

AWARENESS

E-Waste EPR Rule (2022)

E-Waste EPR Rules (2022) Ensuring that your business is in compliance with the upcoming E-Waste EPR Rule (2022) is not just a legal requirement, it's also essential for the growth and prosperity of your enterprise. Ignoring these regulations could result in serious consequences but with the right compliance management strategy in place. Your business can thrive in a sustainable manner while contributing to a cleaner and healthier environment.

As a producer of EEE, It is your responsibility to ensure that e-Waste is channelized through an authorised Recycler VIA and Effective EPR System.

All producers, manufacturers, bulk consumers and importers are required to obtain EPR authorisation, making it a mandatory process.

Non –Compliance of these rules will attract heavy fines and criminal action on the brand producers. In Fact, there can be a ban on the production of products.

Categories as per e-Waste - 2016

Sr. No.	Categories of electrical and electronic equipment	EEE Code	Average Life
i.	Information technology and telecommunication equipment		
	Centralized data processing :	ITEW1	
	Mainframe		10 Years
	Minicomputer		5 Years
	Personal Computing : Personal Computers (Central Processing Unit with input and output devices)	ITEW2	6 Years
	Personal Computing : Laptop Computers(Central Processing Unit with input and output devices)	ITEW3	5 Years
	Personal Computing : Notebook Computers	ITEW4	5 Years
	Personal Computing : Notepad Computers	ITEW5	5 Years
	Printers including cartridges	ITEW6	10 Years
	Copying equipment	ITEW7	8 Years
	Electrical and electronic typewriters	ITEW8	5 Years
	User terminals and systems	ITEW9	6 Years
	Facsimile	ITEW10	10 Years
	Telex	ITEW11	5 Years
	Telephones	ITEW12	9 Years
	Pay telephones	ITEW13	9 Years
Cordless telephones	ITEW14	9 Years	
Cellular telephones	ITEW15		
Feature phones		7 Years	
Smart phones		5 Years	
Answering systems	ITEW16	5 Years	
i	Consumer electrical and electronics :		
	Television sets (including sets based on Liquid Crystal Display and Light Emitting Diode technology)	CEEW1	9 Years

	Refrigerator	CEEW2	10 Years
	Washing Machine	CCEW3	9 Years
	Air-conditioners excluding centralized air conditioning plants	CCEW4	10 Years
	Fluorescent and other Mercury containing lamps	CEEW5	2 Years

Draft Average life proposed for the notified Electrical and Electronic Equipment (EEE) items under the E-Waste (Management) Rules, 2022			
Sl.NO.	Categories of electrical and electronic equipment	Electrical and Electronic Equipment code	Average Life in years
(i)	Information technology and telecommunication equipment:		
1.	Products or equipment of Transmitting sound, images or other information by Telecommunications	ITEW17	i. Bluetooth enabled devices
			ii. Telecommunication Antenna's
			iii. Transmitters
			iv. Walkie talkie
			v. Wi-Fi/wireless enabled Devices
			vi. Radio/Satellite Telephone
2.	BTS (all components excluding structure of tower)	ITEW18	15
3.	Tablets, I-PAD	ITEW19	5
4.	Phablets	ITEW20	5
5.	Scanners	ITEW21	5
6.	Routers	ITEW22	10
7.	GPS	ITEW23	5
8.	UPS	ITEW24	5 - up to 2 KVA
			7 - >2KVA
9.	Inverter	ITEW25	5 - up to 2 KVA
			7 - >2KVA
10.	Modems	ITEW26	5
11.	Electronic data storage devices	ITEW27	5 - for flash drives (small devices)
			10 - for large devices like Servers
(ii)	Consumer Electrical and Electronics and Photovoltaic Panels:		
12.	Screen, Electronic Photo frames, Electronic Display Panel, Monitors	CEEW6	7
13.	Radio sets	CEEW7	8

14.	Set top Boxes	CEEW8	8	
15.	Video Cameras	CEEW9	5	
16.	Video Recorders	CEEW10	5	
17.	Hi-Fi Recorders	CEEW11	5	
18.	Audio Amplifiers	CEEW12	7	
19.	Other products or equipment for the purpose of recording or reproducing sound or images including signals and other technologies for the distribution of sound and image by telecommunications	CEEW13	CCTV Camera with DVR & NVR	7
			Digital sound and video recorder and player	7
			Others products or equipment for the purpose of	7
Sl.NO.	Categories of electrical and electronic equipment	Electrical and Electronic Equipment code	Average Life in years	
20.	Solar panels/cells, solar Photovoltaic panels/cells/modules.	CEEW14	15	
21.	Luminaires for fluorescent lamps with the exception of luminaires in households	CEEW15	2	
22.	High intensity discharge lamps, including pressure sodium lamps and metal halide lamps	CEEW16	2	
23.	Low pressure sodium lamps	CEEW17	2	
24.	Other lighting or equipment for the purpose of spreading or controlling light excluding filament bulbs	CEEW18	3 - LED used by Consumers	
			5 - LED used for Professional purpose	
25.	Digital camera	CEEW19	5	
(iii)	Large and Small Electrical and Electronic Equipment			
26.	Large cooling appliances	LSEEW1	10	
27.	Freezers	LSEEW2	10	
28.	Other large appliances used for refrigeration, conservation and storage of food	LSEEW3	10	
29.	Clothes dryers	LSEEW4	10	
30.	Dish Washing Machines	LSEEW5	10	
31.	Electric cookers	LSEEW6	5	
32.	Electric stoves	LSEEW7	5	
33.	Electric hot plates	LSEEW8	5	
34.	Microwaves, Microwave Oven	LSEEW9	7	

35.	Other large appliances used for cooking and other processing of food	LSEEW10	10
36.	Electric heating appliances	LSEEW11	8
37.	Electric radiators	LSEEW12	7
38.	Other large appliances for heating rooms, beds, seating furniture	LSEEW13	7
39.	Electric fans	LSEEW14	15
40.	Other fanning, exhaust ventilation and conditioning equipment	LSEEW15	10
41.	Vacuum cleaners	LSEEW16	10
42.	Carpet sweepers	LSEEW17	10
43.	Other appliances for cleaning	LSEEW18	10
44.	Appliances used for sewing, knitting, weaving and other processing for textiles	LSEEW19	7
45.	Iron and other appliances for ironing, mangling and other care of clothing	LSEEW20	5
SI.NO.	Categories of electrical and electronic equipment	Electrical and Electronic Equipment code	Average Life in years
46.	Grinders, coffee machines and equipment for opening or sealing containers or packages	LSEEW21	7
47.	Smoke detector	LSEEW22	10
48.	Heating Regulators	LSEEW23	5
49.	Thermostats	LSEEW24	5
50.	Automatic dispensers for hot drinks	LSEEW25	7
51.	Automatic dispensers for hot or cold bottles or cans	LSEEW26	7
52.	Automatic dispensers for solid products	LSEEW27	10
53.	Automatic dispensers for money	LSEEW28	10
54.	All appliances which deliver automatically all kinds of products	LSEEW29	10
55.	Indoor air purifier	LSEEW30	10
56.	Hair dryer	LSEEW31	3
57.	Electric shaver	LSEEW32	3
58.	Electric kettle	LSEEW33	5
59.	Electronic display panels/board/visual display unit	LSEEW34	5
(iv)	Electrical and Electronic Tools (With the exception of large- Scale Stationary Industrial Tools)		
60.	Drills	EETW1	8
61.	Saws	EETW2	10
62.	Sewing Machines	EETW3	15

63.	Equipment for turning, milling, sanding, grinding, sawing, cutting, shearing, drilling, making holes, punching, folding, bending or similar processing of wood, metal and other materials	EETW4	10
64.	Tools for riveting, nailing or screwing or removing rivets, nails, screws or similar uses	EETW5	10
65.	Tools for welding, soldering, or similar use	EETW6	10
66.	Equipment for spraying, spreading, dispersing or other treatment of liquid or gaseous substance by other means	EETW7	10
67.	Tools for mowing or other gardening activities	EETW8	10
(v)	Toys, Leisure and Sports Equipment		
68.	Electrical trains or car racing sets	TLSEW1	2
69.	Hand-held video games consoles	TLSEW2	2
70.	Video games	TLSEW3	2
71.	Computers for biking, diving, running, rowing, etc.	TLSEW4	3
72.	Sports equipment with electric or electronic components	TLSEW5	5
73.	Coin slot machines	TLSEW6	8
(vi)	Medical Devices (With the Exception of All Implanted and Infected Products)		
74.	Radiotherapy equipment and accessories	MDW1	20
Sl.NO.	Categories of electrical and electronic equipment	Electrical and Electronic Equipment code	Average Life in years
75.	Cardiology equipment and accessories	MDW2	10
76.	Dialysis equipment and accessories	MDW3	10
77.	Pulmonary ventilators and accessories	MDW4	Diagnostic Cardiology 7 Anaesthesia & Respiratory 10
78.	Nuclear Medicine Equipment and accessories	MDW5	20
79.	Laboratory equipment for in vitro diagnosis and accessories	MDW6	15
80.	Analysers and accessories	MDW7	10
81.	Magnetic Resonance Imaging (MRI), Positron Emission Tomography (PET) Scanner, Computed Tomography Scanner, & Ultrasound Equipment along with accessories	MDW8	MRI 20 PET CT/PET 20 SPECT CT/ SPECT 20 CT 20 US 7
82.	Fertilization tests equipment and accessories	MDW9	10
83.	Other electric appliances/equipment/kits used for preventing, screening, detecting, monitoring, evaluating, reviewing, examining, investigating,	MDW10	Maternal & Infant care products 7

	probing, treating illness sickness, disease, disorder, affliction, infection, injury, trauma, abuse or disability including the Mobiles, Tablets or any other device with the features having the potential of sex selection and their accessories	C-Arm	7
		Monitoring Solution products/High end	15
		X-ray and fluoroscopy	10
		Mammography devices	10
		Other electric appliances/equipment/kits used for preventing, screening, detecting, monitoring, evaluating, reviewing, examining, investigating, probing, treating illness sickness, disease, disorder, affliction, infection, injury, trauma, abuse or disability including the Mobiles, Tablets or any other device with the features having the potential of sex selection and their accessories	7
(vii)	Laboratory Instruments		
84.	Gas analyser	LIW1	8
85.	Equipment having electrical and electronic components	LIW2	8

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