



Local Authority Pollution Prevention and Control

Permit to operate an installation for

Unloading Of Petrol into Stationary Storage Tanks

Stratode Filling Station, 54 Stratford Road, Warwick

Permit Reference Number: 68

Warwick District Council ("the Regulator") in accordance with Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2007 ("the Regulations"), hereby permits:

Eurogarages Ltd

whose registered office is:

Euro House, Blackburn Road, Darwen, Lancashire BB3 1QJ

to operate an installation involving the activity of unloading of petrol into stationary storage tanks, as listed in Part B(d) of Section 1.2 of Schedule 1 to the Regulations at:

Stratode Filling Station, 54 Stratford Road, Warwick, CV34 6AT

subject to compliance with the conditions specified in this permit.

Signed.....

Richard Hall, Head of Environmental Health
A person authorised to sign on behalf of the Council

Dated *12th November 2008*

Address for correspondence:

Warwick District Council
Environmental Health
P.O. Box 2176
Milverton Hill
Royal Leamington Spa
CV32 5QF

Installation Description

The general location of the installation is shown on the plan edged in red on page 6.

The activity regulated by this permit is the unloading of petrol into stationary storage tanks from mobile delivery vehicles. The aim of the conditions within the permit is to control emissions of organic vapours to atmosphere

A maximum of 2 compartments of the delivery tanker discharge into the storage tanks at anyone time. Emission control during unloading is via a vapour balancing system connected to the road tanker.

There are 5 storage tanks.

There are 2 Petrol Storage tanks "Tank 1" and "Tank2". The vent pipe for Diesel Storage "Tank 4" is manifolded with Tanks 1 and 2. Tank 4 is therefore subject to the maintenance conditions set out in this permit.

The technical document used in the preparation of the conditions is the Secretary of States Guidance Note: PG1/14(06) "Unloading of Petrol into Storage at Petrol Stations.

This guidance note can be downloaded, free of charge, from the Government's website at:

<http://www.defra.gov.uk/environment/ppc/localauth/pubs/guidance/notes/pgnotes/pdf/pg1-14.pdf>

Further guidance is available in the Secretary of State's 'General Guidance Manual on Policy and Procedures for A2 and B installations' and the DEFRA website at:

www.defra.gov.uk/environment/ppc/index.htm.

Legislation

1. The Pollution Prevention and Control Act 1999.
2. The Environmental Permitting (England and Wales) Regulations 2007

Definitions used in the conditions

Operator shall mean **Eurogarages Ltd**

Regulator shall mean an authorised officer of **Warwick District Council**.

This permit has been prepared by: Mr P M Lawson, Senior Environmental Health Officer,
Tel: 01926 456715

Conditions

Duty to Use the “Best Available Techniques”

The operator shall use the “best available techniques” for preventing or, where that is not practicable, reducing the emissions from the installation. This applies to any aspect of the operation of the installation not covered by the specific conditions in this permit.

“Best available techniques” is defined in Article 2(11) of Directive 96/61/EC Concerning Integrated Pollution Prevention and Control, which is reproduced below.

“best available techniques” means the most effective and advanced stage in the development of activities and their methods of operation which indicates the practical suitability of particular techniques for providing in principle the basis for emission limit values designed to prevent and, where that is not practicable, generally to reduce emissions and the impact on the environment as a whole; and for the purpose of this definition –

- a) “techniques” includes both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned”.
- b) “available techniques” means those techniques which have been developed on a scale which allows implementation in the relevant industrial sector, under economically and technically viable conditions, taking into consideration the cost and advantages, whether or not the techniques are used or produced inside the United Kingdom, as long as they are reasonably accessible to the operator;
- c) “best” means, in relation to techniques, the most effective in achieving a high general level of protection of the environment as a whole;

Construction

1. The vapour collection system shall be of size and design to minimise vapour emissions during the maximum petrol and vapour flow, with a minimum vapour return pipe diameter of 100mm.
2. The connection points on the tank filling pipes and vapour return pipe shall be fitted with secure seals to reduce vapour leaks when not in active use. Apertures on storage tanks for the use of dipsticks shall be securely sealed when not in use.
3. The fittings for delivery and vapour return pipes shall be different to prevent mis-connection.
4. Petrol storage tank vent pipes shall be fitted with a pressure vacuum relief valve to minimise vapour loss during unloading and storage. The pressure vacuum relief valve shall be sized and weighted so as to prevent vapour loss, except when storage tanks are subject to potentially hazardous pressurisation.
5. Vent pipes shall not discharge less than 3 metres above the ground, nor within 3 metres of any opening windows or ventilation air inlets

Operation

6. Vapours displaced by the delivery of petrol into the storage tanks shall be returned through a vapour tight connection line to the mobile container delivering the petrol. Unloading operations may not take place unless the vapour recovery arrangements are in place and properly functioning.
7. All reasonably practicable steps will be taken to prevent uncontrolled leaks of vapour from vents pipes and connectors. The regulator must be informed immediately of any vapour leak that is likely to affect the local community.
8. In the event of a vapour leak described in condition 7, the operator shall advise the regulator of the corrective measures to be taken and the time scale over which they will be implemented.
9. Instances of vapour lock , Vapour leaks and the corrective measures taken shall be recorded in the site records.

Deliveries

10. When connecting hoses prior to delivery, the vapour return hose shall be connected before any delivery hose. The vapour return hose shall be connected at the road tanker end first and then at the storage tank end.
11. On completion of unloading the vapour hose shall not be disconnected until the delivery hose has been discharged and disconnected. The delivery hose shall be disconnected at the road tanker end first. The vapour return hose shall be disconnected at the storage tank end first.
12. The number of tanker compartments being discharged simultaneously shall not exceed 2.
13. Adjacent to each vapour return connection point for the storage tank, there shall be a clearly legible and durable notice, instructing "Connect vapour return lines before off-loading" or similar wording. The sign shall also state that no more than 2 compartments may be unloaded simultaneously in accordance with condition 8 above.
14. If dip testing of storage tanks or road tanker compartments is performed before delivery, the dip openings shall be securely sealed prior to delivery taking place. Road tanker compartment dip testing shall not be performed whilst the vapour hose is connected.
15. The delivery operation shall be carried out by a competent person who shall remain near the tanker and keep a constant watch on hoses and connections during unloading. A competent person is a person who has received training in the unloading of or supervising the unloading of petrol into storage tanks to achieve compliance with the conditions of this permit, including action to be taken in the event of a leak of vapour, **and** who has been trained in procedures for safe unloading of petrol as laid down in the "Approved Code Of Practice for Unloading of Petrol from Road Tankers," published by the Health and Safety Executive.
16. All road tanker compartment vent and discharge valves shall be closed on completion of the delivery.
17. All connection points shall be securely sealed after delivery.

18. If storage tanks or road tanker compartments are dipped after delivery, the dip openings shall be securely sealed after dip testing.
19. Manhole entry points to storage tanks shall be kept securely sealed except when maintenance and testing are carried out which require entry to the tank.

Inspection and Maintenance

20. Petrol delivery and vapour return lines on petrol storage tanks shall be inspected and checked for correct functioning every 12 months.
21. Petrol delivery and vapour return lines shall be tested periodically for vapour containment integrity.
22. Pressure vacuum relief valves shall be checked for correct functioning, including extraneous mater, seating and corrosion at least once every 3 years.

Training

23. Sufficient training and practical instruction must be provided to petrol station staff to enable them to carry out their duties in respect of using or supervising the use of and maintaining vapour collection controls and action to be taken in the event of a leak of vapour.

Records

24. The operator shall maintain for a minimum of two years, at the premises, records incorporating details of the following:
 - (a) All maintenance, examination, testing, installation and repair work carried out.
 - (b) Training given to operating staff at the service station.
 - (c) Any suspected or actual vapour leaks together with action taken to deal with any leak.
 - (d) Instances of vapour lock and the corrective action taken.
26. These records shall be maintained and kept by the operator for a minimum of two years and shall be made available to the regulator for inspection upon request.

General

At all times while this Permit is in force, a copy of the Permit shall be kept posted at process site in such position so as to be conveniently read by persons having duties which are, or may be, affected by the matters set out in the Permit.

