

Notice: Variation of Permit

This permit has been varied by the Scottish Environment Protection Agency (SEPA) in exercise of its powers under Regulation 46 of the Pollution Prevention and Control (Scotland) Regulations 2012 ("the Regulations"). The terms used in this notice, unless otherwise defined, have the same meaning as in the Regulations.

Permit Number:	PPC/A/1018364
Site address:	11 Woodside, Eurocentral, Holytown, North Lanarkshire, ML1 4XL
Operator:	MERSEN SCOTLAND HOLYTOWN LIMITED Company Number – SC084860 11 Woodside, Eurocentral, Holytown, North Lanarkshire, ML1 4XL
Variation Number:	VAR01
Date of Issue:	13/01/2026



Effective Date of Variation:	13/01/2026
Details of Variation:	The permit is varied as specified in the Schedule attached.

Schedule

The permit has been varied as follows:

1. In the Interpretation of Terms, the following Terms have been added:

“Annual Solvent Consumption” means the total input of organic solvents into the installation per calendar year, or any other 12 month period, less any VOC’s that are recovered for reuse. Reuse of organic solvent means the use of organic solvents recovered from the installation for any technical or commercial purposes, including use as a fuel, but excluding the final disposal of such recovered organic solvents as waste;

“Fugitive Emission” has the same meaning as in Article 2(10) of the Solvent Emissions Directive;

“Input” has the same meaning as in Article 2(25) of the Solvent Emissions Directive;

“I₁” is the quantity of organic solvents, or their quantity in preparations purchased which are used as input into the process/activity (including cleaning solvents);

“O₁” means the quantity of organic solvents in the emissions of waste gasses from the process;

“O₅” is the organic solvents and/or organic compounds lost due to chemical or physical reactions (including for example those which are destroyed, e.g. by thermal oxidation or other waste gas or waste water treatments, or captured, e.g. by adsorption, as long as they are not counted under O₆, O₇ or O₈);

“O₆” is the organic solvents contained in collected waste;

“Solvent Emission Activity” is defined in Schedule 1 of the Permit;

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“Solvent Emissions Directive” (“SED”) means Council Directive 1999/13/EC on the limitation on emissions of volatile organic compounds due to the use of organic solvents in certain activities;

“Volatile Organic Compound” (“VOC”) has the same meaning as in Article 2(17) of the Solvent Emissions Directive;

2. Condition 1.1.3 has been deleted and replaced by a new condition 1.1.3, as follows:

1.1.3 The Activities carried out at the Stationary Technical Unit are:

1.1.3.1 The production of carbon bonded fibre materials involving pyrolysis, carbonisation or other heat treatment of carbonaceous material (rayon), as described in Part A of Section 1.2 (c) of Schedule 1 to the Regulations;

1.1.3.2 The conversion of natural gas into carbon vapour as described in Part A of Section 1.2 (f) of Schedule 1 to the Regulations;

1.1.3.3 The disposal of non-hazardous waste via physico-chemical treatment at an installation with a capacity exceeding 50 tonnes per day as described in Part A of Section 5.4 (a) (ii) of Schedule 1 to the Regulations;

1.1.3.4 A Solvent Emissions Activity for the use of more than 5 tonnes of organic solvents per year for adhesive coating as described in Part B of Section 6.4 (a)(iv) of Schedule 1 to the Regulations.

3. Condition 1.1.4 has been deleted and replaced by a new condition 1.1.4, as follows:

1.1.4 The Stationary Technical Unit comprises the following units:

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1.1.4.1 Three continuous Carbonisation lines;

1.1.4.2 A maximum of 76 carbonisation and Intermediate Firing (IF) furnaces;

1.1.4.3 Seven Ultra High Temperature (UHT) furnaces;

1.1.4.4 Two High Temperature (HT) Firing furnaces;

1.1.4.5 Two Multi-Purpose furnaces capable of High Firing and Halogen Purification and 4 Halogen Purification (HP) furnaces; and

1.1.4.6 Four Carbon Vapour Deposit (CVD) / Carbon Vapour Infiltration (CVI) furnaces.

1.1.4.7 Two Pyrolysis furnaces;

1.1.4.8 A Graphitisation furnace;

1.1.4.9 Dissolved Air Flotation (DAF) effluent treatment plant capable of treating up to 18 m³/hr, and comprising:

- Two 25 m³ pre-treatment storage tanks;
- DAF plant;
- granular activated carbon (GAC) filter; and
- Two 25m³ clean water storage tanks.

1.1.4.10 Paintshop mixing booths, spray booths, and drying ovens with solvent using more than 5 tonnes per annum;

1.1.4.11 Four Regenerative Thermal Oxidisers (Carbon(A2), Carbon/Graphite(A8), Carbonisation furnaces and Paintshop (A11), Carbonisation Graphitisation Pyrolysis and Intermediate furnaces (B1)); and

1.1.4.12 Two direct-fired Thermal Oxidisers (Continuous Carbonisation Furnaces 3 and 4 (B3)).

4. Condition 1.1.5 has been deleted and replaced by a new condition 1.1.5, as follows:

1.1.5 The following Directly Associated Activities are carried out on the Site:

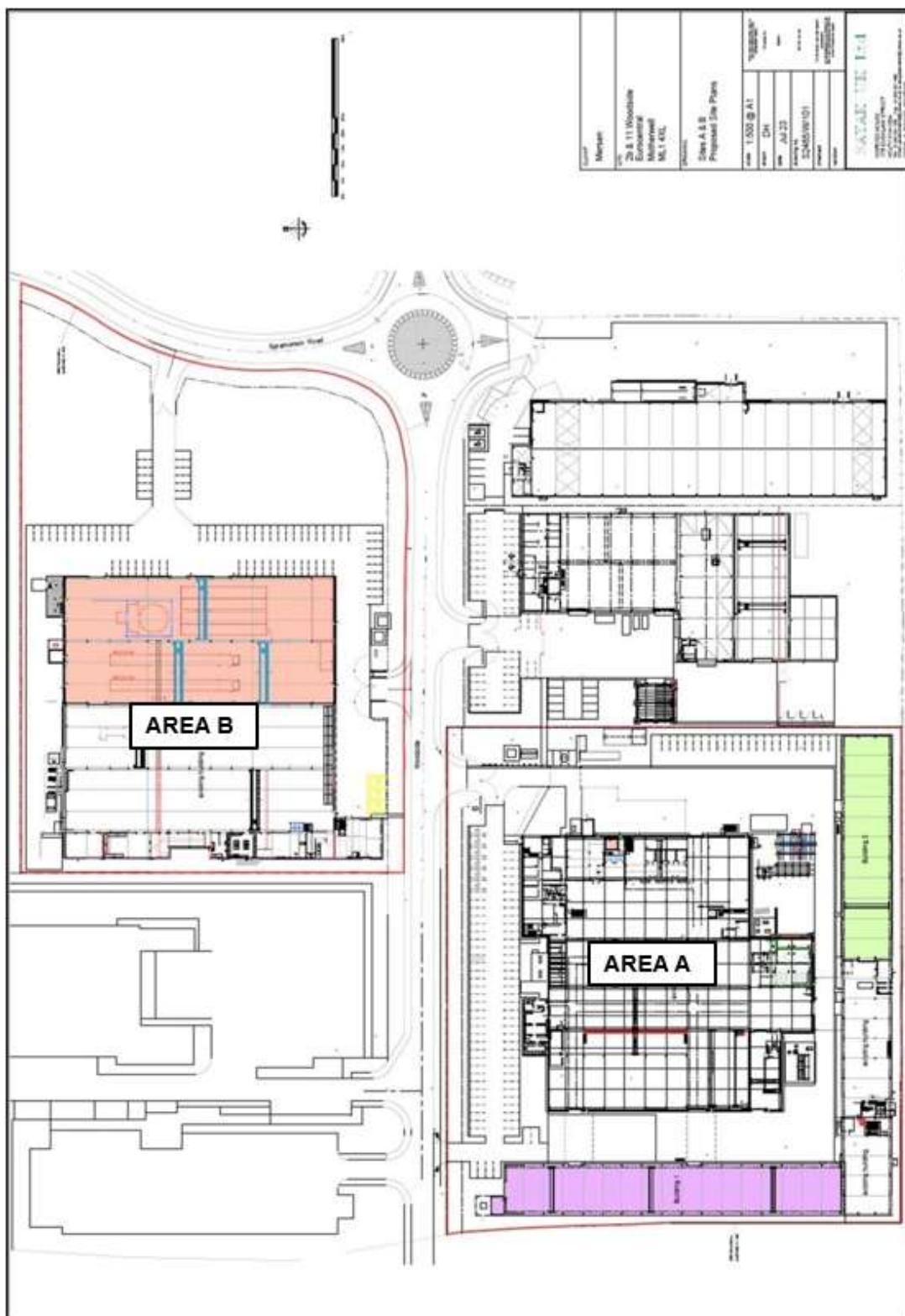
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- 1.1.5.1 resin mixing, product drying, and mould drying station;
- 1.1.5.2 air emission abatement equipment not included in 1.1.4 above, effluent treatment plant, and all process cooling equipment;
- 1.1.5.3 all raw material, intermediate product, final product, and waste; handling, conveying, processing, treatment, and storage; and
- 1.1.5.4 a nitrogen generation plant utilising pressure swing adsorption technology capable of producing 1800 m³/h.

5. Condition 1.2, has been deleted and replaced by a new condition 1.2, as follows:

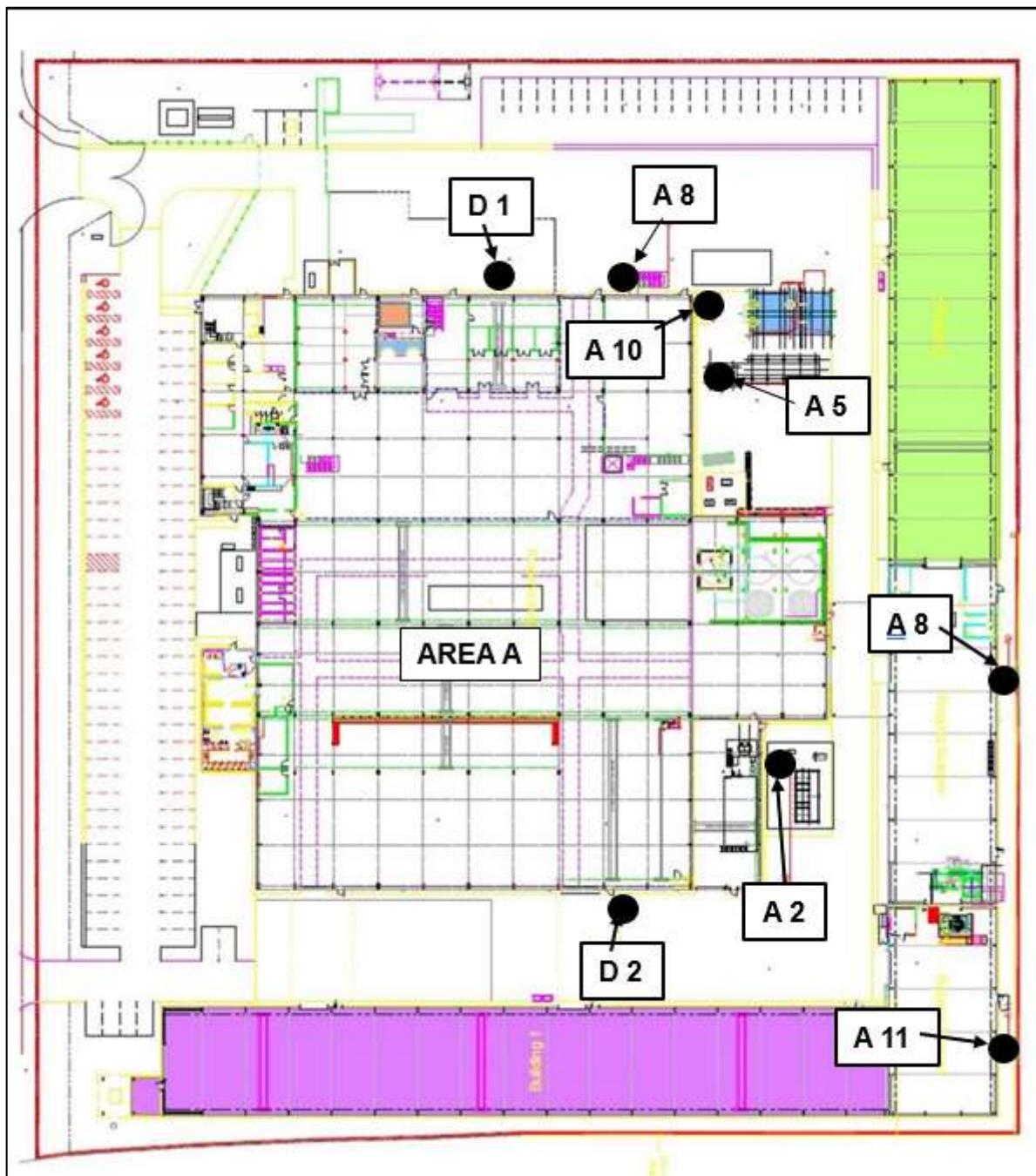
1.2 Site Plans and Process diagrams

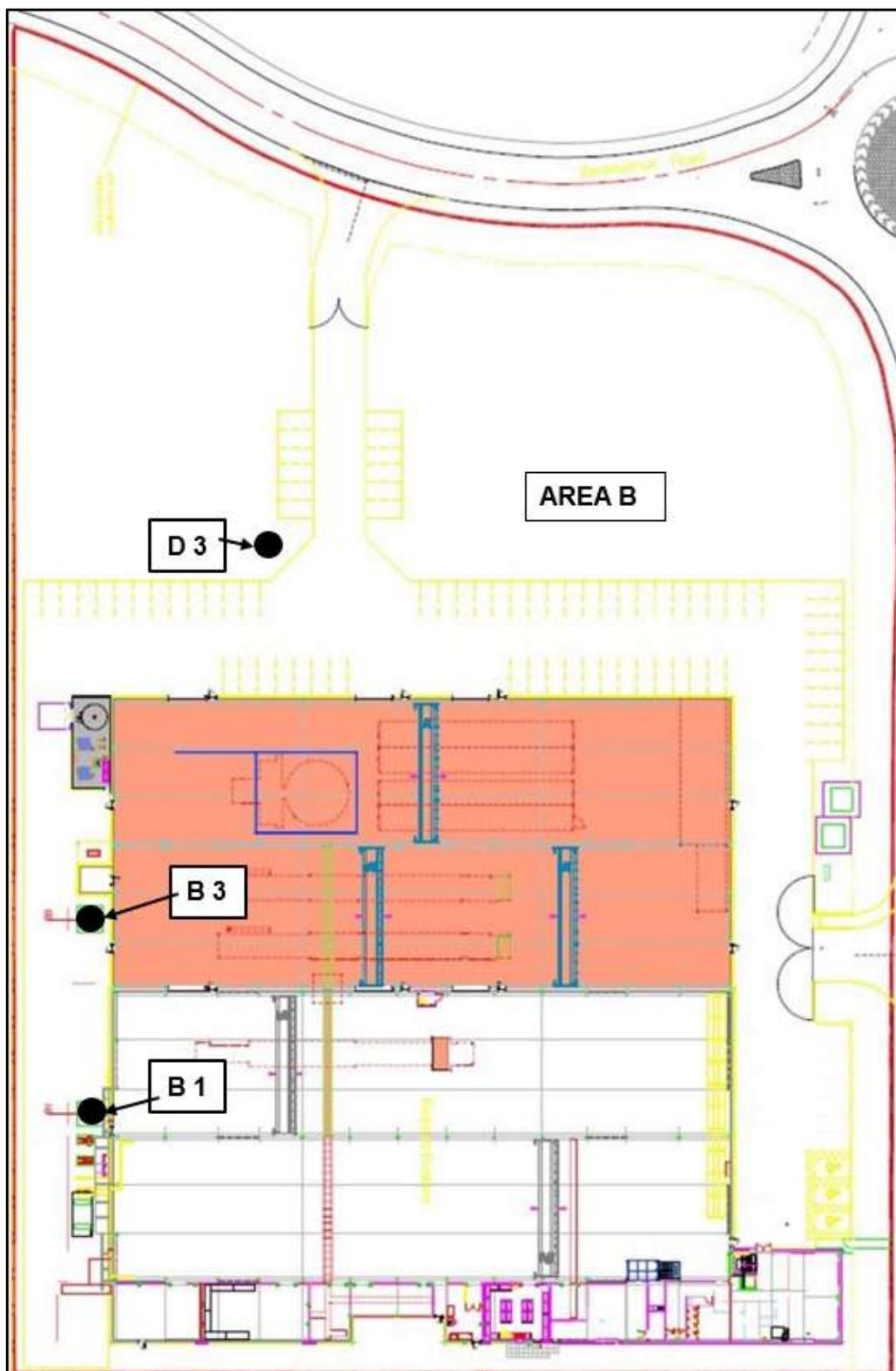
1.2.1 Site Plan: Site layout overview

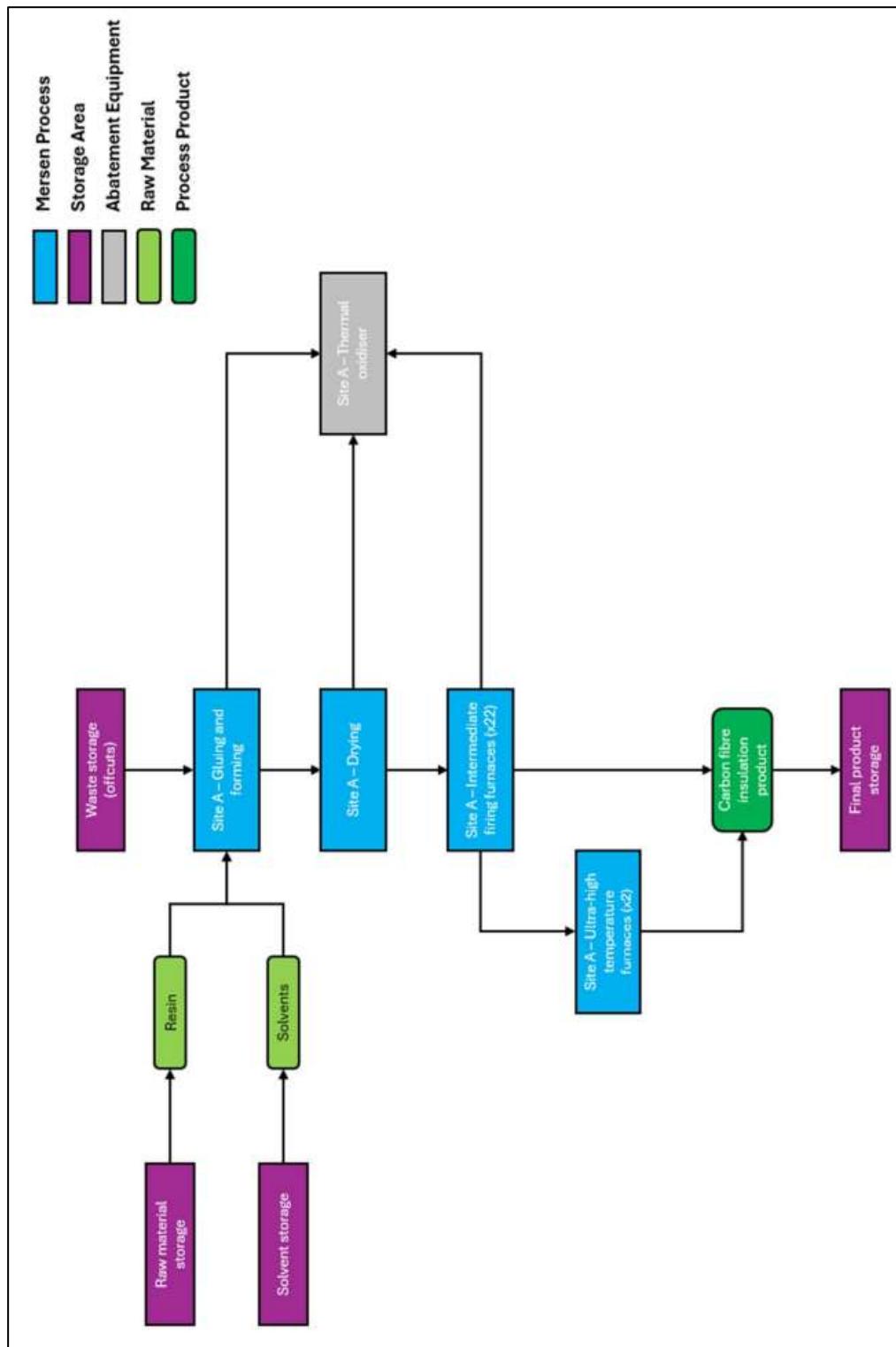


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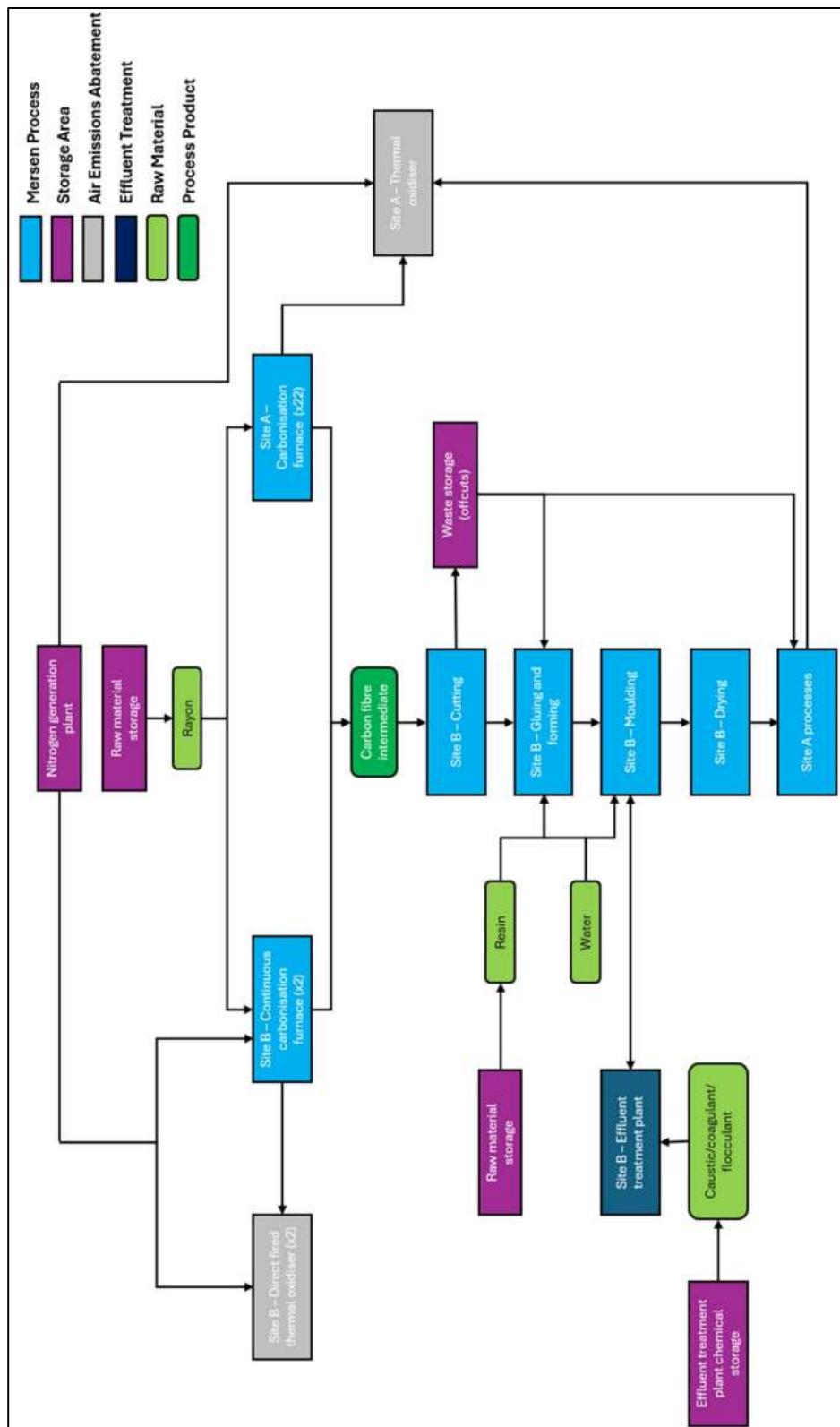
1.2.2 Site plan: Site Area A and Emission Points



Permit Number: PPC/A/1018364**1.2.3 Site Plan: Site Area B and Emission Points****1.2.4 Process diagram: Process Flow Schematic for the Site A Processes**



1.2.5 Process diagram: Process Flow Schematic for the Site B Processes



6. Condition 2.7 has been deleted.

7. In Table 2.1 Reporting and Notification Requirements, the following row has been deleted from the existing Table 2.1:

Drainage, tank, and bund integrity survey	3.4.5	At least once every 5 years	31 January 2020
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8. In Table 2.1 Reporting and Notification Requirements, the following rows have been added to the existing Table 2.1 (header shown for illustrative purposes):

Table 2.1 Reporting and Notification Requirements

Summary of Information to be Reported or Notified	Condition	Date/Within period/ Frequency to be Reported	Date First Report Due
Systematic assessment of measures used to prevent emissions to soil and groundwater	3.4.9	At least every 4 years	
Site Condition Report including a Baseline report	3.4.10	One off report	Within 12 months of the date of this variation
Site Investigation Proposals	3.4.11	One off report	Within 9 months of the date of this variation

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Summary of Information to be Reported or Notified	Condition	Date/Within period/ Frequency to be Reported	Date First Report Due
The Organic Solvent inputs (I ₁) The Fugitive Emissions of Organic Solvents (F) The Fugitive Emissions Value (FEV)	4.6.8	Annually	31 January 2026
Reclassification of Organic Solvent Risk Phrase	4.7.1	N/A	As required
Replacement of substance systematic assessment	4.7.2	N/A	As required

9. Condition 3.4 shall be deleted and replaced with a new Condition 3.4 as follows:

3.4 Groundwater and Soil Protection

- 3.4.1 Unless specified elsewhere in this Permit, there must be no emission of any pollutants to groundwater or soil from the Permitted Installation.
- 3.4.2 Surfaces should be of an appropriate specification, and maintained, to ensure compliance with Condition 3.4.1.
- 3.4.3 The Operator must maintain plan(s) that identify the configuration and specification of all drains and subsurface pipe-work and the position and purpose of all sub-surface sumps and storage vessels that are used or have been used within the Permitted Installation from the date of this Permit until the Permit is surrendered.
- 3.4.4 All above ground containers and tanks containing liquids whose spillage or release could be harmful to the environment must be bunded. The minimum capacity of any bund shall be either 110% of the capacity of the largest

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container, or 25% of the total capacity of all the containers within the bund, whichever is the greater. In the event of any containers being connected to one and other, they shall be treated as one container.

3.4.5 The bunded area(s) and containers shall conform to the following standards:

- The walls and the base of the bund shall be impermeable;
- The base shall drain to a sump;
- All taps, valves, pipes, and every part of each container shall be located within the area served by the bund;
- All vent pipes shall be directed downward into the bund;
- No part of the bund shall be within 10m of a watercourse; and
- All containers with a design capacity of above 1250 litres shall be continuously monitored for level of contents.

3.4.6 The Operator must regularly inspect secondary containment and remove any rainwater that has collected.

3.4.7 The Operator must maintain a record of any incident that has, or might have, impacted on the condition of any soil or groundwater under the Permitted Installation, either as a result of that incident or as a result of an accumulation of incidents, together with a record of any further investigation or remediation work carried out.

3.4.8 Notwithstanding the requirements of Condition 2.2.2, the record required by Condition 3.4.7 must be preserved until this Permit is surrendered.

3.4.9 At least every four years, the Operator must carry out a systematic assessment of all measures used to prevent emissions from the Permitted Installation to soil and groundwater. A written report of each assessment must be recorded and reported to SEPA. The report must include details of and timescales for any additional measures that are required to prevent

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emissions to soil and groundwater. The first report must be provided 6 months from the date of this permit.

3.4.10 Within 12 months of the date of this variation the current Site Condition Report must be updated to include a Baseline report and must be submitted to SEPA. The revised Site Condition and Baseline report will be prepared in accordance with SEPA's PPC Technical Guidance Note 2 (Site Reports), Guidance No. IED-TG-02.

3.4.11 Where site investigations are required for the preparation of the Baseline report under 3.4.10, site investigation proposals must be submitted to SEPA at least three months prior to any site investigations being undertaken.

3.4.12 The Operator must maintain the groundwater monitoring wells detailed in the plan required in 3.4.11 in a condition fit for purpose. Where a monitoring well's function is compromised it must be repaired or replaced to allow sample collection in accordance with 3.4.10 and 3.4.11.

10. Condition 4.3.2 shall be deleted and replaced with Conditions 4.3.2, 4.3.2.1 and 4.3.2.2 as follows:

4.3.2 The Captured gaseous emissions from the two areas of the site Identified on the Site Overview Plan, shall exhaust via the associated abatement systems for each area as detailed in conditions 4.3.2.1 and 4.3.2.2, working within process parameters designed to ensure compliance with the Emission Limit Values (ELVs) specified in the relevant Table 4.1.

4.3.2.1 In Area A the captured gaseous emissions from the processes shall be treated and discharged as follows:

- All Carbonisation, IF, CVD, CVI, and HT processes shall exhaust via their associated intermediate abatement systems to a natural gas fired

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Regenerative Thermal Oxidiser (the “Carbon RTO Stack”, Emission Point A2);

- The Continuous Carbonisation/Graphitiser Line shall exhaust via their associated intermediate abatement systems to a natural gas fired Regenerative Thermal Oxidiser (the “Continuous Carbonisation/Graphitise RTO Stack”, Emission Point A8);
- The 22 additional carbonisation furnaces and paintshop shall exhaust via their associated intermediate abatement systems to a natural gas fired Regenerative Thermal Oxidiser (the “Carbonisation/Paintshop RTO stack” Emission Point A11).

4.3.2.2 In Area B the captured gaseous emissions from the processes shall be treated and discharged as follows:

- Pyrolysis, Carbonisation and Intermediate Firing furnaces shall exhaust via their intermediate abatement systems to a natural gas fired Thermal Oxidiser (the “Carbonisation RTO Stack”, Emission Point B1);
- Carbonisation furnaces (CCF3 and CCF4) shall exhaust via their intermediate abatement systems to two dedicated natural gas fired Thermal Oxidisers (the “Continuous Carbonisation RTO Stack”, Emission Point B3).

11. After condition 4.6, new Conditions 4.7, 4.8, and 4.9, and are added as follows:

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4.7 Records to be kept relating to the Solvent Emissions Activity

4.7.1 The Operator shall record the following in respect of the input of Organic Solvent into the SED Activity (I₁):

- (a) The identity of each Organic Solvent added to the Solvent Emission Activity;
- (b) The quantity of each Organic Solvent that is added to the Solvent Emission Activity;
- (c) The total quantity of I₁ (Organic Solvent added to the Solvent Emission Activity) during the 12 month period beginning on 1 January each year; and
- (d) A description of the method employed to generate the quantity required to be recorded under Condition 4.7.1 (a) to (c).

4.7.2 The Operator shall record the following in respect of the Abatement Equipment relating to the SED Activity (O₅):

- (a) The identity of each Organic Solvent that the abatement equipment is designed to abate, and the concentration at which each Organic Solvent is expected to be present;
- (b) The total quantity of O₅ (solvents captured or destroyed) during the 12 month period beginning on 1 January each year; and
- (c) A description of the method employed to generate the quantity required to be recorded under Condition 4.7.2 (a) to (b).

4.7.3 The Operator shall record the following in respect of each waste stream which comprises or contains one or more Organic Solvents (O₆):

- (a) The identity of each Organic Solvent present in the waste stream, and the concentration at which each Organic Solvent is expected to be present;
- (b) The total quantity of O₆ (solvents in waste) during the 12 month period beginning on 1 January each year;
- (c) The quantity of Organic Solvents present in the stock of the waste stream that is held at the Permitted Installation on 01 January each year, excluding materials actively involved in production activities or awaiting reuse having been recovered, but including wastes that are awaiting recovery or disposal; and
- (d) A description of the method employed to generate the quantity required to be recorded under Condition 4.7.3 (a) to (c).

4.7.4 The Annual Solvent Consumption (C) shall be calculated according to the following equation:

$$C = I_1 - O_5 - O_6$$

4.7.5 The fugitive emission of Organic Solvents (F) for any year shall be calculated using the following formula from figures obtained from the same 12 month period:

$$F = I_1 - O_1 - O_5 - O_6$$

4.7.6 The Fugitive Emission Value (FEV) for any 12 month period starting on 1 January shall be calculated using the following formula:

$$\text{Fugitive Emission Value \%} = (F / I_1) \times 100$$

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4.7.7 The Fugitive Emission Value shall not exceed 20% for that year.

4.7.8 The operator shall calculate and report to SEPA for each 12 month period ending on 31 December of the previous year, the following:

- (a) The Organic Solvent inputs (I_1)
- (b) The Fugitive Emissions of Organic Solvents (F)
- (c) The Fugitive Emissions Value (FEV)

4.8 Risk Phrase Solvents

4.8.1 In the event that the operator receives notification that any VOC that is used at the Permitted Installation has been reclassified, such that is assigned any of the risk phrases R40, R45, R46, R49, R60, or R61, for the first time, the Operator shall notify SEPA in writing of that reclassification without delay.

4.8.2 Where the Operator considers that replacement of any substances or preparations referred to in Condition 4.8.1 is possible, the systematic assessment shall be undertaken of the measures and procedures in place to monitor, prevent, or reduce fugitive Organic Solvent emissions to air. The results of the assessment shall be reported to SEPA in writing and include details of any necessary upgrade works and timescales for their completion.

4.8.3 Where the Operator considers the replacement of any substances or preparations referred to in condition 4.8.2 is not possible, the systematic assessment referred to in 4.8.2 shall include a reasoned argument, including technical and/or economic reasons for the continued use of such substances or preparations at the Permitted Installation.

4.9 CONDITIONS APPLYING TO THE EFFLUENT TREATMENT PLANT

4.9.1 Operation and Maintenance of the Effluent Treatment System.

4.9.1.1 The effluent treatment system shall be operated and maintained in accordance with best practice such that:

- (a) It remains fully operational at all times, except times of unavoidable mechanical or electrical breakdown;
- (b) Following any electrical or mechanical breakdown all reasonably practical measures shall be used to return it to a fully operating condition; and
- (c) No effluent discharge will take place unless the effluent treatment system is fully operational.

4.9.2 An alarm system connected to a 24hr response system shall be provided and maintained to ensure visible and/or audible notification of failure or breakdown of the effluent treatment system.

4.9.3 The emissions to public sewer specified in Table 4.4 shall only be permitted from the emission points and to the destinations specified in that table, and only after having passed through the sample points specified in that table.

4.9.4 The use of dilution to achieve the emission limit values in Table 4.4 is not permitted.

4.9.5 Other than as specifically permitted or limited by any condition of this Permit, none of the Permitted Activities shall have a significant adverse impact on, or cause pollution of, the Water Environment.

4.9.6 By 31 December 2025 the Operator shall commence monitoring of emissions to sewer of at least the parameters/ substances specified in Table 4.4 at the sampling locations and frequency specified in that Table and in accordance with the test method specified in that Table.

4.9.7 Any technique employed for the monitoring of any parameter/ substance listed in Table 4.4 must be:

- (a) the current CEN standard; or
- (b) where no CEN standard is available (and only in that circumstance):
the method for that parameter/ substance listed in Table 4.5; or
- (c) alternative methods may be used provided the Operator can demonstrate equivalence to the relevant CEN standard by using CEN/TS 14793.

4.9.8 The Operator shall demonstrate and report to SEPA by 31 January 2027, whether the off-site treatment of the effluent discharge provides an equivalent overall level of protection of the environment compared to the indirect emission limit values illustrated in the document Best Available Techniques (BAT) Reference Document for Waste Treatment 2018, BAT 20, Table 6.2. This shall be based on the following:

- (i) The percentage reduction provided by treatment at the sewage works based on a comparison of the annual average influent and effluent data to the sewage works for Adsorbable organically bound halogens (AOX), Manganese (Mn), Chromium (Cr), Nickel (Ni), Zinc (Zn), COD, TOC, TSS, (as abbreviated in Table 4.4 below);
- (ii) A calculation of the site specific ratio for COD to TOC (as abbreviated in Table 4.4 below);

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- (iii) A comparison of the daily average data for each parameter/ substance collected over 12 months of the effluent discharged from the installation minus the percentage reduction identified under sub-paragraph (i) above for that parameter/ substance against the relevant BAT AEL range for that parameter/ substance in the Waste Treatment BATC; and
- (iv) Where any of the emissions are not within the relevant BAT-AEL range for that parameter/ substance, details of any pre-treatment proposed to reduce the emission to a level that will achieve an equivalent level of environmental protection to the relevant BAT-AEL range, including options considered and BAT justification for the proposed option.

12. In Table 4.1 Emissions to Air ELVs the column describing Emission Point A10 and its Emission Limit Values has been deleted and the following columns have been added to Table 4.1 Emissions to Air ELVs:

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Table 4.1 Emissions to Air ELVs

Area A			
Source of Emission	Emission point number	A10 Paintshop Carbon Absorption System stack	A11 Carbonisation/ Paintshop RTO stack
	Emission source	Adhesive spray application, paint mixing, water-based paint application and drying ovens	Carbonisation furnaces and Paintshop
	Stack height/ diameter (m)	As identified in site vent register	As identified in site vent register
	Location on Site Plan	As identified on site plan Area A	As identified on site plan Area A
	NGR	NS 750 616	NS 751 618
Monitoring Details	Emission point number	A10	A11
	Type of Monitoring	SS / Visual	SS / Visual
	Sampling Location	As identified in site vent register	As identified in site vent register
Limits for Parameters from emission sources	Particulates (mg/m ³)	5	5
	VOC as total C (mg/m ³)	50	50
	CO (mg/m ³)	100	100
	SO _x (mg/m ³)	50	50
	NO _x (mg/m ³)	100	100
	Chlorine (mg/m ³)	-	-
	Benzene (mg/m ³)	2	2
	Dioxans and Furans (ng/m ³ I-TEQ)	-	-
	HCN (mg/m ³)	-	1
	Plume Visibility	-	-

Area B		
Source of Emission	Emission point number	B3 Continuous Carbonisation RTO Stack
	Emission source	Two direct-fired thermal oxidisers for continuous carbonisation furnaces 3 and 4
	Stack Height/diameter (m)	As identified in site vent register
	Location on Site Plan	As identified on site plan Area B
	NGR	NS 749 615
Monitoring Details	Type of Monitoring	SS (and C)
	Sampling Location	As identified in site vent register
Limits for Parameters from emission sources	Particulates (mg/m ³)	5
	VOC as total C (mg/m ³)	20
	CO (mg/m ³)	100
	SO _x (mg/m ³)	50
	NO _x (mg/m ³)	100
	Chlorine (mg/m ³)	-
	Benzene (mg/m ³)	2
	Dioxans and Furans (ng/m ³ I-TEQ)	-
	HCN (mg/m ³)	1
	Plume Visibility	-

13. Table 4.2 Emissions to Air Monitoring Requirements has been deleted and replaced with a new Table 4.2 Emissions to Air Monitoring Requirements, as follows:

Table 4.2 Emissions to Air Monitoring Requirements

Parameter	Emission Point	Spot Sampling (SS)			Continuous (C)		
		Standard	Frequency	Operational Mode	Type	Sample Time	Averaging Period and Time Span for Percentage Limits
Odour	All processes		daily	Process active	-	-	-
Plume visibility	A2, A8, A11	BS 2742	daily	Process active	-	-	-
Particulates	All processes	BS EN 13284-1	6-monthly	Process active	-	-	-
VOC	A2, A5, A6, A8, A10, A11 B1, B3	BS EN 12619	6-monthly	Process active	-	-	-
CO	A2, A8, A11 B1, B3	BS EN 15058	6-monthly	Process active	-	-	-
SO _x	A2, A8, A11 B1, B3	BS EN 14791	6-monthly	Process active	-	-	-



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NO _x	A2, A8, A10, A11 B1, B3	BS EN 14792	6-monthly	Process active	-	-	-
Benzene	A2, A8, A11 B1, B3	BS EN 13649	6-monthly	Process active	-	-	-
Dioxins & furans	A3	BS EN 1948-4	Two yearly	Process active	-	-	-
HCN	A2, A B1, B3	US EPA CTM33	Two yearly	Process active	-	-	-
Chlorine	A3	US EPA Method 26	-	Process active	Continuous	At least once every 30 seconds	Half hourly average to derive daily average
Gas flow	A2, A3, A8, A11	BS EN 13284-1	-	Process active	Continuous	At least once every 30 seconds	Half hourly average to derive daily average

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14. Table 4.3 Mass Emissions to Air has been deleted and replaced with a new Table 4.3 Mass Emissions to Air, as follows:

Table 4.3 Mass Emissions to Air

Parameter	Combined Emissions	Method (Summary)	Mass Emissions Result to be recorded as
Particulates	A2, A5, A6, A8, A10, A11 B1, B3	Average of all measured results X effluent gas flow over period	Kg per calendar year
VOC	A2, A8, A10, A11 B1, B3	Average of all measured results X effluent gas flow over period	Kg per calendar year
CO / SO _x / NO _x	A1, A8, A11 B1, B3	Average of all measured results X effluent gas flow over period	Kg per calendar year
Chlorine	A3	Average of all measured results X effluent gas flow over period	g per calendar year
Dioxins & furans	A3	Average of all measured results X effluent gas flow over period	µg (I-TEQ) per calendar year

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15. In Table 4.4 Emissions to Sewer ELVs Requirements the following rows are added to the existing Table 4.4:

Table 4.4 Emissions to Sewer ELVs

Source of Emission	Emission Point	D3 Effluent treatment plant
	Source of Emission	Site B Effluent Treatment plant
	Destination	Sewer
	Emission Location	As identified on site plan
	Sampling Location	Final tank or chamber
Limits for parameters from Emission Source	Maximum hourly/daily flow (m ³)	1.08 / 2.6
	pH	5 - 11
	Total Suspended Solids (TSS) (mg/l)	1000
	Phenol index (mg/l)	5
	Chemical oxygen demand (COD) (mg/l)	2000
	Total organic carbon (TOC) (mg/l)	-
	Adsorbable organically bound halogens (AOX) (mg/l)	1
	Manganese (Mn) (mg/l)	-
	Chromium (Cr) (mg/l)	0.3
	Nickel (Ni) (mg/l)	1.0
	Zinc (Zn) (mg/l)	2.0

'-' denotes no limit set

16. In Table 4.5 Emissions to Sewer Monitoring Requirements the following rows are added to the existing Table 4.5:

Table 4.5 Emissions to Sewer Monitoring Requirements

Parameter	Emission Points	Test Method	Reporting Format	Sampling/Measurement Facility	Frequency
Flow	D3	Latest standard from EA M18 document or as otherwise agreed in writing with SEPA.	m ³ /h or m ³ /day	Final tank or chamber	Once every day or discharge
pH	D3	BS ISO 10523	pH	Final tank or chamber	Once every day or discharge
Total Suspended Solids (TSS)	D3	BS EN 872	mg/l	Final tank or chamber	Once every day or discharge
Chemical oxygen demand (COD)	D3	BS ISO 15705	mg/l	Final tank or chamber	Once every day or discharge
Total organic carbon (TOC)	D3	BS EN 1484	mg/l	Final tank or chamber	Once every day or discharge



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Parameter	Emission Points	Test Method	Reporting Format	Sampling/Measurement Facility	Frequency
Phenol index	D3	BS EN ISO 14402	mg/l	Final tank or chamber	Once every day or discharge
Adsorbable organically bound halogens (AOX)	D3	BS EN ISO 9562	mg/l	Final tank or chamber	Once every day or discharge
Manganese (Mn)	D3	BS EN ISO 17294-2	mg/l	Final tank or chamber	Once every day or discharge
Chromium (Cr)	D3	BS EN 1233	mg/l	Final tank or chamber	Once every day or discharge



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Parameter	Emission Points	Test Method	Reporting Format	Sampling/ Measurement Facility	Frequency
Zinc (Zn)	D3	BS EN ISO 17294-2	mg/l	Final tank or chamber	Once every day or discharge
Nickel (Ni)	D3	BS EN ISO 17294-2	mg/l	Final tank or chamber	Once every day or discharge

17. Table 4.6 Mass Emissions to Sewer has been deleted and replaced by a new Table 4.6 Mass Emissions to Sewer, as follows:

Table 4.6 Mass Emissions to Sewer

Parameter	Combined Emissions	Method (Summary)	Mass Emission Results recorded as
Suspended Solids	D2, D3	Average of all measured results X effluent flow over period	Kg per calendar year
Phenols	D2, D3	Average of all measured results X effluent flow over period	Kg per calendar year
Chemical oxygen demand (COD)	D2, D3	Average of all measured results X effluent flow over period	Kg per calendar year



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18. In the Explanatory Notes Section 5 has been deleted and replaced with the following Section 5:

5. ADDRESS, TELEPHONE NUMBER, EMAIL

The contact address, telephone number and email for all information to be reported in terms of the Permit, are as follows:

Scottish Environment Protection Agency

Angus Smith Building

Unit 6 Parklands Avenue

Eurocentral

Holytown

Motherwell

ML1 4WQ

Tel: 0300 099 6699

Email: ppcdatareturns@sepa.org.uk (PPC Part A data returns)