Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2010

Mexichem UK Limited

Runcorn Halochemicals Manufacturing
PO Box 9
Rocksavage Site
Runcorn
Cheshire
WA7 4JE

Variation application number

EPR/QP3535TE/V004

Permit number

EPR/QP3535TE

Runcorn Halochemicals Manufacturing
Permit number EPR/QP3535TE

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.

This Variation is to permit the receipt of waste hydrogen fluoride (HF). The HF will be treated within the current HF plant.

The schedules specify the changes made to the original permit.

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 BS5479IG (A001) (under PPC 2000)	08/12/04	Application for permit by INEOS Fluor Ltd
Permit issued	21/07/05	
Variation request KP3932MM (V002) (under PPC 2000)	23/11/06	To include WCL
Variation determined KP3932MM	15/01/08	Varied permit issued
Variation request EPR/BS5479IG/V003 (under EPR 2010)	06/04/10	Arcton 22 plant shutdown
Variation determined EPR/BS5479IG	27/07/10	Varied permit issued
Application to transfer EPR/QP3535TE/T001	28/04/10	Application to transfer the permit in full to Mexichem UK Limited.
Transfer Issued EPR/QP3535TE/T001	27/07/10	Full transfer of permit complete
Application for variation EPR/QP3535TE/V002	31/01/12	Re-introduce HCFC 22 plant
Additional information received	29/03/12	Clarification of aspects of the application
Variation determined EPR/QP3535TE	10/04/12	Varied permit issued.
Agency variation determined EPR/QP3535TE/V003	16/01/14	Agency variation to implement the changes introduced by IED
Variation application EPR/QP3535TE/V004	Duly made 11/07/14	Variation to process waste hydrogen fluoride
Variation issued EPR/QP3535TE/V004	14/07/14	

End of introductory note

Notice of variation

Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

Permit number
EPR/QP3535TE

issued to:
Mexichem UK Limited ("the operator")

whose registered office is

The Heath Business & Technical Park
Runcorn
Cheshire
WA7 4QX

company registration number **07088219**

to operate a regulated facility at

Runcorn Halochemicals Manufacturing
PO Box 9
Rocksavage Site
Runcorn
Cheshire
WA7 4JE

to the extent set out in the schedules.

The notice shall take effect from 14/07/2014

Name	Date
Anne Nightingale	**14/07/2014**

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 a result of the application made by the operator.

Table 1.1.1 is amended to include a new directly associated activity. The amended table is as follows.

Table 1.1.1 activities		
Activity listed in Schedule 1 of the EP Regulations	**Description of specified activity and WFD Annex I and II operations**	**Limits of specified activity and waste types**
Section 4.1 A(1)(a)(vi) – "Producing organic chemicals such as… organic compounds containing halogens	Production of several chloro-fluoro organic carbon compounds	Receipt of raw materials to despatch of finished product.
Section 4.2 A(1)(a)(i) – "Producing inorganic chemicals such as… gases, such as … hydrogen fluoride…";	Production of hydrogen fluoride	Receipt of raw materials to despatch of finished product.
Section 4.2 A(1)(a)(iv) – "Producing inorganic chemicals such as… salts, such as… sodium hypochlorite	Production of sodium hypochlorite, calcium fluoride and sodium bromide/bromate	Receipt of raw materials to despatch of finished product. In the case of the CEP, receipt of lime and general plant effluent arisings to the discharge to the West Clifton Lagoon
Section 4.2 A(1)(b) – "Any manufacturing activity which is likely to… release into the air… hydrogen halides or… halogens…"	Activities that may release hydrogen chloride and/or hydrogen fluoride to air	Receipt of raw materials to despatch of finished product, and in the case of the VTP, discharge of combustion products to air
Section 5.4 A(1)(a)(ii) – "Disposal of non-hazardous waste in a facility with a capacity exceeding 50 tonnes per day by physico-chemical treatment…"	Flocculation, settlement and filtration of solids from effluent. Removal of solids from West Clifton Lagoon (WCL)	From receipt of effluent arisings from CEP to despatch of solids to landfill, and discharge of liquors to Weaver Navigation canal
Directly Associated Activity		
Waste storage and handling	Storage and handling of all waste material	Production of waste to the disposal from the Permitted Installation as described in the application
Utilities and services provision	Provision of utilities and services to support all operations	Utilities and services used in the Permitted Installation as described in the application

Table 1.1.1 activities		
Activity listed in Schedule 1 of the EP Regulations	**Description of specified activity and WFD Annex I and II operations**	**Limits of specified activity and waste types**
Effluent treatment	Collection and treatment, if applicable, at several effluent treatment plants	From entry to the site drainage systems to discharge to controlled waters as described in the application
Use of waste hydrogen fluoride	Storage and treatment of hydrogen fluoride in the HF3 plant	From receipt of hydrogen fluoride to removal of treated material Waste types as specified in table B2.1.2 of annex B

Table B2.1.1in annex B is amended to include new operating techniques. The amended table is as follows.

Table B2.1.1 Operating techniques (HF3 Plant)		
Description	**Parts**	**Date received**
Application	The response to questions 2.1 and 2.2 given in sections 2.0, 2.1 and 2.2 of the HF3 part of the application	08/12/04
Application	The response to questions 2.10 in respect of monitoring methods and monitoring frequency described in section 2.10 of the HF3 part of the application	08/12/04
Additional information	Additional information supplied by the operator in several letters	04/05/05, 08/06/05
Variation application (EPR/QP3535TE/V004)	The response to question 3 of application form C3	11/07/14

Schedule 3 – conditions to be added

The following condition is added to annex B as a result of the application made by the operator.

2.1.2 Waste shall only be accepted if:

(a) it is of a type and quantity listed in tables B2.1.2 ; and

(b) it conforms to the description in the documentation supplied by the producer and holder.

Table B2.1.2 Permitted waste types and quantities for the hydrogen fluoride plant	
Maximum quantity	**10 tonnes per day**
Waste code	**Description**
16	Wastes not otherwise specified in the list
16 05	Gases in pressure containers and discarded chemicals
16 05 07*	Discarded inorganic chemicals consisting of or containing dangerous substances