

Attachment A

Non-technical summary

Introduction

Tonge Industries Limited, Unit 7, First Avenue, Cookstown Industrial Estate, Tallaght, Dublin 24 are applying for a Waste Licence for their activity at the aforementioned premises.

Established in 1946, Tonge Industries Ltd is a recycling and transformer specialist company, recycling all metals and waste oil at its dedicated site. At the plant, hardware, such as transformers, sub-stations, regulators are dismantled and metals reclaimed and segregated. Oil from the equipment is sucked into a holding tank before being transported off site for recycling.

Tonge Industries has had a long running business relationship with the ESB, playing a pivotal role in its network renewal programme. It has been recycling and decommissioning ESB transformers since the mid-sixties.

Classification of activities

The relevant waste disposal and recovery activities, as per the Third and Fourth Schedules of the Waste Management Acts 1996-2003 to which this application relates are:

Fourth Schedule – Waste Recovery Activities

Principal activity:

3. *Recycling or reclamation of metals and metal compounds.*

Other Activities:

8. *Oil re-finishing or other re-uses of oil.*

On-site operations

The facility will operate during the following hours:

- 8:00 – 18:00 Monday to Friday

The facility is used for the recovery of metals and transformer oil. Transformers are delivered to Tonge Ind. by the ESB. The transformers are tested and segregated into transformers for repair and transformers for decommissioning. The decommissioned transformers are opened and the oil is sucked out. The oil is stored in a bunded tank. Metals with an oily residue are stored in a sump to allow any oil on the metal to drain off. The rest of the metals are separated using air tools. The metals and the oil are taken off-site by a licensed contractor. Approximately 625 tonnes of metal and 600,000 litres of oil (approx. 510 tonnes) are recovered per annum.

Process description

Transformers are delivered to Tonge Ind. in special bins. Transformers are inspected and segregated into transformers for repair and transformers for decommissioning. Transformers with oil leaks are delivered in bags and are transferred to the dismantling area.

Transformers for decommission are cut open and the insulating oil sucked to a 13,000l holding tank. The coils are taken out of the transformers and placed in boxes with sealed bases. The coils are taken out of the boxes to allow any oil to drain to a sump. The coils are then returned to the boxes and are ready for transport. The transformer core is returned to the transformer case and removed to the skip. All metals are removed to a licensed metal recycling company.

Emissions and abatement

WASTE Application Form

Emissions to atmosphere – There are no emissions to atmosphere.

Emissions to surface water – Only uncontaminated surface water runoff from site and rain water from roofs is discharged via a full retention interceptor to county council surface water sewer.

Emissions to sewer water – Only domestic effluent is discharged to domestic sewer. There is no trade effluent generated on site.

Emissions to groundwater and soils – All areas of the site are hard standing. There are no emissions to groundwater and soils.

Noise impacts – The site is located in an industrial area. There are no noise sensitive locations nearby. There are no impacts from noise.

For inspection purposes only.
Consent of copyright owner required for any other use.