

Attachment C3_1

Part C3 accompanying information

1 What activities are you applying to vary?

Table 1a

Schedule 1 listed activities			
Installation name	Schedule 1 references	Description of the Activity	Activity capacity
Tranmere Oil Terminal	Permit currently states: Section 1.2 A(1)(h)(i) Crude oil processing and handling Suggested revision based on updated legislation: Section 1.2 Part A(1)(e)– The loading, unloading or other handling of, the storage of, or the physical, chemical or thermal treatment of crude oil (Oil movements)	Addition of gasoline loading facilities to ship at Tranmere, including a Vapour Recovery Unit (VRU) in order to comply with BAT 52. Removal of South Interceptor W2 and re-route of water from South Interceptor Drainage into North Interceptor.	>1million m3 of gasoline loading per annum

2 Point source emissions to air, water and land

Table 2

Point source emissions to air

Emission point reference and location	Source	Parameter	Quantity	Unit
See Attachment C2_2				

Point source emissions to Water

See Attachment C2_2

3 Operating techniques

Table 3

3a Technical Standards

Installation name	Tranmere Oil Terminal	
Description of the schedule 1 activity or directly associated activity	Best available technique (BATC, BREF or TGN reference)	Document reference (if appropriate)
Section 1.2 Part A(1)(e)– The loading, unloading or other handling of, the storage of, or the physical, chemical or thermal treatment of crude oil (Oil movements) Gasoline loading at Tranmere Oil terminal, including a VRU to comply with BAT 52.	BAT 52	

Table 5

3c Types and amounts of raw materials

Name of the installation		Tranmere Oil Terminal		
Capacity		Hazardous Substance Consent Volumes: Petroleum products (34a-e) 217843 tonnes (includes diesel and gasoline) Flammable liquids (Part 1, P5a) 815000 tonnes (includes Crude Oil)		
Schedule 1 Activity	Description of raw material and composition	Maximum amount (tonnes)	Annual throughput (tonnes each year)	Description of the use of the raw material including any main hazards (include safety data sheets)
Section 1.2 Part A(1)(e)– The loading, unloading or other handling of, the storage of, or the physical, chemical or thermal treatment of crude oil (Oil movements)	Crude Oil Diesel Gasoline	No change No change 300tonnes (maximum volume at Tranmere terminal)	No change No change >1 million m3	Crude oil is used as the main feedstock for the Stanlow refinery. The Stanlow refinery produces a range of hydrocarbon fuels. These include diesel and gasoline. Diesel fuel can also be imported into Tranmere in order to supplement the production from Crude feedstocks. Safety Data Sheets - see Attachments C3_2, 3 & 4

4 Monitoring

4a Describe the measures you use for monitoring emissions by referring to each emissions point in Table 2 above:

With reference to Figure 4(a), a CEMs certified quality instrument will be installed in the new VRU vent stack. This will measure the NMVOC concentration in the vent stack emissions

A Standard Reference Method (SRM) nozzle will be fitted to the stack. This will enable periodic measurements such as homogeneity testing and SRM sampling for QAL 2 and AST, etc.

The design details of the CEMs instrument are currently being finalised by the project design team. This attachment will be updated with the design details once these are available.

6 Resource efficiency and climate change

New equipment installed as part of this project has been designed to current standards and will therefore be more energy efficient than existing equipment.

There will be no change to the use of raw and other materials / substances and water that will be used at the Tranmere terminal following installation of the new project.