



Recycling of Tubes, Globes and LED Lights

What are you doing with your Lighting Waste?

The mercury from one fluorescent tube can pollute 30,000 litres of water beyond a safe level of drinking.

1300 32 62 92
www.ecocycle.com.au

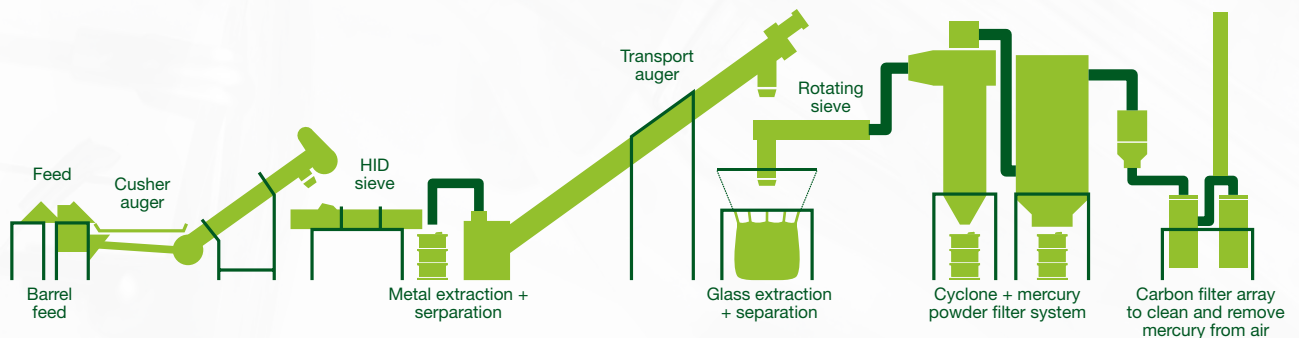


ecocycle
Your Specialist Recycler

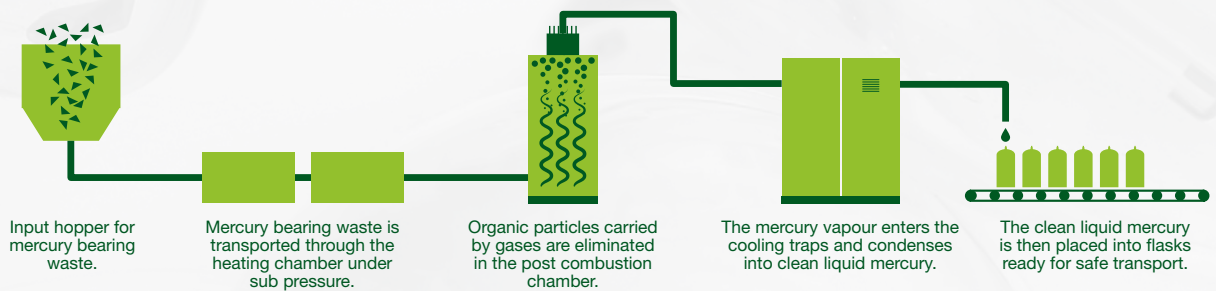
Did you know

Globally, mercury emissions result in the contamination of our waterways & bushland causing untold damage to the environment and human health.

Lighting waste processor



Continuois flow distiller



Recycling and Processing all lighting wastes, including LED lighting waste, keeping valuable materials out of our landfills

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Globe
Collection
Boxes



Recycle today for a better tomorrow...

Aluminium

Aluminium from tube ends is separated and subsequently recycled into cast products such as ingot used for foundry applications.

Glass

Glass from the tubes and lamps is separated and recycled into many industries.

Mercury

Mercury is distilled from the separated powders and then re-used in the manufacture of products like dental amalgam.

Phosphor Powder

Phosphor powder from the fluorescent tubes and globes still has a use due to its rare earth metal content.

The crush and separation technology; *flexible and efficient - cost effective*

At present mercury is used in products such as energy efficient fluorescent tubes and lamps, mercury zinc batteries and medical equipment. Mercury is also still widely used in dental applications.

Due to its high toxicity and tougher regulations governing its disposal, landfill and incineration are no longer acceptable ways to safely dispose of mercury waste.

Recovery and recycling is the only safe, efficient and effective way to reduce current levels of mercury in our environment.

Recycling these materials saves landfill space, reduces greenhouse gas production and safeguards our environment.

We all have a responsibility to promote and support recycling to ensure environmental sustainability.

Our strength is our ability to offer a whole solution for the handling and recycling of mercury bearing waste. The technology involves both the separation of different materials and the recovery of the mercury.

The first stage involves the crushing and separation with the second stage the distillation. Both involve state-of-the-art technology to offer you a safe and environmentally sound solution.

Crush and separation technology offers you the ability to recycle all types of fluorescent tubes and lamps. Our patented process of dry separation makes this a very clean and efficient method of processing mercury bearing waste and is proven against the toughest environmental standards worldwide.

We also handle and process all LED lighting waste, recycling and recovering the metals and plastics in this waste product.

This technology affords the ability to process many mercury bearing products such as halogen and fluorescent tubes and lamps, CFLs, HIDs, batteries, switches, rectifiers, manometers and thermometers. Our distiller can also handle medical and dental waste, filters, sludge, catalysts, powders, military waste and many other mercury bearing metals and production waste.

Keep our
environment
safe for future
generations

Join us by
supporting
recycling.



call 1300 32 62 92

Find Your Nearest Location

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SOUTH AUSTRALIA

Ecocycle

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Gillman SA 5013

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QUEENSLAND

Ecocycle

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Hemmant QLD 4174

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TASMANIA

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Ecocycle

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Derwent Park TAS 7009

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WESTERN AUSTRALIA

Ecocycle

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