



E-Waste Management System

Portal under E-Waste (Management) Rules, 2022



Notified Electrical & Electronic Equipment



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



Sr. No.	Categories of electrical and electronic equipment	EEE Code	Average Life
20	Refrigerator	CEEW2	10
21	Washing Machine	CEEW3	9
22	Air-conditioners excluding centralized air conditioning plants	CEEW4	10
23	Fluorescent and other Mercury containing lamps	CEEW5	2
24	Products or equipment of Transmitting sound, images or other information by Telecommunications and Bluetooth enabled devices - Smart Watch/ Fitness Band, Bluetooth Headset, Virtual Reality Camera, etc	ITEW17	3
25	Products or equipment of Transmitting sound, images or other information by Telecommunications – Telecommunication Antenna	ITEW17	7
26	Products or equipment of Transmitting sound, images or other information by Telecommunications – Transmitters	ITEW17	5
27	Products or equipment of Transmitting sound, images or other information by Telecommunications - Wi-Fi/wireless enabled Devices	ITEW17	3
28	Products or equipment of Transmitting sound, images or other information by Telecommunications – Radio/Satellite Telephone	ITEW17	7
29	walkie talkie	ITEW17	5
30	BTS (all components excluding structure of tower)	ITEW18	15
31	Tablets, I-PAD	ITEW19	5
32	Phablets	ITEW20	5
33	Scanners	ITEW21	5
34	Routers - Routers, Access Point and Controller, LAN Switches, SDWAN, IoT Gateway, etc	ITEW22	10
35	GPS	ITEW23	5
36	UPS -upto 2 KVA	ITEW24	7
37	UPS -greater than 2 KVA	ITEW24	10
38	INVERTER -upto 2 KVA	ITEW25	7
39	INVERTER -greater than 2 KVA	ITEW25	10

Sr. No.	Categories of electrical and electronic equipment	EEE Code	Average Life
40	Modems	ITEW26	5
41	ELECTRONIC DATA STORAGE DEVICES FOR FLASH DRIVE (SMALL DEVICES)	ITEW27	5
42	ELECTRONIC DATA STORAGE DEVICES FOR LARGE DRIVE LIKE SERVER	ITEW27	10
43	Screen, Electronic Photo frames, Electronic Display Panel, Monitors	CEEW6	7
44	Radio sets	CEEW7	8
45	Set top Boxes	CEEW8	8
46	Video Cameras	CEEW9	10
47	Video Recorders	CEEW10	5
48	Hi-Fi Recorders	CEEW11	5
49	Audio Amplifiers- Speakers, Multi Media Speaker, Home Theatre, Sound Bar, Wireless Speaker etc	CEEW12	10
50	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 - CCTV Camera with DVR & NVR	CEEW13	7
51	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 – Projector	CEEW13	7
52	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 - Digital sound and video recorder and player	CEEW13	7
53	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 - Others 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	7

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54	HDCOM USED FOR VIDEO CONFERENCING	CEEW13	10
55	Solar panels/cells, solar Photovoltaic panels/cells/modules.	CEEW14	15
56	Luminaires for fluorescent lamps with the exception of luminaires in households	CEEW15	2
57	High intensity discharge lamps, including pressure sodium lamps and metal halide lamps	CEEW16	2
58	Low pressure sodium lamps	CEEW17	2
59	Other lighting or equipment for the purpose of spreading or controlling light excluding filament bulbs -LED BULBS/TUBES/CONSUMER LUMINARIES & CONSUMER LED DRIVES	CEEW18	4
60	Other lighting or equipment for the purpose of spreading or controlling light excluding filament bulbs - PROFESSIONALS LUMINARIES & DRIVES	CEEW18	8
61	Digital camera	CEEW19	5
62	Large cooling appliances	LSEEW1	10
63	Freezers	LSEEW2	10
64	Other large appliances used for refrigeration, conservation and storage of food	LSEEW3	10
65	Clothes dryers	LSEEW4	10
66	Dish Washing Machines	LSEEW5	10
67	Electric cookers	LSEEW6	7
68	Electric stoves	LSEEW7	7
69	Electric hot plates	LSEEW8	5
70	Microwaves, Microwave Oven	LSEEW9	10
71	Other large appliances used for cooking and other processing of food	LSEEW10	10
72	Electric heating appliances	LSEEW11	10
73	Electric radiators	LSEEW12	7
74	Other large appliances for heating rooms, beds, seating furniture	LSEEW13	7
75	Electric fans	LSEEW14	10

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76	Other fanning, exhaust ventilation and conditioning equipment	LSEEW15	10
77	Vacuum cleaners	LSEEW16	10
78	Carpet sweepers	LSEEW17	10
79	Other appliances for cleaning	LSEEW18	10
80	Appliances used for sewing, knitting, weaving and other processing for textiles	LSEEW19	7
81	Iron and other appliances for ironing, mangling and other care of clothing - Dry iron	LSEEW20	15
82	Iron and other appliances for ironing, mangling and other care of clothing - Steam Iron/Garment Steamer	LSEEW20	10
83	Grinders, coffee machines and equipment for opening or sealing containers or packages	LSEEW21	10
84	Smoke detector	LSEEW22	10
85	Heating Regulators	LSEEW23	5
86	Thermostats	LSEEW24	5
87	Automatic dispensers for hot drinks	LSEEW25	7
88	Automatic dispensers for hot or cold bottles or cans	LSEEW26	7
89	Automatic dispensers for solid products	LSEEW27	10
90	Automatic dispensers for money	LSEEW28	10
91	All appliances which deliver automatically all kinds of products	LSEEW29	10
92	Indoor air purifier	LSEEW30	10
93	Hair dryer	LSEEW31	5
94	Electric shaver	LSEEW32	5
95	Electric kettle	LSEEW33	5
96	Electronic display panels/board/visual display unit	LSEEW34	9
97	Drills	EETW1	8
98	Saws	EETW2	10
99	Sewing Machines	EETW3	15
100	Equipment for turning, milling, sanding, grinding, sawing, cutting, shearing, drilling, making holes, punching, folding,	EETW4	10

Sr. No.	Categories of electrical and electronic equipment	EEE Code	Average Life
	bending or similar processing of wood, metal and other materials		
101	Tools for riveting, nailing or screwing or removing rivets, nails, screws or similar uses	EETW5	10
102	Tools for welding, soldering, or similar use	EETW6	10
103	Equipment for spraying, spreading, dispersing or other treatment of liquid or gaseous substance by other means	EETW7	10
104	Tools for mowing or other gardening activities	EETW8	10
105	Electrical trains or car racing sets	TLSEW1	2
106	Hand-held video games consoles	TLSEW2	2
107	Video games	TLSEW3	2
108	Computers for biking, diving, running, rowing, etc.	TLSEW4	5
109	Sports equipment with electric or electronic components	TLSEW5	5
110	Coin slot machines	TLSEW6	8
111	Radiotherapy equipment and accessories	MDW1	20
112	Cardiology equipment and accessories	MDW2	10
113	Dialysis equipment and accessories	MDW3	10
114	Pulmonary ventilators and accessories - Diagnostic Cardiology	MDW4	7
115	Pulmonary ventilators and accessories - Anaesthesia & Respiratory	MDW4	10
116	Nuclear Medicine Equipment and accessories	MDW5	20
117	Laboratory equipment for in vitro diagnosis and accessories	MDW6	15
118	Analysers and accessories	MDW7	10
119	Magnetic Resonance Imaging (MRI), Positron Emission Tomography (PET) Scanner, Computed Tomography Scanner, & Ultrasound Equipment along with accessories - MRI	MDW8	15
120	Magnetic Resonance Imaging (MRI), Positron Emission Tomography (PET) Scanner, Computed Tomography	MDW8	20

Sr. No.	Categories of electrical and electronic equipment	EEE Code	Average Life
	Scanner, & Ultrasound Equipment along with accessories - PET CT/PET		
121	Magnetic Resonance Imaging (MRI), Positron Emission Tomography (PET) Scanner, Computed Tomography Scanner, & Ultrasound Equipment along with accessories - SPECT CT/ SPECT	MDW8	20
122	Magnetic Resonance Imaging (MRI), Positron Emission Tomography (PET) Scanner, Computed Tomography Scanner, & Ultrasound Equipment along with accessories - CT	MDW8	15
123	Magnetic Resonance Imaging (MRI), Positron Emission Tomography (PET) Scanner, Computed Tomography Scanner, & Ultrasound Equipment along with accessories and US, probe etc	MDW8	10
124	Magnetic Resonance Imaging (MRI), Positron Emission Tomography (PET) Scanner, Computed Tomography Scanner, & Ultrasound Equipment along with accessories - Computed Tomography	MDW8	20
125	Magnetic Resonance Imaging (MRI), Positron Emission Tomography (PET) Scanner, Computed Tomography Scanner, & Ultrasound Equipment along with accessories - Ultrasound Diagnostic Imaging	MDW8	10
126	Fertilization tests equipment and accessories	MDW9	10
127	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- Maternal & Infant care products	MDW10	7
128	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	MDW10	12

Sr. No.	Categories of electrical and electronic equipment	EEE Code	Average Life
	features having the potential of sex selection and their accessories- C-Arm		
129	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 - Monitoring Solution products/High end	MDW10	15
130	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 - X-ray and fluoroscopy	MDW10	12
131	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 - Mammography devices	MDW10	12
132	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 - 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,	MDW10	7

Sr. No.	Categories of electrical and electronic equipment	EEE Code	Average Life
	Tablets or any other device with the features having the potential of sex selection and their accessories		
133	Gas analyser	LIW1	8
134	Equipment having electrical and electronic components	LIW2	8



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