

Surrender notice with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Morganite Electrical Carbon Limited

**Electrical Carbon, Swansea
Upper Fforest Way
Morriston
Swansea
SA6 8PP**

Surrender application number

EPR/VP3339PD/S013

Permit number

EPR/VP3339PD

Electrical Carbon, Swansea

Permit number EPR/VP3339PD

Introductory note

This introductory note does not form a part of the notice

The following notice gives notice of the surrender in part of an environmental permit.

This is a part surrender to remove an area of land from the installation's permit boundary (north eastern area of the installation) and consolidation of the permit.

The land being removed from the permit was the location of the Raw Materials Processing Unit (RMPU) building. Since its construction in the late 1960s, the RMPU building was used to prepare and store blended carbon materials/powders and has not been used for any other activity or function. The RMPU was made redundant in October 2017 and the building was demolished in early 2018.

There have been no pollution incidences associated with this area of land and the building.

Any changes made as a result of the part surrender are set out in the Schedules.

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 VP3339PD (EPR/VP3339PD/A001)	Duly made 11/03/2004	
Additional Information Received	Requested 04/08/2004	Received 27/08/2004, 20/09/2004
Permit determined VP3339PD (EPR/VP3339PD/A001)	06/05/2005	
Regulation 16 Notice* Application	14/06/2005	
Regulation 16 Notice Determined	05/07/2005	
Variation application EP3533LE (EPR/VP3339PD/V002)	Duly made 30/10/2005	
Variation determined EP3533LE (EPR/VP3339PD/V002)	05/01/2006	

Variation application EP3536LY (EPR/VP3339PD/V003)	Duly made 05/06/2006	
Variation determined EP3536LY (EPR/VP3339PD/V003)	04/09/2006	
Variation application CP3331MX (EPR/VP3339PD/V004)	Duly made 21/12/2006	
Variation determined CP3331MX (EPR/VP3339PD/V004)	04/05/2007	
Variation application EPR/VP3339PD/V005	Duly Made 04/03/2011	
Variation determined EPR/VP3339PD/V005	17/06/2011	
Agency variation determined EPR/VP3339PD/V006	04/03/2013	Agency variation to implement the changes introduced by IED
Part Surrender application EPR/VP3339PD/S007	Duly Made	Part surrender of non-process areas of the site
Additional information received	31/05/2016	Plan showing new installation boundary
Part Surrender determined EPR/VP3339PD/S007	18/07/2016	Part surrender issued
Regulation 60 Notice dated 25/07/16 (Notice requiring information for statutory review of permit)	Response received 14/12/2016	Technical standards detailed in response to the information notice. Information to demonstrate that relevant BAT conclusions are met for non-ferrous metal production
Variation application EPR/VP3339PD/V008	Duly Made 24/01/2017	
Application EPR/ EPR/VP3339PD/V008 (Variation and Consolidation)	03/04/2017	Variation and consolidation following the implementation of IED. In addition, a normal variation to add a new LMC and extruder process has been completed.
Variation application EPR/VP3339PD/V009	Duly Made 12/02/2018	
Application EPR/ EPR/VP3339PD/V009 (Variation and Consolidation)	23/03/2018	Normal variation to make several changes within the LMC process.
Variation application EPR/VP3339PD/V010	Duly Made 29/10/2018	Application to move site waste handling and review sites discharge to sewer.
Variation determined EPR/VP3339PD/V010	30/11/2018	Variation determined

Part Surrender application EPR/VP3339PD/S011	Duly Made 06/08/2019	Application to surrender the permit in part – to surrender areas of nonprocess.
Part Surrender determined EPR/VP3339PD/S011	23/10/2019	Part surrender issued
Variation Application EPR/VP3339/V012	Duly Made 08/02/2021	Application to change abatement and stack height at emission point A15
Variation Determined EPR/VP3339/V012	18/06/2021	Variation issued to Morganite Electrical carbon Limited
Part Surrender application EPR/VP3339PD/S013	Duly Made 25/11/2021	Application to surrender the permit in part- to surrender the land of the former RMPU Building
Part Surrender determined EPR/VP3339PD/S013	28/01/2022	Part surrender and consolidated permit issued to Morganite Electrical carbon Limited

End of introductory note

Notice of surrender

The Environmental Permitting (England and Wales) Regulations 2016

The Natural Resources Body for Wales (“Natural Resources Wales”) in exercise of its powers under regulation 25 of the Environmental Permitting (England and Wales) Regulations 2016 accepts the surrender in part of

Permit number

EPR/VP3339PD

issued to

Morganite Electrical Carbon Limited (“the operator”)

whose registered office is

Upper Fforest Way

Morryston

Swansea

West Glamorgan

SA6 8PP

company registration number 01034653

to operate a regulated facility at

Electrical Carbon, Swansea

Upper Fforest Way

Morryston

Swansea

SA6 8PP

to the extent set out in the schedules.

The notice shall take effect from 28/01/2022

Signed

Date

Holly Noble

28/01/2022

Authorised on behalf of Natural Resources Wales

Schedule 1- changes to the permit

Note: The conditions numbers used in this schedule refer to those in the consolidated permit.

The following conditions have been varied as a result of the application made by the operator.

- 3.1.3 Where a substance is specified in schedule 3 table S3.2 but no limit is set for it, the concentration of such substance in emissions to water from the relevant emission point shall be no greater than the background concentration
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by Natural Resources Wales

Table S3.1 Point source emissions to air – emission limits and monitoring requirements

Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A2 on Site Boundary and Emissions Point Plan in Schedule 7	Production Line 1	-	-	-	-	-
A3 on Site Boundary and Emissions Point Plan in Schedule 7	LMC decompression exhaust	-	-	-	-	-
A8 on Site Boundary and Emissions Point Plan in Schedule 7	Production Line 4, G building	-	-	-	-	-
A9 on Site Boundary and Emissions Point Plan in Schedule 7	Metal Spraying	-	-	-	-	-
A10 on Site Boundary and Emissions Point Plan in Schedule 7	Dust plant	Lead	2 mg/Nm ³	Spot Sample	Quarterly	BS EN 14385:2004
		Copper	2 mg/Nm ³			
		Antimony	2 mg/Nm ³			
		Total Particulate	5 mg/Nm ³	Hourly Average	Annual	BS ISO 13284-1:2002
A11 on Site Boundary and Emissions Point Plan in Schedule 7	LMC pre-heat furnaces	-	-	-	-	-
A15 on site plan in schedule 7	Production Line 1	Total Particulates	4 mg/Nm ³	Hourly Average	Annual	BS ISO 13284-1:2002
		BaP	0.005 mg/Nm ³ (Note 1)			ISO 11338
A19 on Site Boundary and Emissions Point Plan in Schedule 7	Production Line 4, G building	Total Particulate	5 mg/Nm ³	Hourly Average	Annual	BS ISO 13284-1:2002
A27 on Site Boundary and Emissions Point Plan in Schedule 7	Production Line 1	Sulphur Dioxide	2900 mg/Nm ³	24 Hourly Average	Annual	CEN/TS 17021
		Oxides of Nitrogen (expressed as NO ₂)	150 mg/Nm ³			BS ISO 14792:
		Total Particulate	10 mg/Nm ³			BS ISO 13284-1:

Table S3.1 Point source emissions to air – emission limits and monitoring requirements

		BaP	0.01 mg/Nm ³ (Note 1)			ISO 11338
A28 on Site Boundary and Emissions Point Plan in Schedule 7	Production Line 1	Sulphur Dioxide	2900 mg/Nm ³	24 Hourly Average		CEN/TS 17021
		Oxides of Nitrogen (expressed as NO ₂)	150 mg/Nm ³		Annual	BS ISO 14792
		Total Particulate	10 mg/Nm ³	Hourly Average		BS ISO 13284-1:2002
		BaP (note 1)	0.01 mg/Nm ³			ISO 11338
A39 on Site Boundary and Emissions Point Plan in Schedule 7	EHT, G building	-	-	-	-	-
A61 on Site Boundary and Emissions Point Plan in Schedule 7	Production Line 1	Sulphur Dioxide	2900 mg/Nm ³	24 hourly average	Annual	CEN/TS 17021
		Oxides of Nitrogen (expressed as NO ₂)	150 mg/Nm ³			BS ISO 14792
		Total Particulate	10 mg/Nm ³	Hourly average		BS ISO 13284-1:2002
		BaP	0.01 mg/Nm ³ (note 1)			ISO 11338
A62 on Site Boundary and Emissions Point Plan in Schedule 7	LMC	-	-	-	-	-
A63 on Site Boundary and Emissions Point Plan Schedule 7	Small batch plating (tin, copper, silver plant)	-	-	-	-	-
A64 on Site Boundary and Emissions Point Plan in Schedule 7	Ceramic and zinc spray booth	-	-	-	-	-
A65-A69 on Site Boundary and Emissions Point Plan in Schedule 7	LMC pressure and depressurisation. Emergency pressure release valves	-	-	-	-	-

Note 1 – Compliance will be shown through completion of Improvement Condition 13

Table S4.2: Annual production/treatment

Parameter	Units
N/A	N/A

Table S4.3 Performance parameters

Parameter	Frequency of assessment	Units
Energy usage	Annually	MWh
Waste disposal and/or recovery	Annually	tonnes

Schedule 2 – consolidated permit

Consolidated permit issued as separate document.