

Application for an environmental permit – Part C2 general – varying a bespoke permit

Permit number: EPR/NP3099FS

Document number 1: Proposed changes to existing activities

Harp International has been accepting waste refrigerant for reclamation since 1991, however, refrigerant engineers remove oil as well as refrigerant gases from cooling systems and we would like to be able to offer them an additional service by also taking their waste oil. We propose to supply a plastic container, the engineer would return it to us with a consignment note and we would store it pending collection from a suitable contractor.

Two containers will be offered, one with a maximum fill weight of 10 litre and another with a maximum of 20 litre. They will be uniquely barcoded and scanned out to customers on despatch as well as back in when returned, allowing full traceability.

When returned from customers, waste oil containers will be segregated, placed in a cage and stored on bunded pallets pending weighing and transferring to a bulk storage tank.

A double skinned 2000 litre oil tank will be purchased and stored within our existing oil bund. A pump will be used for transferring the oil to storage tank and when full, the tank will be emptied by a specialist contractor and the oil taken for recycling.

Oil recovered from the reclaim operation will also be transferred to the storage tank. This waste stream is currently stored in 205 litre drums for collection.

Containers are made of high density polyethylene (HDPE, resin identification code 2) and will be reused if possible. Alternatively, they will be stored in a skip and sent for recycling.

As this is a new area of the business, the volume of waste oil likely to be returned is difficult to predict and therefore the annual throughput figure requested in table 1a of application form C3 has been left blank. Quantities are expected to be low initially, but will hopefully rise and it is envisaged that a maximum of five tonne of oil storage capacity will be suitable for our needs following growth.