

Standard Rules **SR2011 NoXX** – Unloading of Petrol into Storage at Petrol Stations from Mobile Containers and Motor Vehicle Refuelling Activities (Petrol Vapour Recovery Stages I & II)

Introductory note

This introductory note does not form part of these standard rules

When referred to in a permit, these rules will allow the operator to operate an installation undertaking the specified activities, at the specified location, provided that the permitted activities are not carried out within a European Site, Ramsar site or a Site of Special Scientific Interest (SSSI).

These standard rules cover the unloading of petrol from mobile containers, such as road tankers, into stationary storage tanks at a service station (Stage I), and the refuelling of motor vehicles at service stations (Stage II). Deliveries of petrol can occur at any time and may occur outside normal operating hours.

The Rules have been developed with reference to PGN1/14(06) Unloading of Petrol into Storage at Petrol Stations. Where any term in the Rules has not been defined in the Interpretation Section, reference should be made to the PGN for clarification.

End of introductory note

Standard Rules

1 Permitted Activities

1.1 The operator is permitted to carry out the activities specified in Table 1 below ("the activities").

Table 1 - Activities

Description of Activities
The activities fall within Schedule 1 Chapter 1 Section 1.2 of the Regulations, namely:
Part B (c)(ii) – the unloading of petrol into stationary storage tanks at a service station where the total quantity of petrol unloaded into such tanks at the service station in any 12 month period is likely to be equal or greater than 500m ³
And
Part B (d) – motor vehicle refuelling activities at existing service stations, where the petrol refuelling throughput at the service station in any period of 12 months commencing on or after 01 January 2009 is, or is likely to be, 3500m ³ or more;
Or
Part B (e) – motor refuelling activities at new service stations, where the petrol refuelling throughput at the service station in any 12 month period is likely to be 500m ³ or more.

2 The Site

- 2.1 The activities shall not extend beyond the site, as specified in the permit.
- 2.2 The activities shall not be carried out within the boundary of a European Site, RAMSAR Site or a SSSI.

3 Petrol Delivery

- 3.1 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.
- 3.2 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.

4 Motor Vehicle Refuelling

- 4.1 Motor vehicle refuelling 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 4.2.
- 4.2 The petrol vapour capture efficiency of the Stage II petrol vapour recovery system shall be equal to or greater than 85% as certified by the manufacturer in accordance with relevant European technical standards or type approval procedures.

- 4.3 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.
- 4.4 The in-service petrol vapour capture efficiency of the Stage II petrol vapour recovery systems shall be tested at least once a year by checking that the vapour/petrol ratio under simulated petrol flow conditions, or by any other appropriate methodology, meets the requirements of Condition 4.2.
- 4.5 Where an automatic monitoring system has been installed, the petrol vapour capture efficiency shall be tested at least once every three years. 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.
- 4.6 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.

5 Incident Reporting

- 5.1 In the event of any incident at the site, the operator shall notify SEPA by telephone without delay.

6 Interpretation

- 6.1 In these standard rules, the expressions listed below shall have the meaning given.

“European Site” means a Special Area of Conservation or Special Protection Area as defined in the Conservation (Natural Habitats, &c.) Regulations 1994.

“incident” means any of the following situations:

- where an accident occurs which has caused or may have the potential to cause pollution;
- where any malfunction, breakdown or failure of plant or techniques is detected which has caused or may have the potential to cause pollution;
- where an emission of any pollutant not authorised to be released under any condition of the permit is detected.

“new service station” means a service station which is put into operation on or after 31 December 2011 other than an existing service station.

“SSSI” means Site of Special Scientific Interest as defined in the Nature Conservation (Scotland) Act 2004 as amended.

“the Regulations” means the Pollution Prevention and Control (Scotland) Regulations 2000 SSI 2000/323 and any words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

End of standard rules

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