

Notice of variation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

LANXESS SOLUTIONS UK LTD

LANXESS SOLUTIONS UK LTD

Tenax Road
Trafford Park
Manchester
MN17 1WT

Variation application number

EPR/QP3509MZ/V004

Permit number

EPR/QP3509MZ

LANXESS SOLUTIONS UK LTD

Permit number EPR/QP3509MZ

Introductory note

This introductory note does not form a part of the notice

The following notice gives notice of the variation of an environmental permit.

The plant consists of two existing medium combustion plants (MCP) fuelled by natural gas with gas oil as backup fuel: 2 x 9.335MWth boilers. The site also contains two existing MCP which are: 2 x 2.1MWth natural gas boilers with gas oil as a backup fuel, although these have not been included as part of the MCPD review. The total rated thermal input of all MCP is 22.87MWth.

The permit has been reviewed against the requirements of the Medium Combustion Plant Directive (MCPD) for 2025 and relevant conditions and monitoring requirements have been added.

The schedules specify the changes made to the original permit.

We consider that in reaching our decision to vary the permit we have taken into account all relevant considerations and legal requirements and that the permit will ensure at least an equivalent level of protection to human health and the quality of the environment.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Application EPR/BU5836IT/A001	21/03/2003	
Request to extend determination	24/07/2003	Request accepted 31/07/03
Permit determined EPR/BU5836IT	22/10/2003	Original permit issued to Dalkia Utilities Services Plc, Elizabeth House, 56-60 London Road, Staines, Middlesex, TW18 4BQ
Notified of change of company name and company registered address	16/12/2014	Company name and company registered address changed from Dalkia Utilities Services Plc, Elizabeth House, 56-60 London Road, Staines, Middlesex, TW18 4BQ to Veolia Energy & Utility Services UK Plc, 210 Pentonville Road, London, N1 9JY
Variation issued EPR/BU5836IT/V002	28/01/2015	Varied permit issued to Veolia Energy & Utility Services UK Plc

Status log of the permit		
Description	Date	Comments
Application EPR/QP3509MZ/T001 (full transfer of permit EPR/ BU5836IT)	Duly made 18/11/2021	Application to transfer the permit in full to LANXESS SOLUTIONS UK LTD.
Transfer determined EPR/QP3509MZ	03/12/2021	Full transfer of permit complete.
Application EPR/QP3509MZ/V004 (variation)	Regulation 61 Notice response received 06/09/2024	Environment Agency initiated variation following Medium Combustion Plant permit review.
Further information provided	11/11/2024	Updated MCP spreadsheet provided
Variation determined and consolidation issued EPR/ QP3509MZ	10/01/2025	Varied permit issued

Other Part A installation permits relating to this installation		
Operator	Permit number	Date of issue
Lanxess Solutions UK Ltd	BM0273IJ	17/07/17
Exel Europe Limited	BU5828IC	22/10/2003

End of introductory note

Notice of variation

The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number

EPR/QP3509MZ

Issued to

LANXESS SOLUTIONS UK LTD (“the operator”)

whose registered office is

Accounts Department

Tenax Road

Trafford Park

Manchester

M17 1WT

company registration number 02624692

to operate a regulated facility at

LANXESS SOLUTIONS UK LTD

Tenax Road

Trafford Park

Manchester

MN17 1WT

to the extent set out in the schedules.

The notice shall take effect from 10/01/2025

Name	Date
Beccy Brough	10/01/2025

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

None

Schedule 2 – conditions to be amended

The following conditions are amended as detailed, following an Environment Agency initiated variation:

- Table 1.1.1 as referenced by conditions 1.1.1, 2.1.2 and 2.10.11 is amended to add details of MCP and add an activity reference:

Table 1.1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
Directly Associated Activity			
AR1	Steam/Heat from operation of a Schedule 25A Medium Combustion Plant	2 x 9.335MWth natural gas boilers, with gas-oil as backup, which are existing MCP. Supply of steam, thermal fluid and compressed air. Combustion of vent-off gases.	From receipt of fuel to release of products of combustion to air. Unrestricted operating hours for both MCP. Includes effluent discharge to Great Lakes effluent pre-treatment plant

- Table 2.10.1 as referenced by condition 2.10.2 is amended to add details of MCP and to add relevant monitoring for emission points A1 (Boiler 1) and A2 (Boiler 2):

Table 2.10.1 Other monitoring requirements						
Emission point ref. & location	Source/technology	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 & A2	Boiler 1 operated on Natural Gas or Gas Oil (A1) Boiler 2 operated on natural Gas or Gas Oil (A2) Note 1	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	200mg/m ³ Limit applies from 01/01/2025	Periodic	Annual	MCERTS BS EN 14792
		Carbon Monoxide	No limit set	Periodic	Annual	MCERTS BS EN 15058
		Particulates (mg/m ³)	No limit set		Annual	BS EN 13284-1
A3	Thermal Fluid Heaters	Oxides of Nitrogen	No limit set		Annual	ISO10849

		(NO and NO ₂ expressed as NO ₂)				
		Carbon Monoxide	No limit set		Annual	ISO12039
		Particulates (mg/m ³)	No limit set		Annual	BS EN 13284-1

Note 1: Monitoring requirements are defined at a temperature of 273.15 K, a pressure of 101.3 kPa and after correction for the water vapour content of the waste gases at a standardised O₂ content of 6% for solid fuels, 15% for engines and gas turbines and 3% all other MCPs.

- Table S3 as referenced by condition 4.1.2 is amended to update the emissions to air reporting form:

Table S3 Reporting forms		
Media/parameter	Reporting format	Date of form
Energy	E1	
Minor Operational Changes	MOC1	
Point source emissions to air	Emissions to Air Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021

Note: Form E1 shall be completed for the installation as a whole, but the report shall only be made in Permit number BM0273.

- Condition 6.1.1 is amended to include additional interpretations as follows:

“compliance date” means 01/01/2025 for existing MCPs with net rated thermal input of greater than 5MWth or 01/01/2030 for existing MCPs with a net rated thermal input of less than or equal to 5MWth.

“existing medium combustion plant” means an MCP in operation before 20 December 2018.

“medium combustion plant” or “MCP” means a combustion plant with a net rated thermal input equal to or greater than 1 MW but less than 50 MW.

“Medium Combustion Plant Directive” or “MCPD” means Directive 2015/2193/EU of the European Parliament and of the Council on the limitation of emissions of certain pollutants into the air from medium combustion plants, into the air from medium combustion plants, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“operating hours” means the time, expressed in hours, during which a combustion plant is operating and discharging emissions into the air, excluding start-up and shut-down periods.

Schedule 3 – conditions to be added

The following conditions are added following an Environment Agency initiated variation:

2.1.2 For the following activities referenced in Condition 1.1.1, Table 1.1.1 (AR1):

- (a) the operator must keep periods of start-up and shut down of the combustion plant as short as possible.
- (b) there shall be no persistent emission of ‘dark smoke’ as defined in section 3(1) of the Clean Air Act 1993.

Table 2.4 as referenced by condition 2.4.1.1 is added to Operating Techniques - 2.4 Efficient use of raw materials:

Table 2.4 Raw materials and fuels	
Raw materials and fuel description	Specification
Gas Oil or an equivalent substitute to be agreed in writing with the Environment Agency	Sulphur Content 0.1% max

2.10.11 For the following activities referenced in Condition 1.1.1, Table 1.1.1 (AR1):

- (a) For existing MCP Monitoring measurements shall be carried out within four months of the issue date of this notice.

2.10.12 Monitoring of MCP shall not take place during periods of start-up or shut down.

3.2 The operator shall maintain a record of the type and quantity of fuel used and the total annual operating hours for each MCP.

5.1.8 The operator shall notify the Environment Agency, as soon as is practicable, in writing of any change of MCP at the specified location.