CANNOCK CHASE DISTRICT COUNCIL

THE ENVIRONMENTAL PERMITTING (ENGLAND AND WALES) REGULATIONS 2016

Permit to Operate the Unloading of Petrol into Storage from Mobile Containers at a Service Station under Section 1.2 Part B (d)

PERMIT REFERENCE:
Ref: 1.2 Part B (d) EPR 03/19

Motor Fuel Limited,
Esso Rugeley Service Station,
Western Springs Road
Rugeley
WS15 2AS

Regulator Contact Details

Cannock Chase District Council
Environmental Health
Civic Centre
PO Box 28
Beecroft Road
Cannock
WS11 1BG

Tel: 01543 462621

Fax: 01543 462317

E-mail: environmentalhealth@cannockchasedc.gov.uk

This introductory note does not form a part of the Permit

The following Permit is granted under Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016 (S.I.2016/1154) ("the EP Regulations") to operate an installation carrying out one or more of the activities listed in Part B to Schedule 1 of those Regulations, to the extent authorised by the Permit.

The Permit includes conditions that have to be complied with.

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

Motor Fuel Limited, Esso Rugeley Service Station, Western Springs Road Rugeley, WS15 2AS is permitted to operate an installation for the unloading of petrol into stationary storage tanks at the service station.

Contacting the Regulator

This Permit has been issued by Cannock Chase District Council as the Regulator for this installation and the address above (Pg 2) is the Principle contact address for all matters relating to the Permit.

Confidentiality

The Permit requires the Operator to provide information to Cannock Chase District 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 Cannock Chase District Council to have such information withheld from the register as provided in the EP Regulations. To enable Cannock Chase District 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

Your Attention is drawn to the Variation Notification Procedure condition in 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 Regulator should be contacted.

Revocation 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, The Regulator may revoke a permit in whole or in part, and may require the operator to take steps-

to avoid a pollution risk resulting from the operation of the regulated facility; or
to return the site to a satisfactory state, having regard to the state of the site before the facility was put into operation.

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 EP Regulations. A transfer will be allowed unless the Authority 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 EP Regulations. 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 Appropriate Authority, (Secretary of State for the Environment, Food and Rural Affairs, in England and the Welsh Ministers in Wales) Appeals must be made in accordance with the requirements of Regulation 31 and Schedule 6 of the EP Regulations.

Appeals should be received by the Secretary of State for Environment, Food and Rural Affairs or the Welsh Ministers at the following addresses:

The Planning Inspectorate
Environment Team, Major and Specialist Casework
Room 4/04 Kite Wing
Temple Quay House
2 The Square
Temple Quay
Bristol BS1 6PN

Or for appeals in Wales:

The Planning Inspectorate
Crown Buildings
Cathays Park
CARDIFF
CF10 3NQ

Please Note

An appeal bought under Regulation 31 (1) (b) and Schedule 6, 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 allows the Secretary of State in addition 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.

End of Introductory Notes

Permit

Permit Number: 1.2 Part B (d) EPR 03/19

Cannock Chase District Council (the Regulator) in exercise of its powers under Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016 (S.I.2016/1154) hereby permits

("the operator"),
Motor Fuel Limited

Whose registered offices are:
Motor Fuel Group,
Gladstone Place,
36-38 Upper Marlborough Road,
St Albans,
AL1 3UU

To operate an installation at:
Esso Rugeley Service Station,
Western Springs Road
Rugeley
WS15 2AS

Company Registration No. **5206547**

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

Signed

Head of Environment and Healthy Lifestyles
The Proper Officer Designated to sign of behalf of the Council
Cannock Chase District Council

Dated

INSTALLATION DESCRIPTION

The unloading of petrol from mobile containers into stationary storage tanks at Motor Fuel Limited, Esso Rugeley Service Station, Western Springs Road Rugeley, WS15 2AS. The service station has 8 storage tanks of which 4 store petrol.

CONDITIONS

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 mobile container 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 operator shall implement the schedule of preventative maintenance as referred to in pages 12-17 of this permit.

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 leak if there is likely to be an effect on the local community, and in all cases such a vapour leak should be recorded in the log book required under condition 24.

   In this condition and in condition 4, a vapour leak means any leak of vapour excepting those which occur through the vent mentioned in condition 11 during potentially hazardous pressurisation.

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. Instances of vapour lock shall be recorded in the log book and, under the circumstances detailed in condition 3, be advised to the regulator.

6. The procedures in conditions 2 to 5 inclusive shall be reviewed in light of any modifications which occur to the facilities. The regulator shall be advised of any proposed alterations in operating procedures.

7. The vapour collection systems shall be of a size and design, as approved by the regulator, to minimise vapour emissions during the maximum petrol and vapour flow in accordance with conditions 1 and 8 (i.e. when most tank compartments are being simultaneously discharged).

8. The number of tanker compartments being discharged simultaneously shall not exceed two.

9. 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.

10. The fittings for delivery and vapour return pipes shall be different to prevent misconnection.

11. Petrol storage tank vent pipes shall be fitted with a pressure vacuum relief valve 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.

12. 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.

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 line before off-loading" or similar wording. The sign shall also refer to the maximum number of tanker compartments which may be unloaded simultaneously in accordance with condition 8.

14. 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.

15. Road tanker compartment dip testing shall not be performed whilst the vapour hose is connected.

16. A competent person shall remain near the tanker and keep a constant watch on hoses and connections during unloading.

17. All road tanker compartment vent and discharge valves shall be closed on completion of the delivery.

18. 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.

19. All connection points shall be securely sealed after delivery.

20. If the storage tanks or road tanker compartments are dipped after delivery, the dip openings shall be securely sealed after dip testing.

21. 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.

22. Petrol delivery and vapour return lines shall be tested in accordance with the schedule of preventative maintenance as referred to in condition 2 or such other schedule as may be agreed by the regulator.

23. Pressure vacuum relief valves on petrol storage tank vents shall be checked for correct functioning, including extraneous matter, seating and corrosion at least once every three years.

24. 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 log book shall also detail any suspected vapour leak together with action taken to deal with any leak, in accordance with Conditions 3, 4 and 5.

25. Venting of the petrol vapour shall be through the vent pipes marked on the attached plan reference; page 11 of this permit. Vent pipes should normally discharge not less than 3 metres above the grounds, nor within 3 metres of any opening windows or ventilation air inlets.

26. Training

    All service station operators must follow the procedures for safe operation for petrol unloading operations laid down in petroleum licence conditions and in the Carriage of Dangerous Goods by Road Regulations 1996, SI 2095.

    Staff at all levels shall have the necessary training and instruction in their duties relating to control of the process and emissions to air. In order to minimise risk of emissions, particular emphasis should be given to control procedures during start up, shutdown and abnormal conditions.

    Training of all staff with responsibility for operating the process shall include:-

    - awareness of their responsibilities under the permit; in particular supervising and performing unloading operations of tankers
    - action to minimise emissions during abnormal conditions.

End of Conditions

Site Location

Cannock Chase COUNCIL

Site Location:
Esso Motor Fuel Ltd.
1.2 Pat B (d) EPR 03/19

NOT TO SCALE | DATE: February 2019

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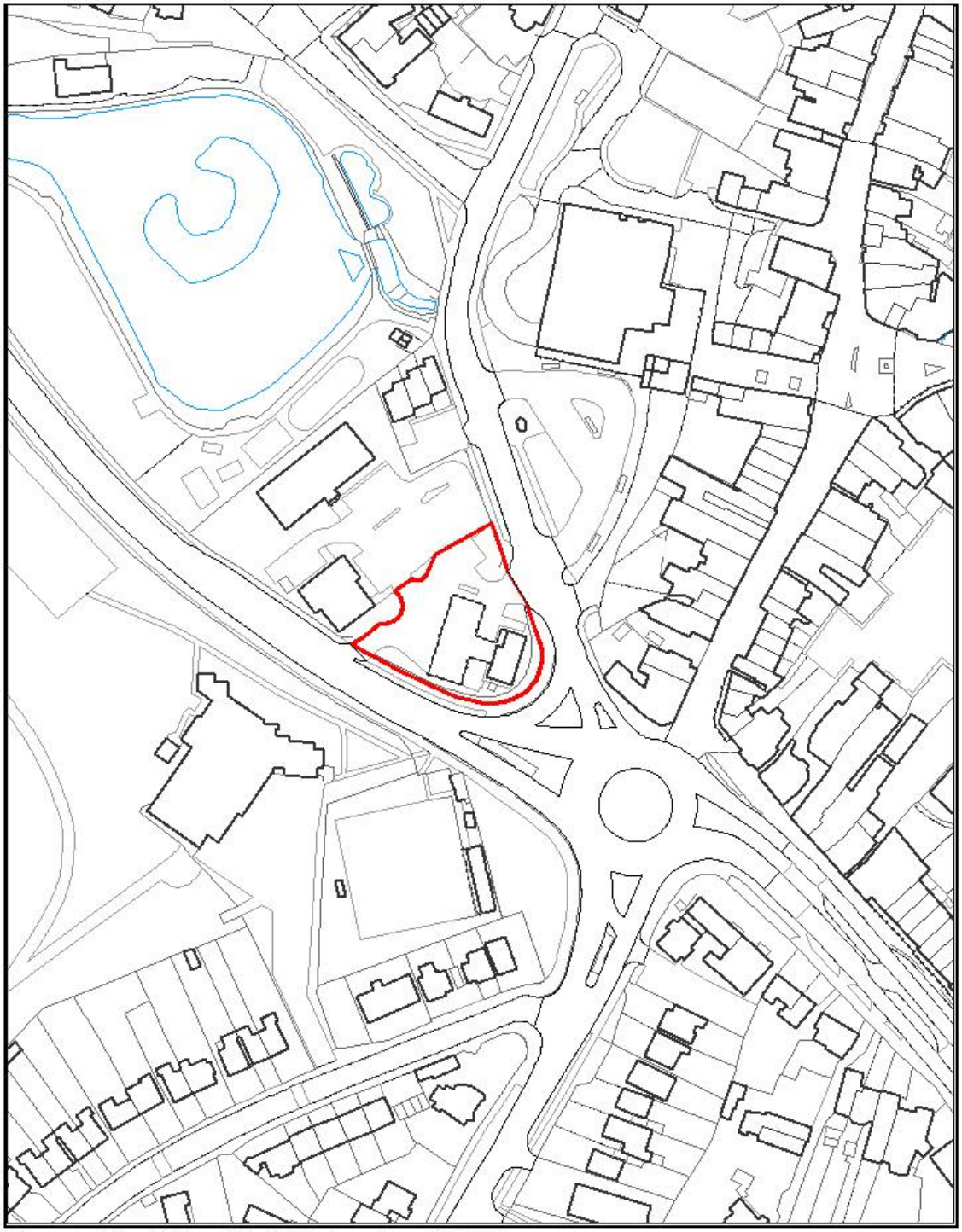
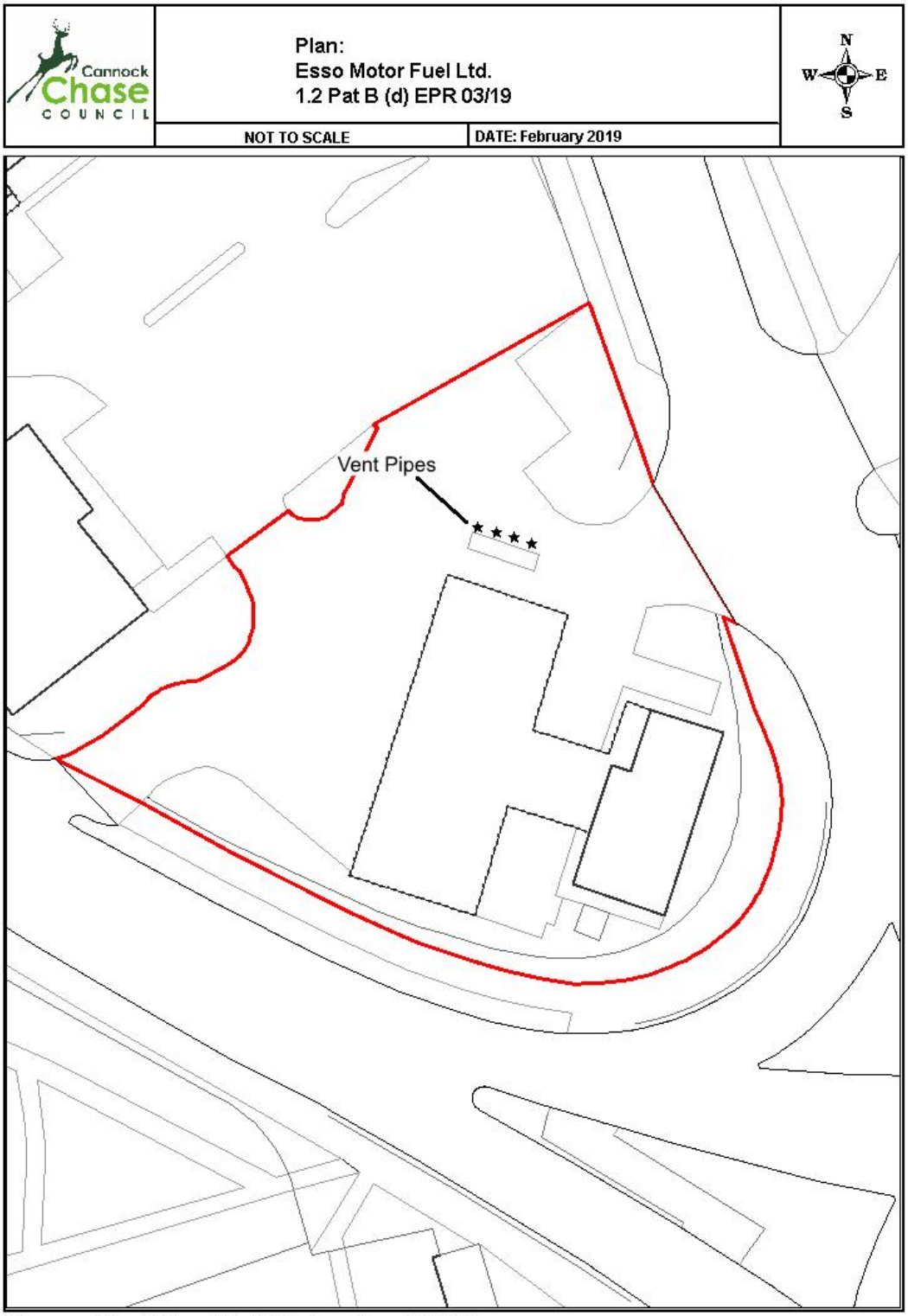


Site Plan



Schedule of Preventative Maintenance

Petroleum Retail Stations

Design and Construction

Petroleum Retail Stations must be designed and constructed in accordance with British Standards, APEA and Energy Institute guidance– specifically EI – "Design, Construction, Modification, Maintenance and Decommissioning of Filling Stations" 3rd Edition.

Deviation from these standards must be sought and agreed to prior construction.

Inspection and Maintenance

Correct levels of inspection and maintenance will be carried out to ensure the safe and efficient operation of storage tanks and associated product handling equipment – including the adoption of a plant / equipment defect system. See "Design, Construction, Modification, Maintenance, and Decommissioning of Filling Stations"

For safety critical equipment - where failure can affect the integrity of the installation – a robust inspection and maintenance routine must be adopted in line with industry standards. These are summarised in the chart below:

Safety Critical Safety Devices for Petroleum Retail Stations – Maintenance and Inspection

Plant /Equipment	Inspection & Maintenance	When	By Who	Relevant Standard or Guideline
Storage Tanks & Pipes	Monitored for leakage by real time wet stock monitoring systems. As such periodic testing is not required as lines are considered to be under test at all times. Inspection of leakage	Constant monitoring. Inspect only when leakage suspected	Wet stock monitoring systems e.g. Fairbanks. Accredited and competent tank maintenance and inspection Company.	EI Guidance for the Design, Construction, Modification and Maintenance of Petrol Filling Stations: • Section 8 o 8.3 o 8.4 o 8.6 o 8.8 o 8.9 • Section 11.5
Vapour Emission Control Systems – Stage 1 and 2	Vapour Recovery stage 1b Inspected for correct operation	Upon Modification If fault suspected The following items will receive a visual inspection or a full systems check on an annual alternating basis: • Vent system emission control device • PV valves and orifice plates	Accredited and competent pipework maintenance and inspection company.	EI Guidance for the Design, Construction, Modification and Maintenance of Petrol Filling Stations: • Section 10.2.12 (Testing Commissioning and Maintenance) • Annex 10.3 (Commissionin

		• Flame arresters – flame arrester elements • Vapour transfer hose integrity (when stored on site) • Vapour transfer hose electrical continuity (when stored on site) • Vapour connection point adapters including valves and lockable tethered dust caps • Positioning and clarity of safety signs • Manifold drain		g and Periodic Testing /Maintenance of Stage 1b System) Process Guidance Note 1/14(13)
	Vapour stage 1b – vapour containment integrity test	On commissioning every 5 years	Accredited and competent pipework maintenance and inspection company.	Process Guidance Note 1/14(13) – Section 4
	Vapour Stage 2 Containment Integrity Test	On commissioning Every 3 years vapour recovery system test Every 5 years vapour return line test. Integrity test will also occur on as a result of any substantial change to the system.	Accredited and competent pipework maintenance and inspection company.	Environmental Permitting (England & Wales) Regulations 2010 EI Guidance for the Design, Construction, Modification and Maintenance of Petrol Filling Stations: • 10.3.3 (Commissionin g and Testing) • 10.3.5 (Maintenance) • 10.3.6 (Maintenance Operations on Sites fitted with Stage 2 Vapour Recovery).
	Vapour Recovery stage 2 Inspected for correct operation.	5 Yearly inspection and testing of the following components:	Accredited and competent pipework maintenance and inspection company.	Environmental Permitting (England & Wales) Regulations 2010

	Records of maintenance will be held both on site in the 'Safe Operations Register' and electronically on RITA	• Visual inspection of flame arresters • Physical inspection of co-axial vapour hoses • Testing of vapour pump operation • Testing of regulating system • Visual inspection of non-return valves • Visual inspection of Isolation valves • Visual inspection of shear valves		EI Guidance for the Design, Construction, Modification and Maintenance of Petrol Filling Stations: • 10.3.3 (Commissioning and Testing) • 10.3.5 (Maintenance) • 10.3.6 (Maintenance Operations on Sites fitted with Stage 2 Vapour Recovery).
	Vapour Recovery Stage 2 calibration system	3 year check where monitoring system is fitted, annual check where one is not	Accredited and competent pipework maintenance and inspection company.	EI Guidance for the Design, Construction, Modification and Maintenance of Petrol Filling Stations: • 10.3.4 (Calibration)
	Vapour Recovery Stage 2 Pumps (only automatic systems installed)	On commissioning and every 3 years	Accredited and competent maintenance and inspection company.	Process Guidance Note 1/14(13) – Section 4
	Vapour recovery stage 2 visual assessment for damage and functionality verification	Daily as part of forecourt equipment Due Diligence checks	Site Operator	Environmental Permitting (Eng & Wales) Regulations 2010
High Level Alarms	*Strict procedure for accepting deliveries and 'Competent person' prevent overfills.*			Approved Code of Practice L133 – Unloading Petrol from Road Tankers
Bund Area and Bund Wall Integrity	Visual Inspection	Every 3 months	Retailer	Taken from FPS Guide to Good Practice – Depot Maintenance

				See appendix 6.1
Retail Dispensers	Maintenance Contracts in place for faults and repairs. Testing of Pumps Visual checks by Retail staff Hose replacement policy	If fault suspected Following repair or modification Daily/ weekly/ monthly When inspection indicates failure	Accredited and competent dispenser maintenance and inspection Company. Retailer	EI Guidance for the Design, Construction, Modification and Maintenance of Petrol Filling Stations section 9.7
Vehicle Unloading Facility – Discharge	Inspected if leak suspected	When leakage suspected	Accredited and competent pipework maintenance and inspection Company.	EI Guidance for the Design, Construction, Modification and Maintenance of Petrol Filling Stations: • 4.4.2 • 8.5.2.1 • 8.5.2.5 • 8.5.3 • 8.6.1.4 • 8.8.3 • 8.9.3 Approved Code of Practice L133 – Unloading Petrol from Road Tankers

Electrical Installations	Electrical equipment in hazardous area Portable equipment Circuits feeding car washes and other areas used by the public Electrical earthing Kiosk Fixed wiring	Annually / upon modification Every 24 months / upon modification Annually / upon modification Annually / upon modification Five years / upon modification	Accredited and competent electrical maintenance and inspection Company with 17th edition and CompEx qualifications or similar.	EI Guidance for the Design, Construction, Modification and Maintenance of Petrol Filling Stations • section 14.10 • annex 14.1 IEE Code of Practice for in-service Inspection and Testing of Electrical Equipment
Car / Jet Wash – Legionnella (above ground reclaim only)	As per risk assessment *MRHRRA02* Weekly temperature check and monthly bacteria sample from following risk areas: • Car wash reclaim tank • Car Wash intercept or • Building water storage tank Systems will be disinfected with biocide in the event of a positive result being obtained.	Weekly/Monthly As required	Retail Site Audit Provider Accredited and competent car wash maintenance and inspection Company.	The Control of Legionella Bacteria in Water Systems (ACOP L8) IP Legionella Assessment of Recycling Car Washes
Air Compressors	Written scheme of examination required	Variable - as indicated by previous written scheme of examination	Accredited and competent pressurised system maintenance and inspection Company.	Pressure System Safety Regulations 2000 Compresses air safety HSG39

LPG	1) Vessels 2) Vessel fittings, pressure relief valves 3) Pipework fittings 4) Routine inspections 5) Dispensers	10 years (unless underground without cathodic protection-seek advice) 5 years (unless stainless steel springs – then 10 years) 10 years Annually Twice per year	Accredited and competent pressurised system maintenance and inspection Company.	LPG Association, Code of Practice 1. Bulk LPG Storage at Fixed Installations Part 3 : 2000, Examination and Inspection Written scheme of examination required for 1 to 4 5) Advise of maintenance engineers
Interceptors	Inspection / cleaning	6 months	Accredited and competent waste disposal Company	EI, Guidelines for soil, groundwater and surface water protection and vapour emission control at petrol filling stations
Fire Extinguishers / Alarms	Inspection	Annual	Accredited and competent fire appliance Company	Regulatory Reform (Fire Safety) Order 2005
Coffee Machines with pressurised boilers	Inspection	Every 14 months	Accredited maintenance company	Pressure System Safety Regulations 2000