POLLUTION PREVENTION AND CONTROL ACT 1999
ENVIRONMENTAL PERMITTING (ENGLAND & WALES) REGULATIONS 2016
(As Amended)

Permit Number: 2.3/051422/JT4

Installation Address:
Symmetry Medical Sheffield Ltd
Beaulah Road
Sheffield
S6 2AN

In accordance with Regulation 13(1) of the Environmental Permitting (England and Wales) Regulations 2016, as amended Symmetry Medical Sheffield Limited is hereby permitted to operate two directly associated scheduled activities at the address detailed above, namely the storage of chemicals in bulk, of more than 1 tonne of anhydrous hydrofluoric acid, as described in Schedule 1, Part 2, Chapter 4, Section 4.8, Part B (a)(iv) and the surface treatment of metals which is likely to result in the release of acid-forming oxides of nitrogen into the air as described in Schedule 1, Part 2, Chapter 2, Section 2.3, Part B sub section (a) and subject to the following Permit conditions.

Signed _____ **Dated this day: 8th December 2020**

Environmental Protection Manager
Authorised by Sheffield City Council to sign on their behalf

The Secretary of State's Guidance PG3/6 Polishing and Etching Glass and PG 4/1 for the Surface Treatment of Metal Processes have provided the framework for the conditions in this Permit.

Name & Address of Operator:

Symmetry Medical Sheffield Ltd
Beulah Road
Sheffield
S6 2AN

Contact Name:Wayne Booth interim Tel: 07504 048 768
email: wayne.booth@tecomet.com

Registered Office:

Symmetry Medical Sheffield Ltd
Beulah Road
Sheffield
S6 2AN

Address of Permitted Installation:

Symmetry Medical Sheffield Ltd
Beulah Road
Sheffield
S6 2AN

Holding Company:

3724 North State Road 15
Warswaw
Indiana 46582
USA

Talking to Us

Any communication with Sheffield City Council should be made to the following address quoting the Permit Number:

ENVIRONMENTAL PROTECTION SERVICE
SHEFFIELD CITY COUNCIL
FLOOR 5 NORTH HOWDEN HOUSE
1 UNION STREET
SHEFFIELD
S1 2SH

Alternatively Email: epsadmin@sheffield.gov.uk or ippc@sheffield.gov.uk
Telephone: (0114) 273 4651

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Explanatory Note to Pollution Prevention and Control Permit for Part B Installations.
(This note does not form a part of the Permit)

The following Permit is issued under Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016 (S.I. 1154), as amended, ("the EP Regulations") to operate an installation carrying out two scheduled activities covered by the description in Part 1, Chapter 2, Section 2.3, Part B sub section (a) and Chapter 4, Section 4.8, Part B (a) (iv) of Schedule 1 of those Regulations,

SECTION 2.3 Surface treating metals and plastic materials

Part B

(a)Any process for the surface treatment of metal which is likely to result in the release into air of any acid-forming oxide of nitrogen and which does not fall within Part A(1) or Part A(2) of this Section.

And

SECTION 4.8 The storage of chemicals in bulk

Part B

(a)The storage in tanks, other than in tanks for the time being forming part of a powered vehicle, of any of the substances listed below, except where the total storage capacity of the tanks installed at the location in question in which the relevant substance may be stored is less than the figure specified below in relation to that substance—

(iv)anhydrous hydrogen fluoride, 1 tonne

to the extent authorised by the Permit.

Process Changes.

Under the provisions of the EP Regulations, you are required to notify the Council of any proposed change in operation at least 14 days before making the change. This must be in writing and must contain a full description of the proposed change in operation and the likely consequences. Failure to do so is an offence.

If you consider that a proposed change could result in the breach of the existing permit conditions or is likely to require the variation of permit conditions then you may apply in writing under Regulation 20(1) of the EP Regulations. Additionally, if this involves a SUBSTANTIAL CHANGE to the installation you will be required to submit an application, pay the relevant fee and advertise the

application accordingly. You may serve a Notice on the Council requesting that they determine whether any change that is proposed would constitute a substantial change before you proceed with application.

Variations to the Permit.

The Permit may be varied in the future by the Council serving a Variation Notice on the Operator. If the Operator wishes any of the Conditions of the Permit to be changed, a formal Application must be submitted.

Surrender of the Permit.

Where the Operator of a Part B installation or mobile plant ceases or intends to cease the operation of the activity the Operator may notify the regulator of the surrender of the whole permit, in any other case, notify the regulator of the surrender of the permit in so far as it authorises the operation of the installation or mobile plant which he/she has ceased or intends to cease operating. The notification shall contain information as described in Regulation 24 or 25 of the EP Regulations.

Transfer of the Permit or Part of the Permit.

Before the Permit can be wholly or partially transferred to another person, a joint application to transfer the Permit has to be made by both the existing and proposed holders, in accordance with Regulation 21 of the EP Regulations. A transfer will be allowed unless Sheffield City Council considers that the proposed holder will not be the person who will have control over the operation of the installation or will not ensure compliance with the conditions of the transferred Permit.

Annual Subsistence Fee.

In accordance with Regulation 66 of the EP Regulations, the holder of a permit is required to pay a fee for the subsistence of the Permit. This fee is payable annually on 1st April. You are advised that under the provisions of Regulation 66 (5) of the EP Regulations, if you fail to pay the fee due promptly, Sheffield City Council may revoke the Permit. You will be contacted separately each year in respect to this payment.

Public Register.

The Council is required by Regulation 46 of the EP Regulations to maintain a Public Register containing information on all LAPPC installations and mobile plant. The register is available for inspection by the public free of charge during office hours (Monday to Friday 9.00 am to 5.00 pm) at the following address:

Environmental Protection Service
Floor 5 North Howden House
Sheffield City Council
Union Street
Sheffield S1 2SH

Tel: 0114 273 4651 or email eps.admin@sheffield.gov.uk

Confidentiality.

Sheffield City Council has a duty to consider the question of confidentiality of information supplied to it. If any information supplied is considered confidential, a statement of which information this applies to and the reasons why it is considered confidential should be specified. The Operator is reminded that he may apply to Sheffield City Council for the exclusion of information from the public register under the provisions of the Environmental Permitting (England and Wales) Regulations 2016 as amended.

Appeals.

Under Regulation 31 of the EP Regulations Operators have the right of appeal against the conditions attached to their permit. Schedule 6 of the EP Regulations sets out the detailed procedures.

Appeals against a Variation Notice do not have the effect of suspending the operation of the Notice. Appeals do not have the effect of suspending Permit conditions.

Notice of appeal against the conditions attached to the permit must be given within six months of the date of the Notice, which is the subject matter of the appeal.

How to Appeal.

There are no forms or charges for appealing. However, for an appeal to be valid, appellants (the person/Operator making the appeal) are legally required to provide:

- Written notice of the appeal;
- A statement of the grounds of appeal;
- A statement indicating whether the appellant wishes the appeal to be dealt with by written representations procedure or a hearing – a hearing must be held if either the appellant or enforcing authority requests this, or if the Planning Inspector or the Secretary of State decides to hold one.
- (Appellants must copy the above three items to the local authority when the appeal is made)
- A copy of any relevant application;
- A copy of any relevant permit;
- A copy of any relevant correspondence between the appellant and the regulator; and
- A copy of any decision or notice, which is the subject matter of the appeal.

Where to Send Your Appeal Documents.

Appeals should be addressed to:

The Planning Inspectorate
Environmental Appeals Administration
Room 4/19 – Eagle Wing
Temple Quay House
2 The Square
Temple Quay
Bristol BS1 6PN

In the course of an Appeal process the main parties will be informed of procedural steps by the Planning Inspectorate.

To withdraw an appeal the appellant must notify the Planning Inspectorate in writing and copy the notification to the local authority.

Enforcement.

An **Enforcement Notice** may be served if the Local Authority believes an Operator has contravened, is contravening or is likely to contravene any condition of his Permit.

A **Suspension Notice** may be served if in the opinion of the Local Authority the operation of an installation involves an imminent risk of serious pollution. This applies whether or not the Operator has breached a Permit condition.

The Local Authority can revoke a Permit by written notice at any time by serving a **Revocation Notice**. The Permit then ceases to authorise the operation of the installation.

Offences.

A limited summary of the offences is listed below:

a) operation of an installation without a Permit
b) failure to comply with or contravene a Permit condition
c) failure to comply with the requirements of an enforcement or suspension notice

A full list is available under Regulation 38 of the Environmental Permitting (England & Wales) Regulations 2016 as amended.

Penalties.

The maximum penalties for the above offences are a fine not exceeding £50,000 and/or up to twelve months imprisonment per offence for a summary

conviction (in a Magistrates Court); and a fine and/or up to five years imprisonment for conviction on indictment (in a Crown Court).

Definitions.

In relation to this Permit, the following expressions shall have the following meanings:

"Application" means the application for this Permit, together with any response to a notice served under Schedule 4 to the EPR Regulations and any operational change agreed under the conditions of this Permit.

"EPR Regulations" means the Environmental Permitting (England and Wales) Regulations S.I.2010 No. 675 (as amended) and words and expressions defined in the EPR Regulations shall have the same meanings when used in this Permit save to the extent they are explicitly defined in this Permit.

"Permitted Installation" means the activities and the limits to those activities described in this Permit.

"Monitoring" includes the taking and analysis of samples, instrumental measurements (periodic and continual), calibrations, examinations, tests and surveys.

"Regulator" means any officer of Sheffield City Council who is authorised 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(1) of that Act.

"BAT" means the most effective and advanced stage in the development of activities and their methods of operation which indicates the practical suitability of particular techniques for providing in principle the bases for emission limit values designed to prevent, and where that is not practical, generally to reduce emissions and the impact on the environment as a whole. For those purposes:

"available techniques" means those techniques which have been developed on a scale which allows implementation in the relevant industrial sector, under economically and technically viable conditions, taking into consideration the cost and advantages, whether or not the techniques are used or produced inside the United Kingdom, as long as they are reasonably accessible to the Operator;

"best" means, in relation to techniques, the most effective in achieving a high general level of protection of the environment as a whole; "techniques" include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned. Schedule 2 of the Regulations shall have effect in relation to the determination of best available techniques, and;

"Fugitive Emission" means an emission to air from the permitted installation that is not controlled by an emission limit imposed by a condition of this Permit.

Where any condition of this Permit refers to the whole or parts of different documents, in the event of any conflict between the wording of such documents, the document with the most recent publication date shall be taken to be the most appropriate document to be used.

DESCRIPTION OF ACTIVITIES.

This Permit covers the storage of more than 1 tonne of anhydrous hydrofluoric acid and the surface treatment of metal work pieces at Symmetry Medical Sheffield Limited. The pieces are for use mainly in the medical and aeronautical industries using 2 acid etch lines. A schematic of the acid shop is shown in Schedule 2 of this Permit. The process is operated at the location shown by shading on the plan in Schedule 1 of this Permit.

The acid shop consists of 2 separate process lines made up of various rinse tanks held at specified temperatures containing different acid mixtures. Acid tanks and hot water tanks are heated electrically. Some rinse tanks contain hot or cold water and are used for rinsing the work pieces. 9 tanks contain acids including: Hydrochloric, Hydrofluoric, Nitric, Ferric Chloride and Ferric Sulphate. The total capacity of the acid tanks is 5.44 m^3 working capacity of 4m^3. A schematic layout is shown in Schedule 2 of this Permit. The composition and flow of work through the lines is determined by product and customer specification.

Extraction systems are fitted to each edge of the acid tanks, which exhaust to atmosphere through a scrubber and stack. The scrubber is dosed with 30˚ caustic soda solution.

Fresh acids are delivered in Intermediate Bulk Containers (IBC'S), stored in appropriately bunded areas and connected by pipework to a mixer tank and then distributed by pipework to each tank.

Both lines have cold water tanks which weir to a collection pit by pipework. The acid tanks are connected by pipework to a separate pit.

There is an effluent process that includes an acid tank, a cold water rinse tank, a neutralising tank, a lamellar tank, a filter press and liquor tank and a v-notch tank. The water is then discharged through a drain under a Yorkshire Water consent licence and solids (filter cake) is disposed of as hazardous waste under a consignment note. An alkali solution, either Neutralac or 30% caustic soda or similar, is used in the effluent control and flocculant is used to coagulate solids.

CONDITIONS OF PERMIT

The following conditions shall be complied with immediately unless otherwise stated.

Section 1 – Upgrading

1.1 There are no upgrading requirements

Section 2 – Plant and Equipment

2.1 The permitted activities at the installation shall be carried out within the installation boundary on the Installation Location and Boundary plan shown in the hatched area in Schedule 1 of this Permit

2.2 Permitted activities shall only be carried on using the plant and equipment as detailed in the Description of Activities and on the Installation Layout reproduced in Schedule 2 of this Permit

2.3 The Regulator shall be notified by the Operator of any proposed operational changes including any alterations to the process involving the provision of new plant or equipment, removal of plant, or alteration of substances used which may affect emissions. The information shall be submitted at least 14 days before the changes take place

Section 3 – Emission Limits and Controls

3.1 All emissions to air other than steam or condensed water vapour shall be colourless and free from persistent mist and persistent fume.

3.2 All emissions to air shall be free from droplets in excess of 20 µm aerodynamic diameter.

3.3 The following emission limits shall apply to the stack located as indicated on the plan in Schedule 1 of this Permit;

Pollutant	Limit	Parameter
Oxides of Nitrogen (expressed as nitrogen dioxide equivalent) Note: oxides of nitrogen include nitric acid vapour	200 mg/m^3	1 hour mean concentration
Fluoride (expressed as hydrogen fluoride)	5 mg/m^3	Expressed as hydrogen fluoride

3.4 The reference conditions for the emission limits shall be 273K, 101.3kPa, the oxygen and water references shall be that which corresponds to the normal operating conditions in the process concerned

3.5 Emissions to air shall be free of offensive odour beyond the installation boundary as perceived by the Regulator. The boundary is indicated by the hatched area shown on the plan shown in Schedule 1 of this Permit.

3.6 There shall be no burning of materials, including waste, in the open air, inside buildings or in any form of incinerator in connection with the activities within the installation boundary, without permission in writing from the Regulator.

4.0 Monitoring, Sampling and Measurement of Emissions

4.1 Manual extractive emissions monitoring tests for aerodynamic diameter, Oxides of Nitrogen and Hydrogen Fluoride shall be carried out at least once in every 24 months period, unless otherwise agreed in writing by the Regulator.

4.2 The appropriate test method for aerodynamic diameter, Oxides of Nitrogen and Hydrogen Fluoride shall be agreed in writing by the Regulator prior to the test being carried out

4.3 Sampling ports shall be provided in accordance with the appropriate monitoring protocols

4.4 Sampling ports shall be provided in accordance with the appropriate monitoring protocols.

4.5 The Operator shall notify the Regulator at least 7 days prior to any periodic monitoring exercise to determine compliance with emission limit values of the provisional dates and times of the tests, pollutants to be tested, stacks to be tested, methods to be used and provide the accreditation details of the stack monitoring consultants

4.6 The results of non-continuous monitoring tests shall be forwarded to the Regulator within 8 weeks of completion of the testing

4.7 Monitoring shall be carried out in accordance with methods described in M1 “Sampling requirements for monitoring stack emissions to air from industrial installations” [1] and M2 “Monitoring of stack emissions to air” [2], or by another method agreed in writing by the Regulator

4.8 In any case of abnormal emissions whether or not related to a monitoring result, the Operator shall:

- Identify the cause of the emissions and take corrective action immediately;
- Adjust the process or activity to minimise the emissions;
- Retest to demonstrate compliance as appropriate after the Regulator;
- Notify the Regulator within 1 day of the incident (or in the case of adverse periodic monitoring, within 1 day of receipt of the results);
- Record details of the incident describing the nature and extent of the problems, and the remedial actions taken in the log book or recording system.

4.9 The Operator shall inform the Regulator within 24 hours in cases where:

- An emission is likely to have an effect on neighbouring premises; or
- There is a failure of arrestment plant.

The report to the Regulator shall include:

- The date and time of the incident;
- The cause and nature of the incident;
- Details of any abnormal emissions;
- Remedial actions taken.

The Operator shall record the details of the incident describing the nature and extent of the problems and the remedial actions taken in the log book or recording system.

4.10 Where the results of a monitoring exercise demonstrate a breach in a Permit condition such as a breach of the emission limit or a persistent visible emission, the Operator shall investigate the adverse results on the day the monitoring data is obtained. The Operator shall:

- Close down the line/emission point with the adverse result;
- Identify the cause and take corrective action;
- Record as much detail as possible regarding the cause and extent of the problem and the action taken by the operator to rectify the situation;
- Re-test to demonstrate compliance as soon as possible;
- Notify the Regulator within one day of knowledge of the adverse result.

4.11 Visual and olfactory assessments of emissions shall be made by the operator upon commissioning a surface treatment tank, and whenever any change is made to the installation processes. If coloured or

odorous emissions are detected, then these assessments shall be made at least once a day whilst the process is operating. Remedial actions shall be taken immediately. Results of these assessments and details of remedial actions shall be recorded, including their dates, times and locations. The results shall be made available to the Regulator upon request

4.12 The Operator shall ensure that records of all results and inspections, tests and assessments are kept in accordance with Permit conditions. The records shall include the date and time of inspection, the nature, colour, persistency and intensity of any emission, details of any repair or maintenance work carried out and the name of the person carrying out the inspection. The records shall be kept on the premises available for inspection by the Regulator. Such records shall be kept for a minimum of two years and shall be furnished in writing to the Regulator upon request.

5.0 Control Techniques

5.1 The stack and ductwork shall be maintained in a leak proof condition and shall be adequately insulated to prevent exhaust gas temperature falling below the dew point

5.2 The accumulation of materials in flues and ductwork shall not be permitted

5.3 Stacks shall not be fitted with any restriction at the termination point, with the exception of an accelerator cone which increases the exit velocity.

5.4 Spares and consumables for abatement plant subject to continual wear such as parts for the extraction systems, temperature monitors and alarms shall be held on site and stored appropriately or shall be available within 24 hours from guaranteed suppliers.

5.5 Rim extraction systems shall be fitted to the heated tanks. The extracted emissions shall be exhausted through the stack as indicated on the plan in Schedule 2 of this Permit.

5.6 All potentially dusty materials shall be stored in covered containers or under cover

5.7 All spillages shall be cleared as soon as possible after they occur in accordance with a written Spill Procedure by trained personnel using appropriate equipment and techniques

5.8 Spillages of dusty materials shall be cleared by vacuum, wet or other methods that do not give rise to particulates to the atmosphere, in accordance with a written Spill Procedure.

5.9 Dry sweeping of dusty materials shall not be permitted.

5.10 Areas where fresh and waste acid or other substances are stored shall be bunded. Bunding shall be impervious and resistant to the substances in storage. Bunds shall have a capacity of 110% of the capacity of the largest storage tank within them.

5.11 The height of the final discharge stack from the installation as indicated on the plan in Schedule 2 of this Permit shall be 10.5 metres.

5.12 Waste gases emitted from the final discharge stack serving the extraction systems shall have a minimum exit velocity of 15 m/s.

5.13 The temperature of acids in process tanks shall be continuously monitored and automatically maintained at 45˚ +/- 5°C. that is, between 40˚ to 50º C.

5.14 The acid tanks temperature monitors shall be fitted with audible and visual alarms to indicate when the tolerance 45˚ +/- 5°C is breached.

5,15 All low level alarm events shall trigger the automatic shut-down of the heaters to the heated tanks. Reset of the alarms following an alarm event shall be automatic.

5.16 In the event of an emission triggering the alarm, the operators shall ensure that work pieces are removed from the tanks or lines in such a way as to minimise any fugitive emissions.

5.17 All alarm events shall be automatically recorded whether genuine or false.

5.18 The temperature monitors serving the acid tanks shall be calibrated at an appropriate time interval as recommended by the manufacturer, such as once in every 3 month period. Details of the calibration shall be recorded in the log book or recording system, kept on site for a minimum of 2 years and be available for inspection by the Regulator on demand.

5.19 The alarms serving the temperature monitors shall be tested once per week to ensure they are in suitable working order. Any repairs necessary shall be carried out promptly and within 2 working days.

5.20 A record of the results of the weekly alarm test and any repairs necessary shall be recorded in the log book or recording system, kept on site for a minimum of 2 years and be available for inspection by the Regulator on demand.

5.21 Spillages of hydrofluoric acid shall be absorbed using HF resistant spill materials.

5.22 Personnel shall be trained specifically in dealing with nitric acid and hydrofluoric acid spills and a record kept of their training.

5.23 A supply of suitable Spill Kits, resistant to the chemicals in storage, shall be clearly labelled and located in the vicinity of the installation.

5.24 All chemicals shall be stored in closed vessels resistant to the substances in storage, with gas tight seals or secure caps.

5.25 Chemicals, including wastes, shall be transferred to/from the process line using pipework resistant to the chemicals under transfer.

5.26 All vessels containing chemicals and transfer pipework shall be located within a bunded area. Bunding shall be impervious and resistant to the substances in storage. Bunds shall have a capacity of 110% of the capacity of the largest storage tank within them.

5.27 Bunds shall be covered or kept free of rain water or other substances, shall be checked after rain or snowfall and pumped out if necessary.

6.0 Maintenance

6.1 The Operator shall produce and submit a schedule of maintenance for all plant, bund and equipment concerned with the control of emissions to air. It shall be submitted to the Regulator within 8 weeks of the date of this Permit. The Operator shall keep a record of maintenance regarding pollution control equipment and conveyor systems which shall be made available for inspection by the Regulator upon request.

6.2 Details of all maintenance, whether planned or unplanned, shall be recorded in the log book or recording system kept in accordance with this Permit. Any malfunction or breakdown leading to abnormal emissions shall be dealt with promptly and process operations adjusted until normal operations can be restored. All such malfunctions shall be recorded in the log book kept in accordance with this Permit.

6.3 Chimneys, flues and duct work shall be inspected and cleaned regularly. Any such cleaning or inspection shall be recorded and details shall be kept on site for a period of at least two years. The details shall be made available to the Regulator upon request.

6.4 Spares and consumables subject to continual wear shall be held on site or shall be available at short notice from guaranteed suppliers.

6.5 Records of breakdowns and plant failure shall be kept and analysed in order to eliminate common failures. The records shall be made available for inspection by the Regulator on demand.

6.6 The Operator shall ensure that all abatement plant is serviced at least once in every 12 month period by a competent person. Details of the maintenance shall be kept on site and made available for inspection by the Regulator on demand.

7.0 Records and Training.

7.1 Staff at all levels shall receive training and instructions necessary for their duties and shall include the following:

- Responsibilities under the Permit;
- Minimisation of emissions;
- Actions during abnormal emissions.

7.2 The Operator shall keep and maintain a statement of training requirements for each operational post and keep a record of the training received by each employee whose actions may have an impact on emissions. These documents shall be made available to the Regulator upon request.

7.3 The Operator shall ensure that all records required to be made by this Permit and any other records made in relation to the operation of the permitted process shall:-

a) be made available for inspection by the Regulator at any reasonable time;
b) be supplied to the Regulator on demand and without charge;
c) be legible;
d) be made as soon as reasonably practicable;
e) indicate any amendments which have been made and shall include the original record wherever possible, and;
f) be retained at the Permitted installation, or other location agreed by the Regulator in writing, for a minimum period of 2 years from the date when the records were made, unless otherwise agreed in writing.

8.0 Complaints

8.1 Within 2 weeks of the date of issue of this Permit, the Operator shall submit a written complaints procedure to Sheffield City Council's Environmental Protection Service to be followed by the Operator in the event of any complaint from the general public, for approval in writing.

9.0 General Conditions

9.1 The Operator shall notify the following the Regulator, in writing, within 14 days of their occurrence:-

- Any change in the trading name of Symmetry Medical Sheffield Limited's registered name or registered office address
- A change to any particulars of any ultimate holding company of Symmetry Medical Sheffield Limited's (including details of an ultimate holding company where Symmetry Medical Sheffield Limited has become a subsidiary);

- Any steps taken with a view to Symmetry Medical Sheffield Limited's going into administration, entering into a company voluntary arrangement or being wound up.

9.2 The Operator shall notify the Regulator **without delay** of;

a) The detection of an emission of any substance, which exceeds any limit or criterion in this Permit, specified in relation to the substance;
b) The detection of any fugitive emission that has caused, is causing or may cause significant pollution, unless the quantity emitted is so trivial that it would be incapable of causing significant pollution.
c) The detection of any malfunction, breakdown or failure of plant or techniques which has caused, is causing or has the potential to cause significant pollution
d) Any accident, which has caused, is causing or has the potential to cause significant air pollution.

9.3 The Operator shall give written notification to the Regulator in the following instances;

a) Permanent cessation of the operation of any part of, or all of the Permitted Installation;
b) Cessation of the operation of any part of, or all of the Permitted Installation for a period, likely to exceed 1 year;
c) Resumption of the operation of any part of, or all of the permitted installation after a cessation notified under b) above

9.4 All reports and notifications required by this Permit, or under any Regulation under the Environmental Permitting Regulations 2016, as amended, shall be sent to the Regulator. Unless notified in writing, all reports, notifications and communications in respect of this Permit shall be sent to:

Sheffield City Council,
Environmental Protection Service
Floor 5 North, Howden House
1 Union Street
Sheffield S1 2SH

Alternatively Email: eps.admin@sheffield.gov.uk or ippc@sheffield.gov.uk

Telephone: (0114) 273 4651

Or, Email:- ippc@sheffield.gov.uk

Please Note

Where complaint is attributable to the operation of the installation and is, in the opinion of the Local Authority, justified, or if new knowledge develops on the potential for harmful effects from emissions, an immediate review of the Permit shall be undertaken. The Local Authority shall subsequently specify any new requirements and compliance time scales.

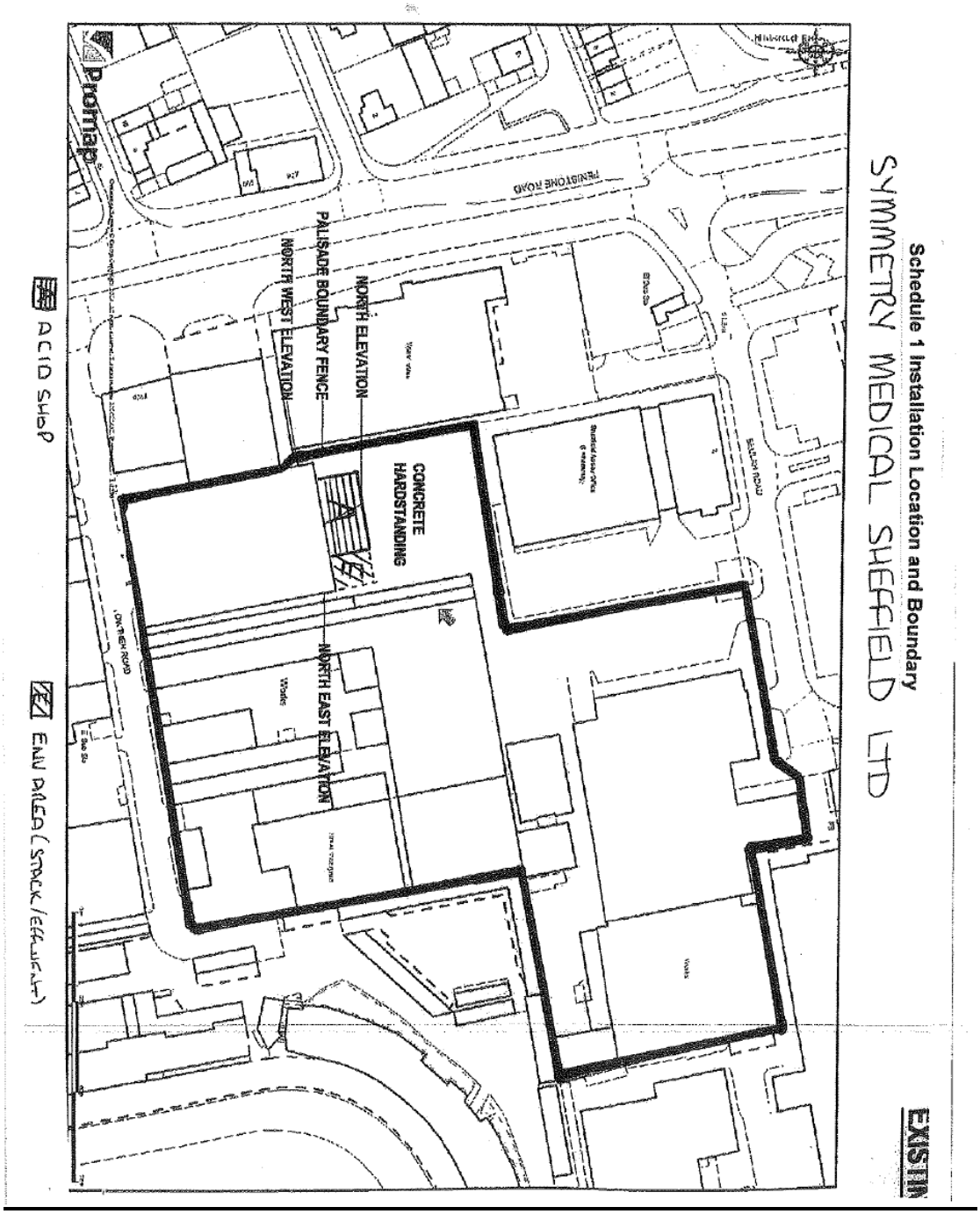
An annual subsistence fee as prescribed by the Secretary of State for the Environment shall be payable, for this Permit, by the process Operator, to this Authority within 2 weeks of the 1st April of each year.

In the event that the Permit has been issued after the 1st April in the initial year then the subsistence fee shall be pro rata for the complete months remaining and shall be due within 2 weeks of the Permit issue date.

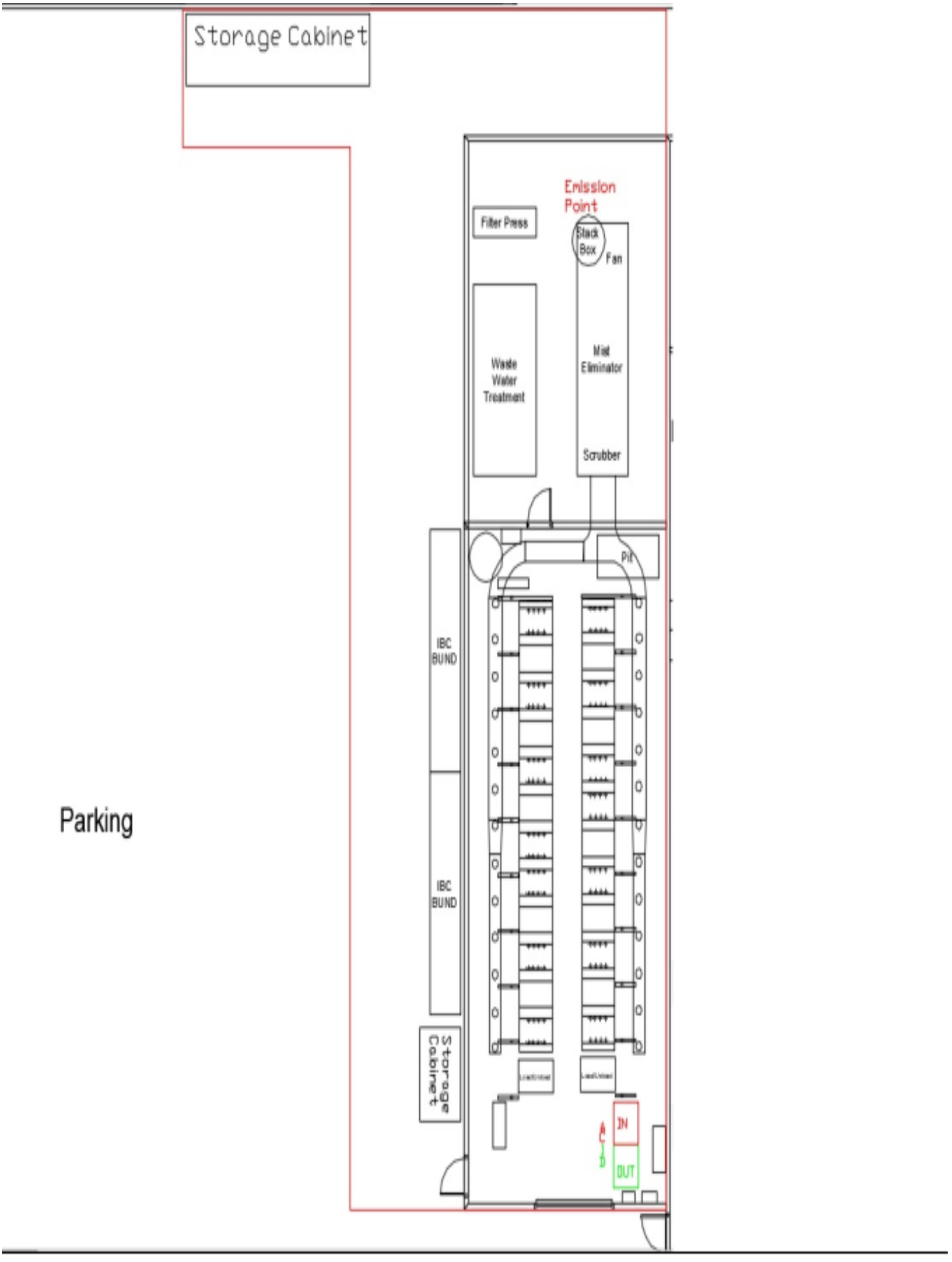
If the relevant payment is not received by Sheffield City Council's Environmental Protection Service then Permit revocation procedures shall be initiated in accordance with Section 22 of the Environmental Permitting (England & Wales) Regulations 2016 or any statutory re-enactment of the same.

The requirements of this Permit are not to be taken as planning permission. Where any structural alterations are necessary to ensure compliance with this Permit then the normal planning channels should be followed.

Schedule 1: Installation Location and Boundary



Schedule 2: Installation Layout



Schedule 3: Work Schedules

ISSUE B 24.11.2020

PROCESS SCHEDULE - LINE 1

PROCESS SEQUENCE			TANK SPECIFICATION							REMARKS
No.	PROCESS	TEMP	LENGTH	DEPTH	WIDTH	VOLUME	MATERIAL	HEATING		
	DESCRIPTION	°C						KW	MAT	
1	LOAD/UNLOAD						MS			
2	COBOLT ETCH	40-50	700	800	500	1100	PP PVDF	6	PTFE	
3	CWR		700	800	500	1100	PP			
4	TITANIUM ETCH	40-50	700	800	500	1100	PP PVDF	6	PTFE	
5	CWR		700	800	500	1100	PP			
6	TITANIUM DESMUTT		700	800	500	1100	PP			
7	CWR		700	800	500	1100	PP			
8	HWR	80	700	800	500	1100	PP	12	SS	AUTO TOP-UP
9	HWR	80	700	800	500	1100	PP	12	SS	AUTO TOP-UP
10	CWR		700	800	500	1100	PP			
11	NICKEL STRIP	40-50	700	800	500	1100	PP PVDF	6	PTFE	
12	CWR		700	800	500	1100	PP			
13	NICKEL ETCH	40-50	700	800	500	1100	PP PVDF	6	PTFE	

ISSUE A 13.12.2013 JWE INITIAL ISSUE
ISSUE B 24.11.2013 TANK 8 - CHANGED SS (STAINLESS STEEL) TO PP (POLYPROPLYENE)
TANK 9 - CHANGED SS (STAINLESS STEEL) TO PP (POLYPROPLYENE)

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PROCESS SCHEDULE - LINE 2

PROCESS SEQUENCE			TANK SPECIFICATION							REMARKS
No.	PROCESS	TEMP	LENGTH	DEPTH	WIDTH	VOLUME	MATERIAL	HEATING		
	DESCRIPTION	°C						KW	MAT	
1	LOAD/UNLOAD						MS			
2	TITANIUM ETCH	40-50	700	800	500	1100	PP PVDF	6	PTFE	
3	CWR		700	800	500	1100	PP			
4	TITANIUM DESMUTT	40-50	700	800	500	1100	PP PVDF	6	PTFE	
5	CWR		700	800	500	1100	PP			
6	HWR		700	800	500	1100	PP			
7	HWR		700	800	500	1100	PP			
8	CWR	80	700	800	500	1100	PP	12	SS	AUTO TOP-UP
9	MAGNETIC STAINLESS ETCH	80	700	800	500	1100	PP	12	SS	AUTO TOP-UP
10	CWR		700	800	500	1100	PP			
11	COBOLT ETCH	40-50	700	800	500	1100	PP PVDF	6	PTFE	
12	CWR		700	800	500	1100	PP			
13	NOT IN USE	40-50	700	800	500	1100	PP PVDF	6	PTFE	

ISSUE A 13.12.2013 JWE INITIAL ISSUE
ISSUE B 24.11.2013 TANK 6 - CHANGED SS (STAINLESS STEEL) TO PP (POLYPROPLYENE)
TANK 7 - CHANGED SS (STAINLESS STEEL) TO PP (POLYPROPLYENE)
TANK 11 - PROCESS CHANGED NICKEL ETCH TO COBOLT ETCH
TANK 13 - PROCESS CHANGED NOW NOT IN USE