

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

VIL Resins Limited

Bolton Resins
Union Road
Bolton
BL2 2DT

Variation application number

EPR/BM0311IN/V003

Permit number

EPR/BM0311IN

Bolton Resins

Permit number EPR/BM0311IN

Introductory note

This introductory note does not form a part of the notice

Under the Environmental Permitting (England & Wales) Regulations 2016 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made. All the conditions of the permit have been varied and are subject to the right of appeal.

This variation is for the following changes:

- Installation of a new 20 tonne capacity reactor to replace a 2.5 tonne unit in Building 1
- Installation of a new 1.745 MW natural gas fired boiler
- Bulk solids handling system comprising of a big bag discharger, lump breaker and an aeromechanical conveying system
- Installation of a new 20m³ storage silo.

It also includes medium combustion plant directive (MCPD) requirements for the existing boilers that will apply from 2030.

The main features of the Installation are as follows

The installation specialises in the manufacture of resins, using esterification, addition reactions and polymerisation. The resins include water and solvent based systems such as alkyds, polyesters, acrylics, epoxy esters, emulsion resins and low VOC alkyd resins.

The installation occupies approximately 5 acres (2.03 hectares) 2km to the north east of Bolton town centre. The installation is located within an area of industrial works within Tonge Moor Industrial Estate and Union Road. Grid reference is 372194 410289. The installation is bordered on three sides by the River Tonge. The closest residential properties are approximately 150m from the site boundary on the other side of the River Tonge.

The site has the usual services associated with the operation of an installation of this nature (maintenance, laboratories, Quality Control, sales and other office services.

Materials utilised are acids (e.g benzoic acid), alcohols, solvents (e.g white spirit, butanol, Xylene, acetates, esters and other hydrocarbons) and monomers (e.g acrylic acid, acrylates, styrene). Reactions take place within temperature controlled reactor systems and once complete, the product is discharged to another tank at ground floor level (ground tanks) where it is mixed with a solvent, filtered and blended prior to discharge to bulk tank storage. Products are then transferred to bulk tanker or smaller packages as required. Aqueous waste streams are collected, treated with sodium hydroxide for pH control and then discharged to sewer after approval from the sewerage undertaker.

Discharges to atmosphere are controlled by fusion and condenser systems which recirculate emissions back to the reactors. The fusion systems create a liquid effluent for disposal.

Blending tanks are connected to condensers cooled by chilled water from cooling towers.

Rainwater from roofs is discharged to the river, whilst all other surface water is discharged to sewer. Waste water from processes is collected, pH adjusted and then discharged to sewer under Trade Effluent Consent issued by the Sewerage Undertaker.

The installation is accredited to ISO14001 and ISO9001 and has detailed management systems in place.

The schedules specify the changes made to the permit.

We consider that in reaching our decision to vary the permit we have taken into account all relevant considerations and legal requirements. We are satisfied that the permit will ensure that a high level of protection is provided for the environment and human health and that the activities will not give rise to any significant pollution of the environment or harm to human health.

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 BM0311IN (EPR/ BM0311IN/A001)	Duly made 19/04/06	
Permit determined	21/12/06	
Variation WP3439GN (EPR/ BM0311IN/V002)	24/11/08	New blending tank in building 2
Variation application (EPR/BM0311IN/V003)	Duly made 13/04/2021	20 tonne capacity reactor, 1.745 MW natural gas fired boiler, bulk solids handing system, 20m ³ Storage Silo
Variation issued (EPR/BM0311IN/V003)	08/10/2021	

End of introductory note

Notice of variation and consolidation

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/BM0311IN

Issued to

VIL Resins Limited ("the operator")

whose registered office is

Union Road

Bolton

BL2 2DT

company registration number 0338691

to operate a regulated facility at

Bolton Resins

Union Road

Bolton

BL2 2DT

to the extent set out in the schedules.

The notice shall take effect from 08/10/2021

Name	Date
Philip Lamb	08/10/2021

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/BM0311IN

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/BM0311IN/V003 authorising,

VIL Resins Limited ("the operator"),

whose registered office is

Union Road

Bolton

BL2 2DT

company registration number 0338691

to operate an installation at

Bolton Resins

Union Road

Bolton

BL2 2DT

to the extent authorised by and subject to the conditions of this permit.

Name	Date
Philip Lamb	08/10/2021

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
- (b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.2 Energy efficiency

1.2.1 The operator shall:

- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
- (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
- (c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

1.3.1 The operator shall:

- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
- (b) maintain records of raw materials and water used in the activities;
- (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
- (d) take any further appropriate measures identified by a review.

1.4 Avoidance, recovery and disposal of wastes produced by the activities

1.4.1 The operator shall take appropriate measures to ensure that:

- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
- (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
- (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

- 1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).

2.2 The site

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in red on the site plan at schedule 7 to this permit.

2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1, S3.2 and S3.3.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Total annual emissions from the emission points set out in schedule 3 table S3.1 of a substance listed in schedule 3 table S3.4 shall not exceed the relevant limit in table S3.4.
- 3.1.4 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.
- 3.1.5 For the following activities referenced in schedule 1, table S1.1 (AR3) the first monitoring measurements shall be carried out within four months of the issue date of the permit or of the date when the MCP is first put into operation, whichever is later.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
 - (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
 - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3 Odour

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
 - (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;
 - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.4 Noise and vibration

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and

vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.4.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:

- (a) point source emissions specified in tables S3.1, S3.2 and S3.3.

3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

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 the Environment Agency.

3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2 and S3.3 unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

4.1.1 All records required to be made by this permit shall:

- (a) be legible;
- (b) be made as soon as reasonably practicable;
- (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
- (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
 - (i) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:
- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
 - (b) the annual production/treatment data set out in schedule 4 table S4.2; and
 - (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
 - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.3 Notifications

- 4.3.1 In the event:
- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
 - (b) of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
 - (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the

relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

- 4.3.6 The Environment Agency shall be given at least 14 days' notice before implementation of any part of the site closure plan.

- 4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:

- (a) a decision by the Secretary of State not to re-certify the agreement;
- (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
- (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately" in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
AR1	S4.1 A(1)(a)(viii)	Producing organic chemicals such as plastic materials (for example polymers, synthetic fibres and cellulose-based fibres)	From receipt of raw materials to storage and despatch of finished product. Materials manufactured includes resins and polymers Storage and handling of waste materials produced by the process.
Directly Associated Activity			
AR2	Generation of heat for use within process reactions	Two 1.2 MW boilers and one 0.3MW boiler fired by natural gas to produce heat for reaction processes. The boilers are used to heat heat transfer fluids which are circulated around the reactor	Generation of heat for use in the manufacturing process.
AR3	Generation of heat for use within process reactions	One 1.75 MW boiler fired by natural gas. The boiler is used to heat fluid which is circulated around the reactor	Generation of heat for use in the manufacturing process.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The response to section B1.1, B2.1, B2.2 and B2.10 within the application	19/04/2006
Letter (EPR/BM0311IN/V002)	Letter dated 29/09/2008 and attached drawing	30/09/2008
Variation application (EPR/BM0311IN/V003)	Document – best available techniques & operating techniques sections: 5, 6, 7, 8, 9, 11.2, 12 and 13	13/04/2021

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
-	-	-

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
-	-

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location (as shown on site layout plan in application EPR/BM03 11IN/V003)	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1	Natural gas fired boiler (0.3 MW)	No parameters set	No limit set	-	-	-
A2	Boiler for domestic heating	No parameters set	No limit set	-	-	-
A3	Natural gas fired boiler (1.2 MW)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	250 mg/m ³ limit applies from 01/01/2030	Periodic	Every 3 years from 01/01/2030	BS EN 14792
		Carbon monoxide	No limit set	Periodic	Every 3 years from 01/01/2030	BS EN 15058
A4	Chemline 1 Reactor vent	Total VOCs	Annual limit see Table S3.4	-	6 products for site every 6 months	Charcoal adsorption tube as in BS EN 13649
A5	Hygrotherm Reactor vent	Total VOCs	Annual limit see Table S3.4	-	6 products for site every 6 months	Charcoal adsorption tube as in BS EN 13649
A6	Lynchem Reactor vent	Total VOCs	Annual limit see Table S3.4	-	6 products for site every 6 months	Charcoal adsorption tube as in BS EN 13649
A7	TAS Reactor vent	Total VOCs	Annual limit see Table S3.4	-	6 products for site every 6 months	Charcoal adsorption tube as in BS EN 13649
A8	Chemline 2 Reactor vent	Total VOCs	Annual limit see Table S3.4	-	6 products for site every 6 months	Charcoal adsorption tube as in BS EN 13649
A9	Production Building 1 LEV	Total VOCs	Annual limit see Table S3.4	-	6 products for site every 6 months	Charcoal adsorption tube as in BS EN 13649
A10	LEV – drum filling lines, Building1	Total VOCs	Annual limit see Table S3.4	-	-	-

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location (as shown on site layout plan in application EPR/BM03 11IN/V003)	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A11	LEV, reactors, Building 1	Total VOCs	Annual limit see Table S3.4	-	-	-
A12	LEV, reactors, building 1	Total VOCs	Annual limit see Table S3.4	-	-	-
A13	LEV, reactors sampling points Buildings 1 and 2	Total VOCs	Annual limit see Table S3.4	-	-	-
A15a	Fusion reaction vent, TAS reactor vent	Total VOCs	Annual limit see Table S3.4	-	6 products for site every 6 months	Charcoal adsorption tube as in BS EN 13649
A15b	Fusion reaction vent Hygrotherm reactor, Building 1	Total VOCs	Annual limit see Table S3.4	-	6 products for site every 6 months	Charcoal adsorption tube as in BS EN 13649
A16a	Ground tank 1 vent Building 1	Total VOCs	Annual limit see Table S3.4	-	6 products for site every 6 months	Charcoal adsorption tube as in BS EN 13649
A16b	Ground tank 5 vent Building 1	Total VOCs	Annual limit see Table S3.4	-	6 products for site every 6 months	Charcoal adsorption tube as in BS EN 13649
A16c	Ground tank 4 vent Building 1	Total VOCs	Annual limit see Table S3.4	-	6 products for site every 6 months	Charcoal adsorption tube as in BS EN 13649
A16d	Ground tank 2 vent Building 1	Total VOCs	Annual limit see Table S3.4	-	6 products for site every 6 months	Charcoal adsorption tube as in BS EN 13649
A16e	Ground tank 6 vent Building 1	Total VOCs	Annual limit see Table S3.4	-	6 products for site every 6 months	Charcoal adsorption tube as in BS EN 13649
A16f	Ground tank 3 vent Building 1	Total VOCs	Annual limit see Table S3.4	-	6 products for site every 6 months	Charcoal adsorption tube as in BS EN 13649

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location (as shown on site layout plan in application EPR/BM03 11IN/V003)	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A17a	Ground tank 7 vent, Building 2	Total VOCs	Annual limit see Table S3.4	-	6 products for site every 6 months	Charcoal adsorption tube as in BS EN 13649
A17b	Ground tank 8 vent, Building 2	Total VOCs	Annual limit see Table S3.4	-	6 products for site every 6 months	Charcoal adsorption tube as in BS EN 13649
A17c	Ground tank 9 vent, Building 2	Total VOCs	Annual limit see Table S3.4		6 products for site every 6 months	Charcoal adsorption tube as in BS EN 13649
A18	Emergency dump tank Chemline 1	Total VOCs	Annual limit see Table S3.4	-	-	-
A19	Emergency dump tank Hygrotherm, Lynchem, Tas, Chemline 2	Total VOCs	Annual limit see Table S3.4	-	-	-
A20	Chemline 3 Reactor vent	Total VOCs	Annual limit see Table S3.4	-	6 products for site every 6 months	Charcoal adsorption tube as in BS EN 13649
A21	Natural gas fired boiler (1.2 MW)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	250 mg/m ³ limit applies from 01/01/2030	Periodic	Every 3 years from 01/01/2030	BS EN 14792
		Carbon monoxide	No limit set	Periodic	Every 3 years from 01/01/2030	BS EN 15058
A22	Emergency dump tank Chemline 3	Total VOCs	Annual limit see Table S3.4	-	-	-
A23 (at grid reference 372195, 410329; shown as new boiler house on site layout plan in application EPR/BM03 11IN/V003)	Natural gas fired boiler (1.75 MW)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	100 mg/m ³	Periodic	Every 3 years	BS EN 14792
		Carbon monoxide	No limit set	Periodic	Every 3 years	BS EN 15058

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 Emission of surface waters to River Tonge as shown on site layout plan in application EPR/BM0311IN/V003	Uncontaminated rainwater	No parameter set	-	-	-	-

Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements

Emission point ref. & location	Source	Parameter	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 Emission to Bolton sewage treatment works as shown on site layout plan in application EPR/BM0311IN/V003	Aqueous process effluent	No parameter set	-	-	-	-

Table S3.4 Annual limits

Substance	Medium	Limit (including unit)
Total VOCs as toluene	Air	0.25 kg/tonne of product

Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to air Parameters as required by condition 3.5.1	Installation	Every 6 months	1 January

Table S4.2: Annual production/treatment	
Parameter	Units
Manufacture of resin products	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes
Total VOCs released to atmosphere per tonne of product	Annually	VOC kg/t

Table S4.4 Reporting forms		
Parameter	Reporting form	Form version number and date
Air	Form air 1 or other form as agreed in writing by the Environment Agency	-
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	-
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	-

Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	EPR/BM0311IN
Name of operator	VIL Resins Limited
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution

To be notified within 24 hours of detection
--

Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit
--

To be notified within 24 hours of detection unless otherwise specified below

Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the breach of permit conditions not related to limits	
To be notified within 24 hours of detection	
Condition breached	
Date, time and duration of breach	
Details of the permit breach i.e. what happened including impacts observed.	
Measures taken, or intended to be taken, to restore permit compliance.	

(d) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

“annually” means once every year.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission limit.

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

“Medium Combustion Plant” or “MCP” means a combustion plant with a 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, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

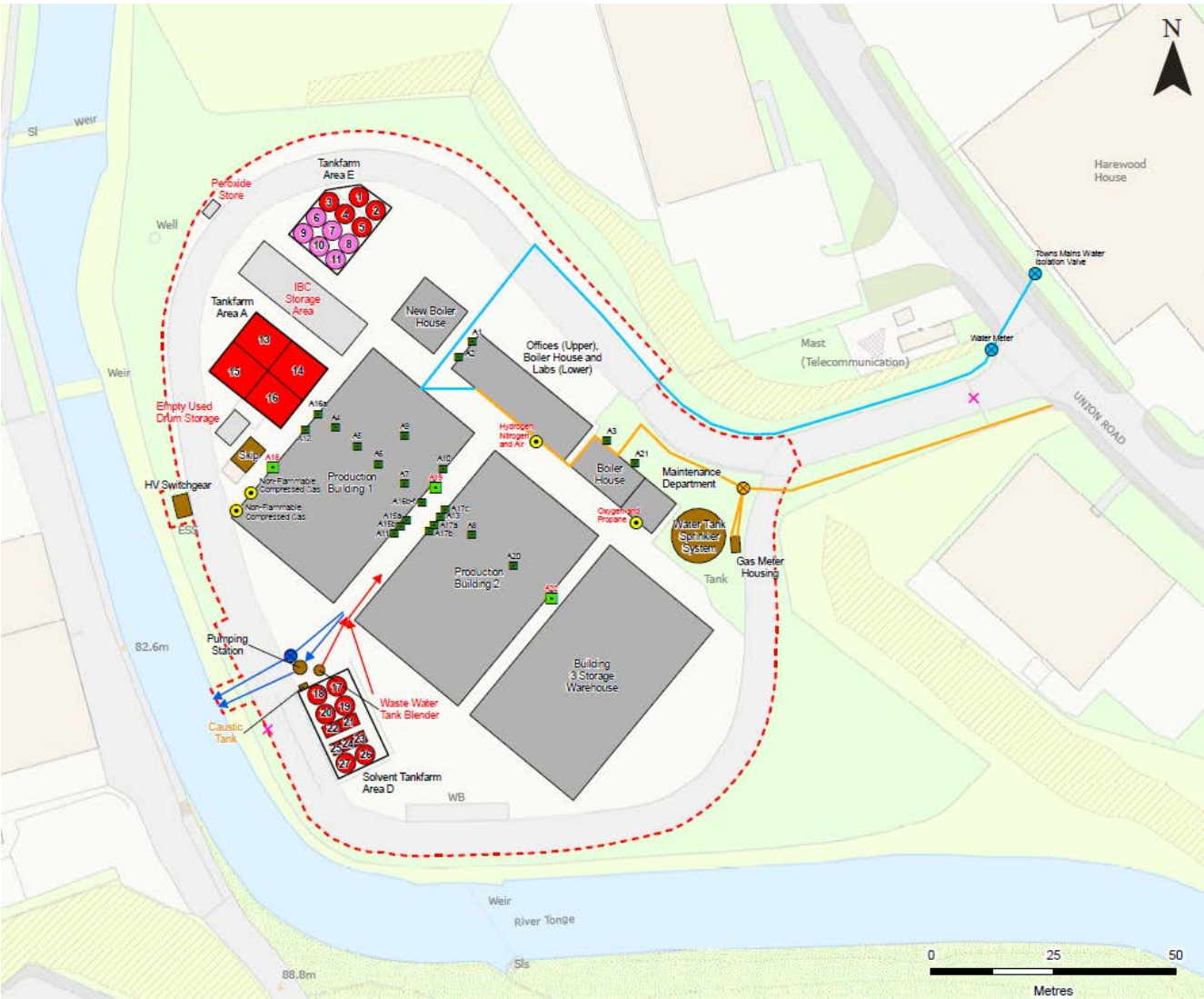
“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- in relation to emissions from gas engines or gas turbines, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 15% dry for liquid and gaseous fuels ; and/or
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content “year” means calendar year ending 31 December.

Schedule 7 – Site plan



END OF PERMIT