



Flat Panel Display recycling



A unique approach to recycling flat panel television and computer screens


recyclinglives™

Sustaining charity through metal and waste recycling

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The first flat panel processing centre in the country...

Recycling Lives has developed the first flat panel display unit processing centre in England and now accepts large quantities of FPD units at its specialist recycling centre.

The facility has been developed under the guidance of industry experts to ensure efficiency and safety when dealing with the toxic mercury vapours that prevent most companies from recycling FPD units.

The disassembly process for FPD units has been broken down into stages in order to increase the speed of unit handling and, when operating at full capacity, the facility can recycle up to 1000 units every day.



Speed and safety

At Recycling Lives' FPD processing facility, safety is top priority. The lighting tubes behind FPD screens can release toxic mercury vapours, so Recycling Lives has made significant investment into health and safety testing, sophisticated mercury analysing equipment and a specially designed mercury-safe dismantling room, as well as specialist protective equipment and training for staff.

Mercury isolation

Once staff in the main area of the recycling centre have removed the plastic and metal components from the FPD units, the remaining screen and mercury-filled fluorescent tubes enter the sealed mercury-safe FPD room on a conveyor belt.

The staff members working in the room are rotated regularly to minimise the strain caused by working in heavy face-masks and bodysuits. The air in the room is replaced once every sixty seconds and all mercury is treated, sucked out into a separate unit and stored away from all other areas in preparation for external recycling.

Health & Safety and Quality Assurance

Our busy recycling facilities are managed to ensure the highest standards of quality and safe working practices.

Recycling Lives is the proud holder of **ISO9001** Quality Management accreditation. This ensures all our processes are of a high standard and deliver optimum results for employees, consumers and customers.

We have also been awarded **ISO14001**. This is the environmental management system standard and demonstrates our commitment to reduce the environmental impact of Recycling Lives and to decrease the pollution and waste produced.



Find out more:



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