CONSOLIDATED PERMIT

SOUTH NORTHAMPTONSHIRE COUNCIL

Hereby Permit

BP Oil UK Ltd Express Shopping, Licensing Department, 3rd Floor Witan Gate House, 500-600 Witan Gate, Central Milton Keynes, MK19 1ES

To Operate a Part B Installation for the Unloading of Petrol Into Stationary Tanks and the Filling of Motor Vehicles with Petrol at:

Brackley SF Connect, Northampton Road, Brackley, Northampton, NN13 5SZ

Under the Provisions of

POLLUTION PREVENTION AND CONTROL ACT 1999

ENVIRONMENTAL PERMITTING (ENGLAND AND WALES) REGULATIONS 2010 (as amended)

Permit Reference Number

PS/1.14/09

Date Permit Issued

24th November 2014

Dated: 24th November 2014

Trevor Dixon
Team Leader - Environmental Protection
(Authorised to sign in behalf of South Northamptonshire Council)
INTRODUCTORY NOTE TO PERMIT

This introductory note does not form part of the permit

This Environmental Permit (The Permit) is issued by South Northamptonshire Council (the Council) under Regulation 13(1) of the Environmental Permitting (England and Wales) Regulations 2010 (the EP Regulations) (S.I. 2010 No.675), to operate an installation prescribed in Part 2 to Schedule 1 of those Regulations, to the extent specified in the conditions of this permit.

The requirements of this Permit shall be effective from the date of service unless otherwise specified within the Permit. Where a Variation Notice has been served the conditions contained within that Variation Notice shall be effective from the date that the Notice is served, unless a specific implementation date is allocated to specific conditions.

For the purpose of this permit the legal operator of the installation is BP Oil UK Ltd Express Shopping, Licensing Department, 3rd Floor Witan Gate House, 500-600 Witan Gate, Central Milton Keynes, MK19 1ES.

STATUS LOG

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<th>Detail</th>
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<td>Application Duly Made</td>
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DESCRIPTION OF INSTALLATION

The above named company is permitted to operate an Installation unloading of petrol from road tankers into underground stationary storage tanks at the station within the installation boundary, being the area shown outlined in red on the site plan PS/1.14/09 in Appendix I to this permit.

The service station has two underground petrol storage tanks and the quantity of petrol unloaded into the storage tanks from road tankers is in excess of 500m³ per year.

Petrol is unloaded from tankers into three underground storage tanks via an off-set filling pipe. Deliveries are driver controlled and take place at any time, including outside normal operating hours. Emissions of petrol vapour displaced by the filling of the tanks are returned to the delivery vehicle via a vapour return system.
The refuelling of vehicle petrol tanks at the installation results in a throughput of petrol in excess of 3500m$^3$. Petrol is delivered to vehicle petrol tanks from ten dispensers and the vapours displaced are transferred to the petrol delivery system.

The key emissions from this process that constitute pollution for the purposes of the Environmental Permitting (England and Wales) Regulations 2010 (as amended) are petrol vapours including benzene.

This installation falls within the definition of Part 2 Section 1.2 Part B (c) and (d) of Schedule 1 of the Environmental Permitting (England and Wales) Regulations 2010 (as amended). Table 1.1 identifies the specified activity permitted.

<table>
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<th>Activity listed in Part 2 of Schedule 1 of the EP Regulations</th>
<th>Description of specified activity</th>
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<tr>
<td>Section 1.2 Part B (c) -</td>
<td>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 12-month period is likely to be 500m$^3$ or more.</td>
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<tr>
<td>Section 1.2 Part B (d)</td>
<td>The refuelling of motor vehicles at the service station where the petrol refuelling throughput in any 12 months is or is likely to be 3500m$^3$ or more.</td>
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CONDITIONS

Petrol Delivery

1. Vapours displaced by the delivery of petrol into storage tanks at this service station 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 1 petrol vapour recovery system and deliveries shall only be made when the system is fully operational.

Motor Vehicle Refuelling

3. Motor vehicle refuelling with petrol shall only take place when the Dresser Wayne and Tokheim petrol vapour recovery systems are fully operational and operating in accordance with the requirements of Condition 4.

4. The petrol vapour capture efficiency of the Dresser Wayne and Tokheim petrol vapour recovery systems 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. The in-service petrol vapour capture efficiency of the Dresser Wayne and Tokheim petrol vapour recovery systems shall be tested, the results recorded at least once a year by checking the vapour/petrol ratio under simulated petrol flow conditions, or by any other appropriate methodology.

7. A weekly functionality check shall be undertaken to verify the operation of the vapour recovery system.

8. A sign, sticker or other notification shall be displayed on, or in the vicinity of, the petrol dispense, informing consumers that a Stage II petrol vapour recovery system is in use.

INCIDENT REPORTING

9. In the event of any incident at the site which could have an impact beyond the site boundary, the operator shall notify South Northamptonshire Council by telephone without delay on 01327 322322.
MANAGEMENT

10. 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.

11. All relevant staff shall receive the necessary training and instruction to enable them to comply with the conditions of this permit.

12. The operator shall notify the Council of any changes to the persons nominated in the application as the primary point of contact, and deputy.

13. Maintenance and testing of vapour recovery system shall be recorded.

14. 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 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

15. 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

16. If the operator proposes to make a change in operation of the installation, he must, at least 14 days before making the change, notify South Northamptonshire Council 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 Permit Conditions
ADDITIONAL INFORMATION

This note does not comprise part of permit PS/1.14/09 but contains guidance relevant to the said permit.

DEFRA guidance on the Local Authority Pollution Control regime consists of:

- a statutory General Guidance Manual which sets out the procedures and policy
- statutory process guidance (PG) notes which set out the Secretary of State's view on what constitutes Best Available Techniques for each of the main sectors regulated to control their air emissions (so-called "Part B" activities)
- a set of additional guidance (AQ) notes covering various other issues

The General Guidance Manual is the principal guidance issued by the Secretary of State for Environment, Food and Rural Affairs and Welsh Ministers on the operation of the following pollution control regimes regulated by local authorities:

- Local Authority Integrated Pollution Prevention and Control (LAIPPC), which covers what are known as A2 installations
- Local Authority Pollution Prevention and Control (LAPPC), which covers what are known as Part B installations.

The detailed legal requirements for installations covered by LA-IPPC and LAPPC are contained in the Environmental Permitting Regulations 2010

The General Guidance Manual, PG notes, AQ notes and the Environmental Permitting Regulations 2010 are available on the DEFRA website: www.defra.gov.uk or by telephoning DEFRA publication on 0870 600 5522.

Inspections

Regular inspections will be made by officers of South Northamptonshire Council (without prior notice), in order to check and ensure full compliance with this permit.

Health and Safety at Work and Other Statutory Requirements

Compliance with this permit does not necessarily infer compliance with any other legislation.

Notification of Operation Changes

The operator will be liable to prosecution if they operate otherwise than in accordance with the conditions and plant described in this permit.

The operator shall contact the regulator to discuss any proposed changes.
**BAT (Best Available Techniques)**

The IPPC Directive defines "best available techniques" as follows:

"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:

- "best" shall mean most effective in achieving a high general level of protection if the environment as a whole.
- "available" techniques shall mean those developed on a scale which allows implementation in the relevant industrial sector, under economically and technically viable conditions, taking into consideration the costs and advantages, whether or not the techniques are used or produced inside the Member State in question, as long as they are reasonably accessible to the operator.
- "techniques" shall include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

Specific condition 11 of the Permit makes reference to training and instruction of personnel. The scope and content of such training and instruction is not the subject of a specific condition and it will therefore be necessary for the operator to determine the precise nature of the training and instruction that is appropriate in order to comply with the residual BAT condition.

Moreover it will be necessary in order to demonstrate such compliance for the operator to maintain records detailing the training and instruction received by individual personnel.

In determining BAT, special consideration should be given to the items listed in Annex IV of the Directive.

**Enforcement**

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 Regulator's compliance Code.

**Annual Subsistence Charge**

A subsistence charge is payable on the 1st April each year. An invoice will be issued by the regulator providing further details of how to pay. The charges are based on a risk based system. Details of the risk assessment can be found on the DEFRA Web Site.
Right to appeal

You have the right of appeal against this permit within 6 months of the date of the decision to the Secretary of State for Environment, Food & Rural Affairs. Appeals must be sent to:

The Planning Inspectorate
Environment Team, Major & Specialist Casework
Room 4/04 Kite Wing
Temple Quay House
2 The Square
Temple Quay
Bristol BS1 6PN
Tel: 0117 372 8726
Fax: 0117 372 8139

Guidance on the appeal procedure is available at: www.planningportal.gov.uk

You will normally be expected to pay your own expenses during an appeal.

Enforcing Authority

The enforcing authority for the purposes of this permit is South Northamptonshire Council. The address of that authority is as follows:

South Northamptonshire Council
Springfields
Towcester
Northants
NN12 6AE

All correspondence should be marked for the attention of the Environmental Protection Team.

Telephone: 01327 322323
Email: environmental.protection@southnorthants.gov.uk
APPENDIX 1
LOCATION MAP
APPENDIX III
Maintenance Schedule for Vapour Recover Installation

Systems include all equipment pipework and processes required for:

PVR Stage 1b: - transfer of vapour displaced from the underground storage tanks during filling from the delivery road tanker from the vents to the road tanker.

PVR Stage 2: - collection of vapour displaced from vehicle displaced from vehicle tanks while being filled at petrol dispensers and transfers to the underground fuel storage tanks.

1. Maintenance Contract

The maintenance contract is administered by BP Oil UK Ltd

Contact: The Fuels Maintenance Manager
BP- Global Alliance
Witan Gate House
Central Milton Keynes
MK9 1ES

Tel 01908 853616

2. Site Particulars

a. See site layout plans attached for an indication of principal components comprising:

   I. Storage tanks, tank fill points and vapour connection, tank vents and vent manifold, fuel dispensers.

3. Maintenance schedule

a. Pressure/Vacuum/Orifice vent valve - located at top of petrol vents valve to be visually checked annually for correct and free operation, replace if defective. Check and clear flame arrestor gauze as needed, replace if defective, replace valve every 3 years.

   I. Type fitted – Risbridger RIS-VENT with orifice or equivalent

b. Vapour recovery adaptor (for connection of the tanker vapour hose) to be checked for tightness when closed and for correct and free operation, report for replacement / corrective action if defective. Check and clear flame arrestor cartridge (where fitted).

   II. Vapour adaptor type fitted – Risbridger Vapour Retainer ref 3416 or equivalent

c. Check continuity of electrical bonding while progressing other checks (visual only – annual electrical test will confirm proper earthing) report any defects.
d. Pipework – carry out annual tightness test of vapour containment system to include offset fills, vent pipes, vent manifold and vapour return pipes. Report any defects.

e. Carry out visual check of dispenser external hoses, nozzles and associated fittings to confirm no damage which might potentially allow the loss of liquid or vapour. Report any defects for correction.

f. Signage – confirm all appropriate signage is present and complete including tank contents labels identifying tank No., capacity and grade, vent labels identifying which tank they are connected to and all statutory safety signs at vents and fill points.

4. Additional items for sites with Stage 2 vapour recovery systems

   a. Site staff confirm proper operation of stage 2 vapour recovery system in pumps on a weekly basis in accordance with pump manufacturer’s instructions. Defects identified are recorded and repaired within 7 days.
   b. Air/liquid recovery ratio of dispenser checked in accordance with manufacturer’s instructions to be within prescribed limits on an annual basis. Correct as needed. Maintain records in site register.
   c. Pressure test to confirm tightness of the vapour return pipes every 3 years. Repair any leaks identified. Maintain a record on site of the checks and corrective.

5. General

   a. All contractors carrying out testing or other maintenance works must present their method statement and clearance certificate, incorporating a suitable risk assessment, to the site manager for sign of before commencing any work.
   b. Clearance certificates must be signed by the site manager/appropriate competent person on completion of works.