



Permit with introductory note

Pollution Prevention and Control Act 1999

Environmental Permitting (England and Wales) Regulations 2016

Permit Reference TCBC PVR 22

Part B Permit for: Tesco Petrol Filling Station
Lower Bridge Street
Pontypool
Torfaen
NP4 6JU

Issued By

Torfaen County Borough Council

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Introductory note

This introductory note does not form a part of the Permit

The following Permit is issued under Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016 (S.I. 2016 No, 1154) (“the EP Regulations”) to operate an installation carrying out one or more of the activities listed in Part 2 to Schedule 1 of those Regulations, to the extent authorised by the Permit.

The Permit includes conditions that have to be complied with. It should be noted that the Operator is required to use the best available techniques for preventing or, where that is not practicable, reducing emissions from all aspects of the installation, including those which are not subject to a specific condition.

Techniques include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

Brief description of the installation regulated by this permit

This activity involves the unloading of petrol into storage tanks at a service station (see Appendix A – Site Location Plan), along with the filling of vehicle petrol tanks. The service station has 4 storage tanks, 2 storing diesel, 2 storing unleaded. There are a total of 16 dispensing nozzles. The service station has a throughput of >500m³ per annum and is not located under permanent living quarters or working areas. **Petrol** means any petroleum, derivative (other than liquefied petroleum gas) with or without additives, having a Reid vapour pressure of 27.6 kilopascals or more which is intended for use as a fuel for motor vehicles.

Talking to us

To speak to an officer concerned with this permit ring 01633 647290 and ask for Peter Oates. Alternatively, you can e-mail using the following address peter.oates@torfaen.gov.uk or write to The Public Health Team, Torfaen County Borough Council, Ty Blaen Torfaen, Panteg Way, New Inn, Pontypool, Torfaen NP4 0LS.

In the event of an emergency occurring outside of normal office hours you should contact 01495 762200

Confidentiality

The Permit requires the Operator to provide information to the Council. The Council will place the information onto the public registers in accordance with the requirements of the EP Regulations. If the Operator considers that any information provided is commercially confidential, it may apply to the Council to have such information withheld from the register as provided in the EP Regulations. To enable the Council to determine whether the information is commercially confidential, the Operator should clearly identify the information in question and should specify clear and precise reasons.

Variations of the permit

This Permit may be varied in the future in accordance with Regulation 20 of the EP Regulations. The Status Log within the Introductory Note to any such variation will include summary details of this Permit, variations issued up to that point in time and state whether a consolidated version of the Permit has been issued.

Any change in the activities covered by this permit must be notified to the Council for approval prior to implementation.

Surrender of the permit

Before this Permit can be wholly or partially surrendered, an application to surrender the Permit has to be made in accordance with Regulation 24 of the EP Regulations.

Transfer of the Permit

Before the Permit can be wholly or partially transferred to another person, a joint application to transfer the Permit has to be made by both the existing and proposed holders, in accordance with Regulation 21 of the EP Regulations. A transfer will be allowed unless the Council considers that the proposed holder will not be the person who will have control over the operation of the installation or will not ensure compliance with the conditions of the transferred Permit.

Offences

Regulation 38 of the EP Regulations defines the offences that may arise as a result of non-compliance with the regulations or this permit. You are advised to be familiar with this regulation since a person found guilty of an offence is liable, on summary conviction to a fine or to imprisonment for a term not exceeding 12 months, or to both: or on conviction on indictment to a fine or imprisonment for a term not exceeding five years or to both.

Enforcement

If the conditions attached to this Permit are not adhered to, then an enforcement notice may be served upon the operator. This notice will specify the contraventions and the steps to be taken to remedy the situation. It is an offence not to comply with such an Enforcement Notice (see above).

Revocation

The Permit may be revoked at any time by the enforcing Local Authority. This will particularly be considered if fees are not paid or enforcement notices are not complied with.

Suspension

The Regulator has a duty to serve a suspension notice if it is considered that there is an imminent risk of serious pollution to the environment, whether or not there has been a breach of the Permit.

Appeals

Any person who has been refused a Permit, is aggrieved by the conditions attached to the Permit, has been refused a variation of a Permit on application or has had a Permit revoked may appeal against the decision of the Regulator to the Welsh Ministers.

Powers of entry

Any duly authorised officer of the Regulator may enter premises to inspect an activity at any reasonable time.

On entry of the premises the officer also has powers to take any equipment or materials with him for which the power of entry to being exercised, to make such examination and investigation as may be necessary, to take such photographs, measurements or samples and seek other assistance necessary to assist him in his duties.

Status Log

Detail	Date	Comment
Permit First Authorised	September 13, 2004	
Variation Notice Issued	September 7, 2009	
Permit Updated	October 7, 2014	
Permit Updated	October 12, 2014	
Variation Application	June 12, 2018	
Varied Permit Issued	June 26, 2018	

Permit
Environmental Permitting (England and Wales) Regulations 2016

Permit

Permit number: **TCBC PVR 22**

Torfaen County Borough Council (“the Regulator”) in exercise of its powers under Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016 (S.I. 2016 No. 1154), hereby permits

Tesco Stores Ltd. (“the operator”)

Of/whose Registered Office is

Tesco House
Delamare Road
Cheshunt
EN8 9SL

Company registration number 519500 to operate an installation at

Tesco Petrol Filling Station
Lower Bridge St
Pontypool
Torfaen
NP4 6JU

to the extent authorised by and subject to the conditions of this Permit.

Signed

Peter Oates

Authorised to sign on behalf of Torfaen County Borough Council

Date

June 26, 2018

The permitted installation

The Operator is authorised to carry out the activities and/or the associated activities specified in Table 1

Table 1

Activity under Schedule 1 of the Regulations	Schedule 1 activity reference	Description of specified activity
Chapter 1 Energy Activities	<i>Section 1.2 Gasification, Liquefaction and Refining Activities</i>	The unloading of petrol into stationary storage tanks at a service station, if the total quantity of petrol unloaded into such tanks at the service station in any period of 12 months is likely to be 500m ³ or more.
Chapter 1 Energy Activities	<i>Section 1.2 Gasification, Liquefaction and Refining Activities</i>	Motor vehicle refueling activities at an existing service station after the prescribed date, if the petrol refueling throughput at the existing service station in any period of 12 months is, or is likely to be, 3500m ³ or more.

Conditions

Stage 1b Emission Controls

1. Vapours displaced by the delivery of petrol into storage installations at service stations shall be returned through a vapour tight connection line to the road tanker delivering the petrol. Unloading operations may not take place unless the arrangements are in place and properly functioning, subject to conditions 3, 4 and 5.
2. The following schedule of preventative maintenance must be employed:

ANNUAL visual inspection of:

- a) fill pipe adaptors and caps - replace as required.
- b) vapour connection point, including condition of adaptor, poppet valve and dust cover - replace as required.
- c) position and clarity of safety notice - replace as required.
- d) emission control valve-clean/check flame arresters and gauzes.

EVERY THREE YEARS

- a) annual maintenance visit plus:
- b) replace emission control valve with new certified unit to meet pressure and vacuum settings.

EVERY FIVE YEARS

- c) annual maintenance visit plus:
- d) testing of all vapour return and vent lines.
- e) visual inspection of non-return ball valves on vapour manifold-clean and check operation.

Inspections and maintenance of vapour recovery systems shall only be carried out by personnel deemed by the Regulator to have attained a satisfactory level of training.

3. All reasonably practicable steps shall be taken to prevent uncontrolled leaks of vapour from vents, pipes and connectors from occurring. The regulator shall be advised without delay of the circumstances of such a vapour leak¹ if there is likely to be an effect on the local community.
4. The operator shall advise the regulator of the corrective measures to be taken and the timescales over which they will be implemented in the event of a vapour leak described in condition 3.
5. The regulator shall be advised of any proposed alteration in operating procedures.

6. The vapour collection systems shall be of a size and design, as approved by the regulator, to minimise vapour emission during the maximum petrol and vapour flow in accordance with conditions 1 and 7 (i.e. when most tank compartments are being simultaneously discharged).
7. The number of tanker compartments being discharged simultaneously shall not exceed 2, excluding the diesel compartments.
8. 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. If apertures are provided on storage tanks for the use of a dipstick, these shall be securely sealed when not in active use.
9. The fittings for delivery and vapour return pipes shall be different to prevent mis-connection.
10. Petrol storage tank vent pipe[s] shall be fitted with a pressure vacuum relief valve or orifice plate to minimise vapour loss during unloading and storage of petrol. The pressure vacuum relief valve shall be sized and weighted to prevent vapour loss, except when the storage tanks are subject to potentially hazardous pressurisation.

Delivery

11. When connecting hoses prior to delivery, the vapour return hose shall be connected before any delivery hose. The vapour return hose shall be connected by the road tanker end first, and then at the storage tank end.
12. Adjacent to each vapour return connection point for the storage tank, there shall be a clearly legible and durable notice instructing "Connect vapour return line before off-loading" or similar wording. The sign shall also refer to the maximum number of tanker compartments that may be unloaded simultaneously in accordance with condition 7.
13. If dip testing of storage tanks or road tanker compartments is performed before delivery, the dip openings shall be securely sealed prior to the delivery taking place. Road tanker compartment dip testing shall not be performed whilst the vapour hose is connected.
14. A competent person² shall remain near the tanker and keep a constant watch on hoses and connections during unloading.
15. All road tanker compartment vent and discharge valves shall be closed on completion of the delivery.
16. 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.
17. All connection points shall be securely sealed after delivery.
18. If the storage tanks or road tanker compartments are dipped after delivery, the dip openings shall be securely sealed after dip testing.

Stage II Emission Controls

19. Vapours displaced by the filling of petrol into vehicle petrol tanks at Pontypool Tesco filling station shall be recovered through the use of the 'Vaporix' vapour Recovery system. Filling of vehicle petrol tanks shall not take place unless such a system is in place and fully functioning.
20. The vapour recovery system referred to in Condition 19 shall be certified by the manufacturer to have a hydrocarbon capture efficiency of not less than 85%. Equipment used shall be approved for use under the regulatory regimes of at least one European Union or European Free Trade Association country.
21. The vapour recovery equipment referred to in Condition 19 shall be designed, installed and tested in accordance with the relevant British, European and international standards or national methods in place at the time that the equipment was installed.
22. The installation shall have in place an automatic monitoring system that operates in accordance with Condition 24.
23. Petrol delivery and vapour recovery systems for vehicle petrol tanks shall be tested in accordance with the manufacturer's specifications prior to commissioning and for:
 - Vapour containment integrity at least once every three years, and always following substantial changes or significant events that lead to the removal or replacement of any components required to ensure the integrity of the containment system.
 - Effectiveness of the vapour recovery system at least once every three years where an automatic monitoring system is in place.

This shall be undertaken by measuring the ratio of the volume of vapour recovered to liquid petrol dispensed i.e. vapour/petrol (V/P ratio). The V/P ratio shall be at least 95% and, where the vapours are recovered into the fuel storage tank, not greater than 105% to avoid excessive pressure build up and consequent release through the pressure relief valves. The V/P ratio shall be determined by simulating the dispensing of petrol using measuring equipment approved for use in any European Union or European Free Trade Association country. The method to be used shall involve measuring the volume of air recovered with fuel flow simulated at the dispenser and read electronically using the approved measuring equipment. This provides the ratio of air recovered to liquid dispensed (air/liquid ratio) which should then be corrected to provide the V/P ratio using an appropriate factor to account for the difference in viscosity between petrol vapour and air ('k-factor').

24. The automatic monitoring system referred to in Condition 22 shall:

- Automatically detect faults in the proper functioning of the petrol vapour recovery system including the automatic monitoring system itself and indicate faults to the operator. A fault shall be deemed to be present where continuous monitoring during filling of vehicle petrol tanks indicates that the V/P ratio (Condition 23) averaged over the duration of filling has fallen below 85% or has exceeded 115% for ten consecutive filling operations. This only applies to filling operations of at least 20 seconds duration and where the rate of petrol dispensed reaches at least 25 litres per minute.
- Automatically cut off the flow of fuel on the faulty delivery system if the fault is not rectified within 1 week.
- Be approved for use under the regulatory regime of at least one European Union or European Free Trade Association country.

General

25. Manhole entry points to storage tanks shall be kept securely sealed except when maintenance and testing are being carried out which require entry to the tank.

26. The Regulator shall be notified without delay if the result from any monitoring or tests identifies adverse results, vapour recovery equipment failure or leaks if there is likely to be an effect on the local community. The operator shall advise the regulator of the corrective measures to be taken and the timescales over which they will be implemented.

27. Effective preventative maintenance shall be employed on all aspects of the installation including all plant, buildings and equipment concerned with the control of emissions to air. Preventative maintenance for all vapour recovery systems shall be carried out in accordance with the manufacturer's instructions.

28. Spares and consumables needed shall be held on site, or should be available at short notice from guaranteed suppliers, so that plant breakdowns can be rectified rapidly.

Information Reporting

29. The operator shall maintain a log book at the authorised premises incorporating details of all maintenance, examination and testing, inventory checking, installation and repair work carried out, along with details of training given to operating staff at the service station. The logbook shall also detail any suspected vapour leak together with action taken to deal with any leak.

30. If there is to be a change in operation of the installation, the operator must, at least 14 days before making the change, notify the Local Authority in writing. The notification must contain a description of the proposed change in operation. It is not necessary to

make such a notification if an application to vary this permit has been made and the application contains a description of the proposed change. In this condition 'change in operation' means a change in the nature or functioning, or an extension, of the Installation, which may have consequences for the environment.

Management

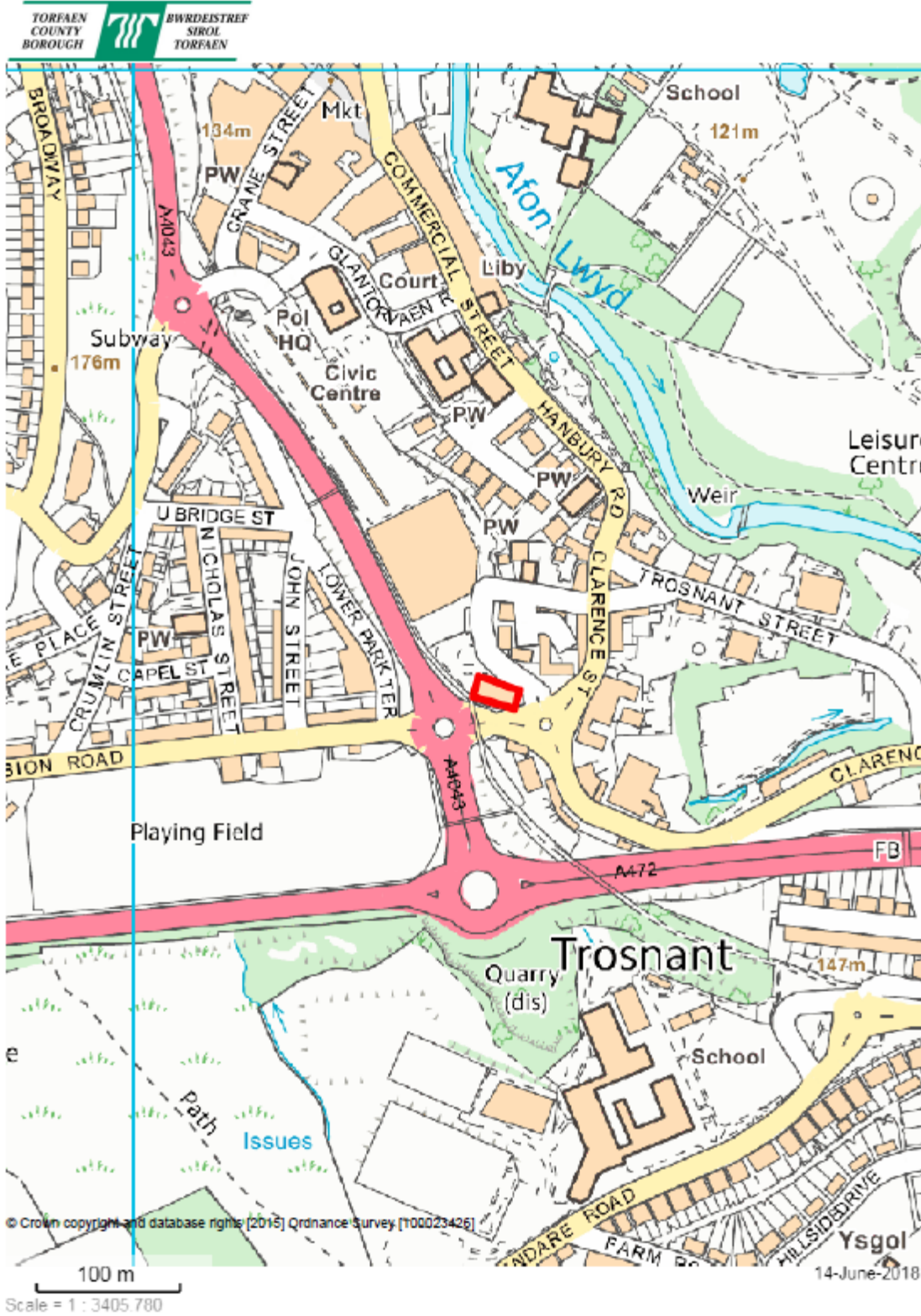
31. Where any aspect of the operation of this installation is not specifically regulated by a condition contained within this permit, then the best available techniques shall be used to prevent or, where that is not practicable, reduce emissions into the air from the installation.
32. In the event that the operator wishes to transfer this Permit as a result of a business transaction then the operator and the proposed transferee shall make a joint application to Torfaen County Borough Council for the transfer before the proposed transferee is to operate plant specified in this Permit.

End of Permit

Definitions

1. "Vapour leak" means any leak of vapour excepting those that occur through the vent designated on the attached plan shown in Appendix 2.
2. A "competent person" is one who has received training in procedures for petrol delivery including:
 - Connection of hoses, including proper order in which they should be connected i.e. vapour return end first
 - Dip testing procedures (where appropriate), which should be carried out prior to delivery
 - Closure of tanker and vent discharge valves.
 - Disconnection of delivery hoses.
 - Sealing of manhole entry points.

Appendix 1 – Site Location Plan



Appendix 2 – Site Plan

