



Environmental Permit

Pollution Prevention and Control Act 1999

Environmental Permitting (England and Wales) Regulations 2010 (as amended)

Breakspear Way SF Connect
Breakspear Way
Hemel Hempstead
Hertfordshire
HP2 4TZ

Regulated activity:

Unloading of petrol into storage, and motor vehicle refuelling, at service stations

Permit Number:

DBC/EP/18

Permit Issued by:

Regulatory Services
Dacorum Borough Council
Civic Centre
Hemel Hempstead
Hertfordshire
HP1 1HH

Tel: (01442) 228000
Email: environmental.health@dacorum.gov.uk
Website: www.dacorum.gov.uk

The address for all correspondence in relation to this permit

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Permit Status Log

Superseded Authorisations/Permits relating to this Installation		
Holder	Date of Issue	Reference
BP Oil UK Limited	30 December 1998	Pet/14/KSK/98
BP Oil UK Limited	1 March 2006	MAU 6017
BP Oil UK Limited	15 October 2009	SR 270937

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 2010 (S.I. 2010 No. 675) (as amended) to operate an installation carrying out one or more of the activities listed in Part 2 of Schedule 1 to those Regulations, to the extent authorised by the permit.

The permit includes conditions that must be complied with.

General Principles

The Local Authority Pollution Prevention and Control (LAPPC) regime is concerned with preventing, or where that is not practicable, reducing emissions into the air (Regulation 35(b) Schedule 8(3)). This is achieved by, among other things, requiring operators to use the best available techniques (BAT). This, together with a consideration of local circumstances, provides the main basis for setting emission limit values and operational controls.

Confidentiality

The permit requires the operator to provide information to Dacorum Borough Council. The Council will place the information onto the public registers in accordance with the requirements of the Environmental Permitting (England and Wales) Regulations 2010 (the '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 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 to the permit

This permit may be varied in the future. If at any time the activity or any aspect of the activity regulated by the following conditions changes such that the conditions no longer reflect the activity and require alteration, the Council shall be contacted.

Surrender of the permit

Where an operator intends to cease the operation of an installation (in whole or in part), the regulator should be informed in writing. Such notification must include the information specified in regulation 24(3) of the Regulations.

Transfer of the permit or part 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 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.

Responsibility under workplace health and safety legislation

This permit is given in relation to the requirements of the Environmental Permitting (England and Wales) Regulations 2010. It must not be taken to replace any responsibilities you may have under Workplace Health and Safety legislation.

Appeal against permit conditions

Anyone who is aggrieved by the conditions attached to a permit can appeal to the Secretary of State. Appeals must be made in accordance with the requirements of Regulation 31 and Schedule 6 of the Regulations. Appeals should be received by the Secretary of State at the following address:

The Planning Inspectorate
Environment Team, Major & Specialist Casework
Room 4/04 Kite Wing

Temple Quay House
2 The Square
Temple Quay
Bristol BS1 6PN

Please Note: An appeal brought under Regulation 31 in relation to the conditions in a permit will not suspend the effect of the conditions appealed against; the conditions must still be complied with. In determining an appeal against one or more conditions, the Act also allows the Secretary of State to quash any of the other conditions not subject to the appeal and to direct the local authority either to vary any of these other conditions or to add new conditions.

References

1. Process Guidance Note 1/14(13): Statutory guidance for unloading of petrol into storage, and motor vehicle refuelling, at service stations; Department for Environment Food and Rural Affairs; December 2013.
2. Environmental Permitting General Guidance Manual on Policy and Procedures for A2 and B Installations; Department for Environment Food and Rural Affairs; Revised April 2012.
3. Environmental Permitting (England and Wales) Regulations 2010, Statutory Instrument 2010 No. 675 (as amended).

End of introductory note

**DACORUM BOROUGH COUNCIL
POLLUTION PREVENTION AND CONTROL ACT 1999
Environmental Permitting Regulations 2010 (as amended)**

Permit Reference Number: DBC/EP/18

Name and address of operator: BP Oil UK Limited
Witan Gate House
500-600 Witan Gate
Milton Keynes
MK9 1ES

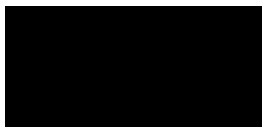
Registered office of company: BP Oil UK Limited
Chertsey Road
Sunbury on Thames
Middlesex
TW16 7BP

Company Registration Number: 446915

Address of Permitted Installation: Breakspear Way SF Connect
Breakspear Way
Hemel Hempstead
Hertfordshire
HP2 4TZ

The installation boundary and key items of equipment mentioned in permit conditions are shown on the plans contained within Schedule A to this permit.

Date



Danielle Newnham
Scientific Officer – Regulatory Services
On behalf of Dacorum Borough Council

3 November 2016

Activity Description:

Fuel is stored in a total of **5no.** underground storage tanks at this site, incorporating a vapour balancing system on the **2no.** petrol tanks ('Stage 1b' vapour recovery). Fuel deliveries are carried out by the road tanker driver, using a standard DCD system. Prior to delivery, the ullage is checked using an electronic wet stock control system to ensure the amount to be delivered matches the capacity of the storage tank. Mobile tankers delivering fuel are connected to the vapour balancing systems prior to the commencement of the delivery using a vapour recovery hose. Petroleum-laden vapours displaced from the storage tanks during unloading are carried through the vapour recovery hose and are collected in the road tanker. The vapour balancing system incorporates two high-level vent pipes that are fitted with pressure/vacuum valves to minimise emissions of petrol vapour to the atmosphere during tank breathing. The pressure/vacuum valves also protect the fuel storage tanks from rupture in case of hazardous pressurisation. At the end of the delivery, the road tanker disconnects from the vapour balancing system, and returns to the petrol refinery. Diesel tanks do not form part of the vapour balancing system. The diesel tanks are vented to its own vent pipes fitted with pressure/vacuum valves separately.

Petrol is dispensed through **16no.** nozzles, which incorporate a petrol vapour extraction system ('Stage II' vapour recovery). Petroleum-laden vapours emitted during vehicle refuelling are captured and returned to the service station storage tanks. An automatic monitoring system, is installed at this site, to automatically detect faults in the proper functioning of the Stage II petrol vapour recovery system including the automatic monitoring system; to indicate faults to the operator; and to automatically cut off the flow of fuel on the faulty delivery system if the fault is not rectified within a seven day period.

Conditions

The operator is authorised to operate the activity* at the installation subject to the following conditions.

Petrol Delivery

1. Vapours displaced by the delivery of petrol into storage tanks shall be returned through a vapour-tight connection line to either the mobile container delivering the petrol or a container on the site.
2. Petrol delivery shall only be carried out using the Stage I petrol vapour recovery system and deliveries shall only be made when the system is fully operational.

Motor Vehicle Refuelling

3. Motor vehicle refueling with petrol shall only take place when the Stage II petrol vapour recovery system is fully operational and operating in accordance with the requirements of Condition 4.
4. The petrol vapour capture efficiency of the Stage II petrol vapour recovery system shall be equal to or greater than 85% but less than 115% as certified by the manufacturer in accordance with relevant European technical standards or type approval procedures.
5. Where the recovered petrol vapour is transferred to a storage tank, the vapour/petrol ratio shall be equal to or greater than 0.95 but less than or equal to 1.05.
6. Where an automatic monitoring system has been installed, the petrol vapour capture efficiency shall be tested and the results recorded at least once every three years by checking that the vapour/petrol ratio under simulated petrol flow conditions, or by any other appropriate methodology. Any such automatic monitoring system shall automatically detect faults in the proper functioning of the Stage II petrol vapour recovery system and in the automatic monitoring system itself, indicate faults to the operator and automatically stop the flow of petrol from any faulty dispenser if the fault is not rectified within seven days.
7. A sign, sticker or other notification shall be displayed on, or in the vicinity of, the petrol dispenser, informing consumers that a Stage II petrol vapour recovery system is in use.

Incident Reporting

8. In the event of any incident at the site which could have an impact beyond the site boundary, the operator shall notify the Council by telephone without delay on 01442 228000.

Management

9. A copy of this permit shall be kept at the permitted installation. All staff who should be aware of its content shall be told where it is kept.
10. All relevant staff shall receive the necessary training and instruction to enable them to comply with the conditions of this permit.
11. The operator shall notify the Council of any changes to the persons nominated in the application as the primary point of contact, and deputy.
12. Maintenance and testing of vapour recovery systems shall be recorded.
13. All records made in compliance with this permit shall be kept in a written or computer log book or by using some other systematic method, and shall be clear and legible. If any entry is

* listed in Section 1.2, Part B(d) in Part 2 of Schedule 1 to the Environmental Permitting Regulations

amended, a clear statement of the reason for doing so shall be included. Unless otherwise stated in this permit, all records required to be taken shall be kept available for inspection for at least 4 years from the date of its being made. A copy of the manufacturer's instructions referred to in this permit shall be available for inspection on request.

Best available techniques

14. The best available techniques shall be used to prevent or, where that is not practicable, reduce emissions from the installation in relation to any aspect of the operation of the installation which is not regulated by any other condition of this permit.

Process changes

15. If the operator proposes to make a change in operation of the installation, he must, at least 14 days before making the change, notify the regulator 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.

End of conditions

Right to Appeal

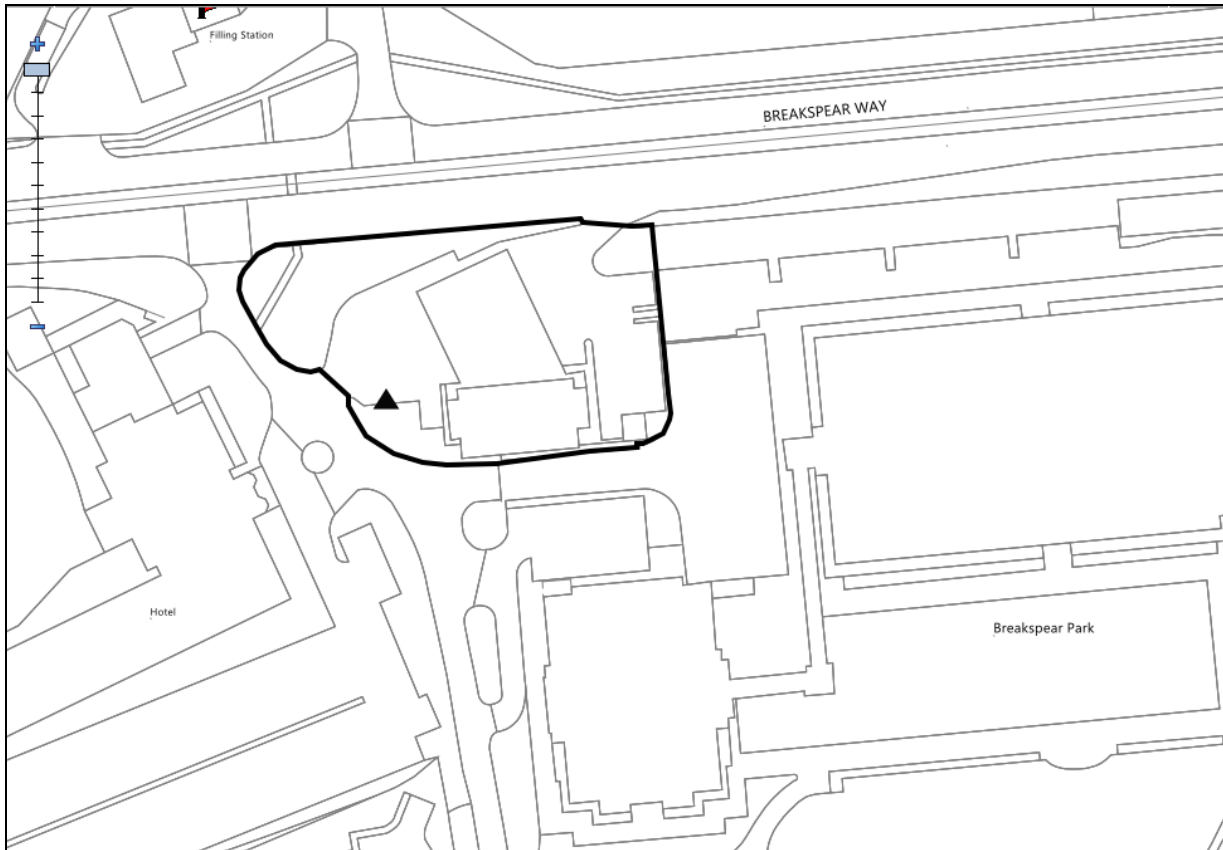
You have the right of appeal against this permit within 6 months of the date of the decision (details are provided within the introductory note). You will normally be expected to pay your own expenses during an appeal.

You will be liable for prosecution if you fail to comply with the conditions of this permit. If found guilty, the maximum penalty for each offence if prosecuted in a Magistrates Court is £50,000 and/or 6 months imprisonment. In a Crown Court it is an unlimited fine and/or 5 years imprisonment.

Our enforcement of your permit will be in accordance with the Regulators' Compliance Code.

**SCHEDULE A:
INSTALLATION LOCATION AND SITE LAYOUT**

Installation Location:

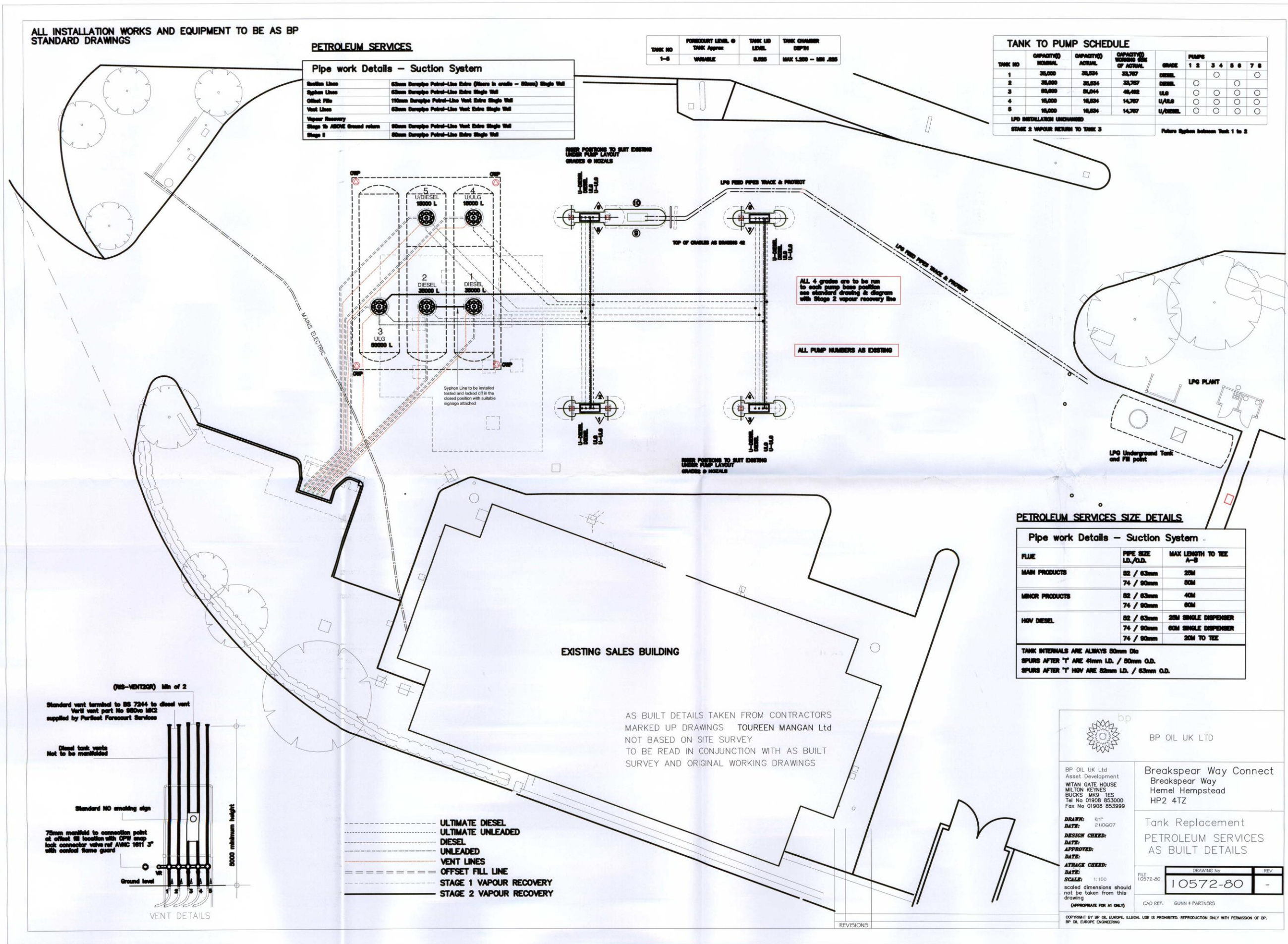


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Key

- Black outline: Installation boundary
- ▲: Vapour recovery vent pipework

Site Layout:



ALL INSTALLATION WORKS AND EQUIPMENT TO BE AS BP STANDARD DRAWINGS

PETROLEUM SERVICES

Pipe work Details – Suction System

Suction Lines	63mm Druppel-Loze Extra Single Wall (where in grade) – 63mm Single Wall
Syphon Lines	63mm Druppel-Loze Extra Single Wall
Offset Pipe	110mm Druppel-Loze Vent Extra Single Wall
Vent Lines	63mm Druppel-Loze Vent Extra Single Wall
Vapour Recovery Stage 1 ABOVE Ground return	63mm Druppel-Loze Vent Extra Single Wall
Stage 1	63mm Druppel-Loze Extra Single Wall

TANK NO	FORECAST LEVEL @ TANK APPROX	TANK LID LEVEL	TANK CHAMBER DEPTH
1-5	VARIABLE	0.885	MAX 1.250 – MIN .885

TANK NO	CAPACITY(NORMAL)	CAPACITY(ACTUAL)	CAPACITY(WORST CASE OF ADMIN)	GRADE	PUMPS
					1 2 3 4 5 6 7 8
1	35,000	35,004	35,787	DESSL	○ ○ ○ ○ ○ ○ ○ ○
2	35,000	35,004	35,787	DESSL	○ ○ ○ ○ ○ ○ ○ ○
3	60,000	60,044	60,492	U/L&S	○ ○ ○ ○ ○ ○ ○ ○
4	16,000	16,004	16,787	U/L&S	○ ○ ○ ○ ○ ○ ○ ○
5	16,000	16,004	16,787	U/L&S	○ ○ ○ ○ ○ ○ ○ ○

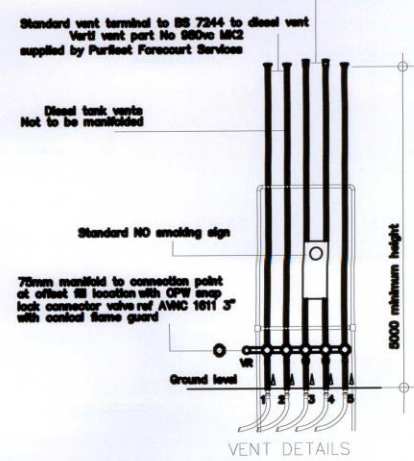
LPG INSTALLATION UNCHANGED
STAGE 2 VAPOUR RETURN TO TANK 3
Future Syphon between Tank 1 to 2

PETROLEUM SERVICES SIZE DETAILS

FLUID	PIPE SIZE I.D./O.D.	MAX LENGTH TO TEE A-B
MAJOR PRODUCTS	62 / 63mm	20M
	74 / 80mm	50M
MINOR PRODUCTS	62 / 63mm	40M
	74 / 80mm	60M
HGV DIESEL	62 / 63mm	20M SINGLE DISPENSER
	74 / 80mm	60M SINGLE DISPENSER
		20M TO TEE

TANK INTERNALS ARE ALWAYS 60mm Dia
SPURS AFTER "T" ARE 41mm I.D. / 50mm O.D.
SPURS AFTER "T" HGV ARE 62mm I.D. / 63mm O.D.

(RIS-VENT200) Min of 2



- ULTIMATE DIESEL
- ULTIMATE UNLEADED
- DIESEL
- UNLEADED
- VENT LINES
- OFFSET FILL LINE
- STAGE 1 VAPOUR RECOVERY
- STAGE 2 VAPOUR RECOVERY

AS BUILT DETAILS TAKEN FROM CONTRACTORS MARKED UP DRAWINGS TOUREEN MANGAN Ltd NOT BASED ON SITE SURVEY TO BE READ IN CONJUNCTION WITH AS BUILT SURVEY AND ORIGINAL WORKING DRAWINGS

bp BP OIL UK LTD

BP OIL UK Ltd
Asset Development
WITAN GATE HOUSE
MILTON KEYNES
BUCKS MK9 1ES
Tel No 01908 853000
Fax No 01908 853999

Breakspare Way Connect
Breakspare Way
Hemel Hempstead
HP2 4TZ

Tank Replacement
PETROLEUM SERVICES
AS BUILT DETAILS

DRAWN: RHP 21/06/07
DATE:
DESIGN CHECKED:
DATE:
APPROVED:
DATE:
AT-RACE CHECKED:
DATE:
SCALE: 1:100
scaled dimensions should not be taken from this drawing (APPROPRIATE FOR A1 ONLY)

FILE 10572-80
DRAWING No 10572-80
REV -

CAD REF: GUNN & PARTNERS

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