



MERCURY RECYCLING LIMITED

Recycling Lights The Way

A Complete Recycling Service for
Fluorescent Tubes, Lamps and Bulbs

The Alternative to Landfill



“Recycling the tubes is environmentally preferable to sending them to landfill, although it is more costly. But the landfill tax, the expected shortage of landfill sites, especially in the South East and the need to abide with European and UK Health and Safety and environmental legislation, is likely to push up the cost of landfill making recycling a more attractive long-term option.”

Angela Eagle MP
Environment Minister

“We no longer accept fluorescent tubes and other types of lighting at our landfill sites now that recycling technology and the return logistics infrastructure exists in this country.”

Peter Jones,
Director, Biffa Waste Services Ltd
Chairman, National Recycling Forum

Mercury Recycling Limited is the first UK company to provide a complete recycling service for fluorescent tubes, sodium lamps and other products containing mercury.

Proven technology

We use proven Swedish technology at our recycling plant in Manchester. The equipment separates the tubes' component parts and distills the mercurial powder to produce 99.98% pure mercury.



The separated components - namely glass, metals and mercury - are all reused in other industries.

The process is authorised by the Environment Agency with the first Integrated Pollution Control (IPC) licence of its type in the country.

A tale of Mercury

It has been known for many years that mercury, sometimes known as quicksilver, has toxic properties. The expression “Mad as a Hatter” comes from the twitching and dementia once common among hatters who used to dip felt into mercuric nitrate to soften it. It is undoubtedly the inspiration for the Mad Hatter character in Lewis Carroll’s “Alice in Wonderland”.

Key recycling benefits

- Minimises health and safety risks
 - Improves site housekeeping
 - Reduces your landfill waste
- Demonstrates best environmental practice
 - Fully meets 'Duty of Care' with site audit of process



How it works

We provide an initial clearance of your tubes and lamps backlog and, in addition, offer a range of purpose built containers for their safe storage.

You only have to collect and store unbroken fluorescent tubes and lamps. When full, we collect the whole container, delivering a replacement at the same time.

It's as simple as that.



Environmental impact

It is estimated some 60 million fluorescent tubes are used in the UK, along with about 30 million highway lamps. This equates to around 3,100 tonnes of material disposed to landfill, including some four tonnes of mercury.

Mercury is used in a wide variety of products including fluorescent tubes, sodium and mercury lamps, button cell batteries, dental amalgam, thermometers, manometers, pharmaceutical and agrochemical formulations, all resulting in mercurial waste.



As the mercury from one fluorescent tube can pollute 30,000 litres of water beyond a safe level for drinking, there are strong environmental reasons for recycling.



Companies who work with Mercury Recycling Limited

Akzo Nobel Decorative Coatings Ltd.

Andersen Consulting

Astra Charnwood

BASF plc

BFI Ltd.

Biffa Waste Services Ltd.

Bisto Foods Ltd.

Brisco Waste Disposal Ltd.

British Aerospace Regional Aircraft Ltd.

Caterpillar U.K. Ltd.

Cleanaway Ltd.

Contec Ltd.

The Co-Operative Bank plc

Daewoo Cars Ltd.

Edmundson Electrical Ltd.

GFE Electrical Wholesale Ltd.

Glaxo Wellcome plc

Greencare Ltd.

Grove Services Group

S. Grundon (Waste) Ltd.

Guildford Borough Council

H.J. Heinz Company Ltd.

Hepworth Heating Ltd.

Hereford City Council

Ideal Standard Ltd.

Lancashire Waste Services Ltd.

Leeds General Hospital

London Borough of Richmond upon Thames

Manchester Airport plc

Manchester University

Nortel plc

Nycomed Amersham plc

Osram Ltd.

Pfizer Ltd.

pH (Pollution Control) Ltd.

Powergen plc

Roche Products Ltd.

UK Waste Management Ltd.

UMIST

Van den Bergh Foods Ltd.

W F Electrical plc

Wigan Metropolitan Borough Council



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