technical documents (Supplier declarations, Materials declarations/Analytical reports) as evidence that the Reduction of Hazardous Substances (RoHS) provisions are complied by the product based on standard EN 50581 of EU;



(Authorised Signatory)

LIST OF COLLECTION POINTS

Sr.No.	Location	Warehouse Address	State	Name	Mob No.
1	Palwal RDC	M/s S.B Movers P Ltd 44 KM Miles Stone, Villag Softa , Mathura Road Palwal, Faridabad-121102	HARYANA	R L CHOUDHARY	9212710362
2	Jaipur	M/s Adarsh Marketing Plot No.G-857 A & G-857 B, Road No.14 N, VKI Area, Jaipur-302013	RAJASTHAN	KISHAN	9214420138
3	Chandigarh	182/66 Industrial Area, Ph-I Chandigarh	CHANDIGARH	PRITPAL	9216877830
4	Jammu	GR Industries Plot No 71, Ph-III , Indust Area Gangyal , Jammu	J & K	Yogesh	9796447711
5	Parwano	Khatoni No.20/22, Khasra No.754/1,755,756/1, Village Dangyar , Opposite S.K. Industries, Sec-2, Parwanoo (HP)-173220	HIMACHAL PRADESH	SHARMA	8894541321
6	Banur	KHATAUNI NO 111/124, KHASRA NO 5295(4-0),5296(4-0),10481/5297(1-4) KHATAUNI NO 115/129 ,113/127 , 114/128 KHASRA NO 10481/5297(2-12) TEHSIL BANUR/280, S.A.S (SAHIBZADA AJIT SINGH) NAGAR, DIST MOHALI - PIN 140601.	PUNJAB	OM PRAKASH	9216877828
7	Delhi-51	M/s DHARAMSONS MARKETING P LTD. KHASRA NO.166-169, VILLAGE BUDHPUR, Bijapur Delhi.-36	DELHI (UT)	H.S.HARMA	9212710498
8	Delhi-58	Khasra No , 22/17/1 & 22/14 village Budhpur, Bijapur Tehsil, Alipur, Dist North, Delhi-110082			
9	Lucknow	M/s Sutyalaxmi Enterprises Pvt. Ltd 19.8 Km Stone , Kanpur Road, Lucknow-227101	UTTAR PRADESH	PRAVEEN	9235624045
10	Ghaziabad	Plot No.262/3, Opposite Indus Tubes Ltd. Bishnoli Ghaziabad, Bulandshar Road, Gautam Budh Nagar, UP-203207	UTTAR PRADESH	JOSE	9266660711
11	Dehradun	Raman Badoni, 11/12 Mohabewala Ind Area ,Subhash Nagar, Saharanpur Road Dehradun-248001	UTTARAKHAND	SURENDRA	9719415353
12	Dehradun	Khasra No.7, Mauza, Mahbewala Paragana Central Doon City Distt-Dehradun, Uttranchal.			
13	Pune RDC	Section W, Dolphin Warehouse, Gat No. 294, Village Khandale Ranjangaon, Tal. Shirur, Dist.Pune-412207	MAHARASHTRA	SUNIL TAMHANE	9665693009
14	Bhiwandi	Gala No.1A to 5B Built in PEB Building No.C, Survey No.22/1. 22/2 & 22/3, Shakambari Logistics Park, Pipe Pipeline Road, Village Lonad, Tal-Bhiwandi, Dist-Thane, Maharashtra-421302	MAHARASHTRA	NITIN	9967272078
15	Goa	C M M Logistcics Pvt. Ltd. Plot No U2B, Phase 4, Verana Industrial Estate Verana Salcete, Goa- 403722	Goa	VISHAVNATH	9823060374
16	Nagpur	100/2, VILLAGE NIMJI, TAL-KALMESHWAR, DIST :- NAGPUR-441501	MAHARASHTRA	NILESH KHODE	9881493753
17	Indore	WHIRLPOOL OF INDIA LTD 279-281, KAILOD HALA , SDA -1 COMPOUND, DEWAS NAKA, INDORE -452010	MADHYA PRADESH	MOHAN CHOUDHARY	9826339134
18	Ahmedabad	Survey No. 2528/2529/2530 Umiya Estate			

		Plot No.669 & 770, National Highway No.8, A/P Palsana, Taluka - Palsana, Distt - Surat, Gujarat - 394315	GUJARAT	HITESH PAREKH	9227406697
19	Surat	Plot No.669 & 770, National Highway No.8, A/P Palsana, Taluka - Palsana, Distt - Surat, Gujarat - 394315	GUJARAT	HITESH PAREKH	9227406697
20	Raipur	WHIRLPOOL OF INDIA LTD Sharda Estate Compus, Infront of Volkswagen Show Room, Ring Road No. 1, Sarona, Raipur (C. G.) 492010	CHATTISGARH	RAJ JETHWA	9826662688
21	Kolkata RDC	Shriram Ware Housing Pvt Ltd Chamrail, Near India Oil Petrol Pump,NH-06 P.O. Liluah,Dist,Howrah-711114	WEST BENGAL	SATYEN GUPTA	9836005522
22	Bhubaneswar	Plot No. 96 & 97, Khata No.595, Mouza - Rudrapur, P.S.Balianta, Tehsil Bhubaneswar-752101	ORISSA	MUKESH ANAND	9238312372
23	Guwahati	BHAGYA KALITA COMPOUND, PASCHIM BORAGAON, Moza Jalukbari, District Kamrup,NH-37 GUWAHATI-781033	ASSAM	PARAMESH	9435304715
24	Patna	Plot No.563, 511, 1313, 4210, 1345, 1259, 1355, 1253, 1268, 1256, 1252, 1292, Khata No.816,642,936,1262,1212,1214,1294,1249, Beside Mahavir Cancer Sansthan, Phulwari Sharif, Patna, Bihar	BIHAR	MUKESH MOHAN	9304710003
25	Ranchi	R.S.Pot No.203, Sub Plot No.203/AA, Khata No.182,Thana No. & Name:216-Namkum, Village: Bargawa, NH-33, Ranchi Jamshedpur Highway, District Ranchi.	JHARKHAND	SATYENDRA KUMAR VERMA	9386710003
26	Chennai	Sur.No.57/1, Thiruvallur High Road, Old Alamathi, Eswaran Koil Road, Alamathy, Chennai - 600052 7/482, THIRUVALLUR HIGH ROAD, OLD ALAMATHI VILLAGE , RED HILLS , CHENNAI - 600052	TAMIL NADU	SURESH	9944407865
27	Madurai	Survey No.38/1A1, 38/1A2 AND 38/2A, Siruvalai Pirivu, Kumaram Post, Kumaram, Madurai-6250128.	TAMIL NADU	SURESH	9944954488
28	Salem	NTL Logistics India Pvt Ltd, Survey No.48/1A3, Ramalingapuram Post, Chinnagoundapuram Village, Behind AVS College of Arts and Science, Vazhapadi-Taluk, Salem-636106.	TAMIL NADU	P JAMAL	9244103866
29	Cochin	Kalamassery Municipality No.IV/27A and IV/27B, Thrikakkara North Village, KALAMASSERY, COCHIN 683104	KERALA	KISHAN	9249590270
30	Mallapuram	V P GODOWN, BUILDING NO.IV/502 -B,Near Spinning Mill, CHELAMBRA,Chelembra(PO) Via Ramanattukara, MALLAPURRAM,(DT) KERALA,673634.	KERALA	SARAT SETHI	9048306906
31	Bangalore	Survey No.29/2, kempalinganahalli village Kasaba hubli, Nelamangala Taluk Bangalore-562123	KARNATAKA	SURESH	7353819893
32	Hubli	Survey No. 150/1, 152/1 Gabbur Industrial Area Gabbur Village, Hubli,Karnataka	KARNATAKA	ANAND	9916153246
33	Hyderabad	Survey No.578 and 581, Rampally Dayara, Keesara Mandal, Rangareddy District, Telangana-501301	TELANGANA	PHALGUN	9000366888
34	Guntur	R S No. 172/1 and 173/1C Thakkelpadu Village, Peddakakani Mandal, Guntur Dist, Andhra Pradesh.	ANDHRA PRADESH	MURALI	9246593767