



E-FRONTLINE™

RECYCLING (P.) LTD.

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An ISO 9001:14001 & OHSAS 18001 Certified Co.

*A solution
for pollution*



who we are ?

*We are the first recycling, refining
& disposal facility of e-waste in
Gujarat certified by The Gujarat
Pollution Control Board (GPCB)
& Central Pollution Control Board
(CPCB) / Ministry of Environmental
and Forest Department (MOEF)*



about us...

- *We are the 1st recycling & refining facility of e-waste in Gujarat.*
- *We are one of the few companies in India, who are into recycling & refining of e-Waste Management.*
- *We are the waste management company successfully working in e-Waste sector since 15 years.*
- *We are currently working with some of the leading global players of e-waste management sectors.*
- *We are the team of highly dedicated and expert members from both formal & informal sectors.*
- *We are committed to process & dispose e- waste as per CPCB & SPCB guidelines and keeping environment safe.*
- *Our main objective is Progress without Pollution.*





Our Vision & Mission

vision

To serve the planet by providing employment to people in a green environment that will help in conserving the natural resources and assist in controlling the global e- waste problem by being a leading e-waste recycler & refiner in World.

To set up and operate a state of art environment eco friendly e-waste recycling & refining of disposable facility compliance to highest standards of quality, worker's safety with pollution control norms.

mission



what is **e-waste**

“ e-Waste means waste electrical & electronic equipment whole or in part or rejects from their manufacturing and repair process which are intended to be discarded ”

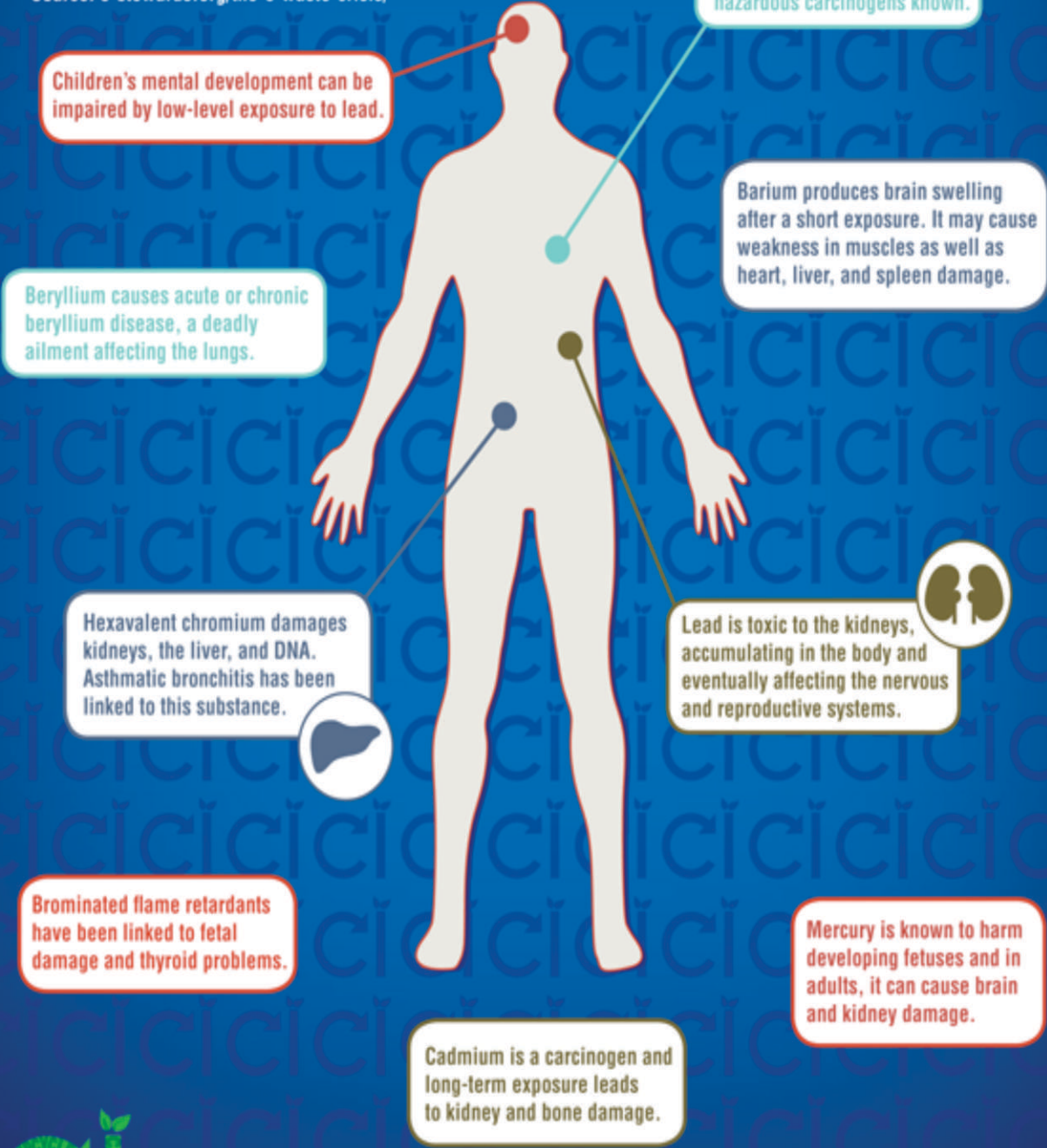
(e-waste Management & Handling Rule, 2011)



Hazards from e-waste ..

Electronic waste isn't just waste, it contains very toxic substances, that when burned at low temperatures create additional toxins such as halogenated dioxins and furans – some of the most toxic substances known to humankind. The toxic materials in electronics can cause cancer, reproductive disorders, endocrine disruption, and many other health problems.

Source: e-stewards.org/the-e-waste-crisis/



EFFECTS OF E-WASTE	CAUSED BY
Global Warming & CO2 emissions	Inefficient recycling, resulting in increased mining
Health Hazards	Improper e-waste handling
Air Pollution	Open burning
Water Pollution	Open dumping
Data Theft	Landfills
	Unsecure recycling in the unorganized sector









Classification of “e-waste” ?

According to European directives on e-waste the waste are classified as under:

S. No.	Category	Label
1	Large household Appliances	LARGE APPLIANCES
2	Small Household Appliances	SMALL APPLIANCES
3	IT & Telecommunications Equipment	IT / TELECOM
4	Consumer Electronic Equipment	CE
5	Lighting Equipment	LIGHTING
6	Electronics & Electrical Tools	E.E.T.
7	Toys, Leisure & Sports Equipment	TOYS
8	Medical Devices	MEDICAL DEVICES
9	Monitoring & Control Instruments	M.E.M&C
10	Automatic Dispensers	A D

what we do ?





-  We are the integrated e-waste processing facility equipped with all the 3 level of operation.
-  L-1 (Collection of e-waste and Manual Segregation)
-  L-2 (Dismantling of e-waste)
-  L-3 (Recycling and refining of metals from e-waste)



“ We are the end to end solution provider to e-waste disposal. ”



why we do ?

-  To transform the highly informal, illegal & hazardous e-Waste sector into formal and hazards free sector.
-  To assure minimum pollution and degradation of natural resources by implementing proper pollution control system and green technology.
-  To create employment for people working in highly hazardous condition in informal and illegal e-waste sector.
-  To provide proper safety measures and skill development training to people employed from informal sector to enhance their competencies and self respect.



e-Frontline v/s. Dismantlers

E- Frontline Recycling (P.) Limited	Dismantlers
Is a recycling and refining facility for e-waste	Is limited to dismantling of e -Waste only
end to end solution provider for e Waste	Have to tie up with recycling & refining facility of e- Waste for final disposal
Level 3 process	Limited to Level 1 & 2 only
World Class Technology for final disposal of e- Waste	-
Extensive pollution Control measures implementation i.e. separate decontamination & detoxification area	-
<i>Excellent monitoring and compliance system (ISO 9001:14001 & OHSAS 18001 Certification)</i>	-



services offered



- ✓ Data destruction & Data security
- ✓ Complete disposal of e-waste
- ✓ Certification of Destruction and Disposal.
- ✓ Supply Chain Management
- ✓ Reverse Logistics across Pan-India.
- ✓ To create members.



Do's & Don't....

Do's



- Assure plant visit before e-waste disposal.
- Dispose only to authorized e-waste facility.
- Disposal at more competent and advanced technology (L-3 Process) to one stop solution for e-waste.
- Proper tracking of e-waste after dispatch from premises.
- Assure proper disposal of Barcode, Serial No. BIOS of Computers/Laptops and hard disk to avoid misuse of e-waste.
- Implement Extended Producer's Responsibility (EPR).

Don't



- Pile the stock for more than prescribed limit.
- Over use the equipment after its life cycle completion.
- Sell it to unauthorized vendors for sake of monetary value.



Our Activities...



We organize regular e-waste awareness campaigns and seminars to spread information among the industries and people in general.



As per our company's policy we will employ a few physically /visually challenged in our work force.



We have planned to distribute some of our goods and products to government authorised NGOs.

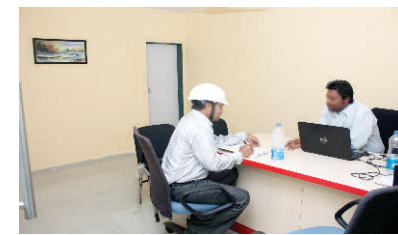




Images of our Plant



Operations





GREEN INDIA
CLEAN INDIA



E-FRONTLINETM
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