

STORAGE OF WASTE TRANSFORMER OILS



INTRODUCTION

The Environment Agency regulations governing the storage of electrical oils are separate and go beyond those of regular waste oils and waste carrier regulations.

The storage of waste electrical oils requires additional permits or exemptions issued by the Environment Agency, and for the oil to be stored within a secondary containment system e.g. a bund and consignee returns to both the originating site and the Environment Agency. Below is a summary of the regulations and the options available to electrical engineers and waste carriers.

TYPES OF OIL COVERED BY WASTE ELECTRICAL OILS

EWC	DESCRIPTION
13 03 01	Electrical insulating oils containing PCBs
13 03 06	Mineral-based chlorinated electrical insulating oils other than those mentioned in 13 03 01
13 03 07	Mineral-based electrical insulating oils (non-chlorinated)
13 03 08	Synthetic electrical insulating oils e.g MIDEI 7131
13 03 09	Readily biodegradable electrical insulating oils e.g. Silicone Transformer Oil
13 03 10	Other electrical insulating oils

ENVIRONMENT AGENCY REQUIREMENTS FOR STORING WASTE ELECTRICAL OILS

VOLUME STORED AT ONE TIME	=< 3,000 LITRES	>3,000 LITRES
Secondary containment	Required =>One full drum / tank & 25% of total volume	
EA Premises Code	Required	Required
LRW 545	Yes	No
SR2012 No. 15 Permit	No	Required
WAMITAB Trained Personnel	No	Required
Application Fee	No	£2,641
Annual Subsistence Fee	No	£1,295
Risk and Method Statement	Desired	Requirement
Waste Consignment Notes	Required for all movements	Required for all movements
Haz Waste Consignment Return	Required Quarterly	Required Quarterly
Consignment Return	Required Quarterly	Required Quarterly
Part E Consignment	Required	Required

APPLICABLE RULES

The Environmental Permitting (England and Wales) Regulations 2010, Chapter 4 Standard rules SR2012 No15, Storage of electrical insulating oils and the Low Risk Waste Position Statement 545 (if less than three cubic metres of oil are being held at any one time).

These rules will allow a site to temporarily store waste electrical insulating oils away from the site where they were produced i.e. where the transformer / switch was oil changed.

OPTIONS AVAILABLE TO ELECTRICAL ENGINEERS

- Store the waste oil on sump pallets and under covers at the transformer site pending collection by the supplier or waste disposal company.
- Transport the waste oil directly to a disposal / recovery site under a waste carrier license and consignment note.
- Transport the waste oil directly to an exempted site or SR2012 No15 licensed storage site.
- Eden's storage site can be open early morning / late night upon request.
- Contract Eden to carry out the full oil change with waste handling services.
- Contract Eden to supply only the new oil and waste handling via our SR2012 No15 licensed storage site in Kent.