



**POLLUTION PREVENTION AND CONTROL ACT 1999
ENVIRONMENTAL PERMITTING (ENGLAND AND WALES) REGULATIONS
2016, as amended**

Permit Number: 6.4/092690/JT

**Installation Address:
Chapmans Agricultural Limited
Club Mill Road
Sheffield
S6 2FH**

In accordance with Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016, as amended, Chapmans Agricultural Limited is hereby permitted to operate a scheduled activity at the address detailed above, namely a Coating of Metal Activity as described in Schedule 1, Section 6.4, Part B, subsection (a)(iv) and subject to the following permit conditions.

Signed

Dated this day 21st May 2019

**Commercial Team Manager
Authorised by Sheffield City Council to sign on their behalf**

The Secretary of States Guidance Note PG 6/23(11) Coating of Metal and Plastic Processes (revised June 2014) has provided the framework for the conditions in this permit.

Name & Address of Operator:

Chapmans Agricultural Limited
Club Mill Road
Sheffield
S6 2FH

Contacts: Tel 0114 2856000 ian.bunting@chapmans-uk.com

Company Number: 00564420

Registered Office:

Chapmans Agricultural Limited
Club Mill Road
Sheffield
S6 2FH

Address of Permitted Installation:

Chapmans Agricultural Limited
Club Mill Road
Sheffield
S6 2FH

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
5th Floor (North)
Howden House
1 Union Street
Sheffield
S1 2SH**

Tel: 0114 273 4651

Alternatively Email: epsadmin@sheffield.gov.uk

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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, as amended, (“the EP Regulations”) to operate an installation carrying out activities covered by the description in Schedule 1, Section 6.4, Part B, subsection (a)(iv) of those Regulations.

SECTION 6.4*Coating activities, printing and textile treatments*

Part B

(a) Unless falling within Part A(1) or Part A(2) of this Section or Part A(2)(c) of Section 2.1, any process (other than for the re-painting or re-spraying of, or of parts of, aircraft or road or railway vehicles) for applying to a substrate, or drying or curing after such application, printing ink or paint or any other coating material as, or in the course of, a manufacturing activity, where the process may result in the release into the air of particulate matter or of any volatile organic compound and is likely to involve the use in any 12-month period of—

(iv) 5 or more tonnes of organic solvents in respect of any activity not mentioned in sub-paragraph (iii).

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
Sheffield City Council
5th Floor (North)
Howden House
1 Union Street
Sheffield
S1 2SH

Tel: 0114 273 4651 or email epsadmin@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.

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.

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 2016 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 following activities carried out within the site location plan as detailed in Schedule 1 of this Permit.

Agricultural and other parts are shotblasted prior to coating to create a suitable surface for coating. The shotblasting plant are fitted with extraction that vents internally and there are no direct emissions to atmosphere from the shotblasting activities.

New paint is stored in sealed containers prior to use. Solvent based paints are stored in a bunded store room and water based paints are stored in a temperature controlled room, heated to a maximum of 17°C.

The paint dipping tanks have a capacity of 1326 litres and 1960 litres. Paint is added to the tank by transferring from 205 litre drums. If required, thinners are added and the product is mixed to obtain the optimum viscosity. There is a stack directly off the paint dipping tank.

Agricultural parts are placed on hooks connected to a mechanical dipping line. The line of agricultural parts travels to the paint dipping tank and dips the components into the coating. The line then transports the coated parts to a drying oven operating at 150°C where the paint cures.

Emissions of volatile organic compounds from the paints are fugitive within the coating room and also drawn up through the extraction to the drying ovens and emitted via one of four stacks. The stack details are given in Table 1 below. A trivial amount of particulate matter is also released via the stacks.

Table 1

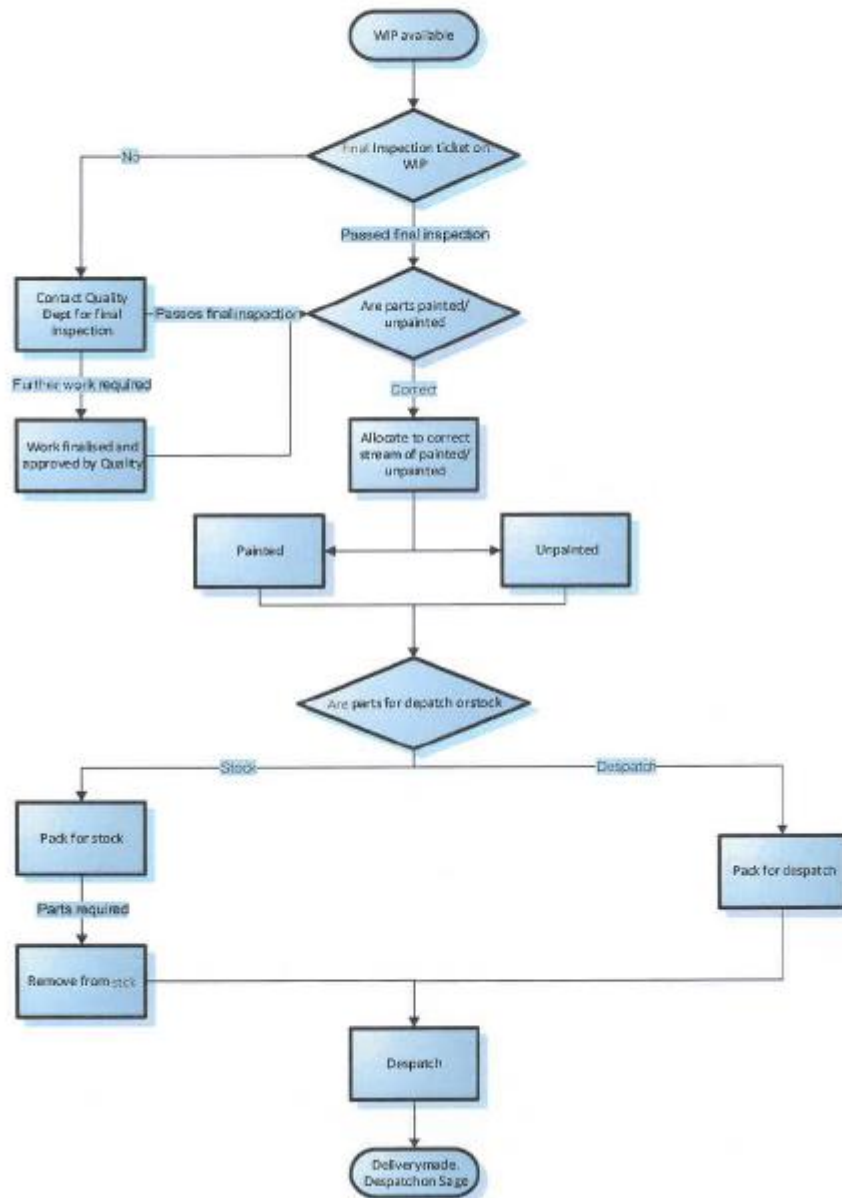
Pollutant Emitted	Height (m)	Height above roof (m)	Diameter (mm)	Air Flow rate (m/s)	Termination Type	ID No
VOC	6.8	1.8	600	10.07	Swedish cowl	8028
VOC	7.9	1.2	300	6.7	standard	8019
VOC	6.5	1	225	6.67	standard	8020A
VOC	7.1	1.5	225	12.88	standard	8020B

The parts are then cooled in the ambient air on the hooks. Once dried, the parts are removed from the hooks and packed ready for dispatch or stock. Tanks and hooks are cleaned using a manual scraping method not involving any solvents.

A flow diagram of the process is shown on the following page.

This permit also applies to the receipt of raw materials, the handling, storage and transport on site of waste and raw materials and dispatch of final products within the installation boundary highlighted on the Installation Layout shown in Schedule 2 of this Permit.

6. PROCESS



CONDITIONS OF PERMIT

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

Section 1 – Upgrading

- 1.1 Any cap or cowl to the paint dipping and oven drying process stacks shall be removed and replaced with a low resistance type that does not interfere with the dispersion of emissions, within 8 weeks of the date of this permit.
- 1.2 Within 2 weeks of the date of issue of this Permit, the Operator shall provide details of appropriate stack height calculations for the process stacks carried out in accordance with Environment Agency Guidance H1, or “Air emissions risk assessment for your environmental permit” Guidance. The Operator may use an alternative relevant technical document to calculate the appropriate stack heights with prior approval in writing from the Regulator. The report shall also include the current stack heights. The report shall be submitted to the Regulator for approval in writing.
- 1.3 Where the H1, or other stack height calculation or air emissions risk assessment report, required by condition 1.2 demonstrates that the current stack heights do not meet the appropriate requirements, the stacks shall be extended to the appropriate stack heights within 6 weeks of the Operator's receipt of the report.

Section 2 – Plant and Equipment

- 2.1 The permitted activity shall be carried out at the site indicated on the Site Location Plan in Schedule 1 of this Permit.
- 2.2 The permitted activity shall only be carried out using the plant and equipment as detailed in the Description of Activities on page 9 of this permit and within the black lined area as detailed on the Installation Site Layout and Boundary reproduced in Schedule 2 of this permit.
- 2.3 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. Any proposed change in the operation of the installation, including removal, replacement or changes in plant, substances or the process, prior to the change occurring;
 - d. Resumption of the operation of any part of, or all of the permitted installation after a cessation notified under (b) above.
- 2.4 No plant or equipment used for any activity shall be operated with an extraction point direct to atmosphere unless specifically noted within this Permit or agreed in writing with the Regulator.

Section 3 - Emission Limits and Controls

- 3.1 All emissions to the external air, other than steam or condensed water vapour shall be free from droplets and free from persistent mist, persistent fume and persistent visible emissions.
- 3.2 There shall be no offensive odour detectable beyond the installation boundary and no visible emissions beyond the installation boundary, as perceived by the Regulator.
- 3.3 There shall be no visible dust or particulate matter detectable beyond the installation boundary, as perceived by the Regulator.
- 3.4 Emissions from the gas drier chimneys shall be free from visible smoke during normal operation
- 3.5 The Operator shall ensure solvent emissions compliance through a solvent reduction scheme. Compliance with the reduction scheme shall be achieved if the annual actual solvent emission, determined from the solvent management plan, is less than or equal to the target emission of:

Total mass of solids x 0.6

where the annual actual solvent emission = $I_1 - O_8 - O_7 - O_6$

Details of inputs and outputs are detailed within Schedule 3 of this permit.

- 3.6 The use of odour masking agents is not permitted. Where offensive odour is detected at the installation boundary, counteractants may be used only by agreement in writing with the Regulator.
- 3.7 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.
- 3.8 When using coatings containing isocyanates, an emission limit of 0.1mg/m^3 as a 30 minute mean excluding particulate matter and expressed as NCO shall apply.
- 3.9 When using materials designated because of their VOC content as Hazard Statement H340, H350, H350i, H360D or H360F, an emission limit of 2mg/m^3 shall apply to the individual compounds.
- 3.10 When using materials designated because of their halogenated VOC content as Hazard Statement H341 or H351, an emission limit of 20mg/m^3 shall apply to the individual compounds.

Section 4 - Monitoring, Sampling and Measurement of Emissions

- 4.1 The Operator shall ensure that a detailed inventory of all solvent usage is kept and submitted to the Regulator every six months, within four weeks of the end of the six month period to which the inventory relates. This inventory shall include cleaning solvent usage, diluent solvent usage and the solvent or organic compound content of coatings and the quantity of coatings purchased. The inventory shall also include all solvents removed from the site as waste and any quantities recovered for re-use, and the quantity of solvents used for cleaning or degreasing. The next inventory shall be submitted by 1st October 2019.
- 4.2 The Operator shall ensure that an olfactory assessment of emissions from the building housing the coating process is carried out at least once a day for a period of at least two minutes when dip coating is being carried out. The assessment shall be made down wind of the building at a point on the installation boundary. The results of these assessments shall be recorded in the log book or recording system kept in accordance with Condition 9.5 of this Permit.
- 4.3 The Operator shall undertake periodic monitoring to demonstrate compliance with emissions limits specified in conditions 3.8, 3.9 and 3.10, where applicable, of this Permit. The frequency of this monitoring shall be at least once in every 12 month period or as otherwise agreed in writing by the Regulator.
- 4.4 Monitoring shall be carried out in accordance with methods described in M1 "Sampling requirements for monitoring stack emissions to air from industrial installations" and M2 "Monitoring of stack emissions to air", or by another method agreed in writing by the Regulator .
- 4.5 Results of non-continuous monitoring shall include details of process conditions at the time of monitoring, monitoring uncertainty and any deviations from the procedural requirements of standard reference methods and any error invoked from such deviations.
- 4.6 The Regulator shall be advised at least 7 days in advance of any periodic stack monitoring exercise. The site specific monitoring protocols shall be submitted and include the stacks to be tested, pollutants to be monitored, methods to be used and the competencies of the consultants undertaking the testing.
- 4.7 The results of periodic monitoring tests shall be forwarded to Sheffield City Council's Environmental Protection Service, within 8 weeks of completion of the testing.
- 4.8 The Operator shall ensure that adequate facilities for sampling are provided on vents or ducts. Sampling points on new plant shall be designed to comply

with the British or equivalent standards.

- 4.9 The introduction of dilution air to achieve emission limits is not permitted.
- 4.10 In the reporting and keeping of emissions monitoring results, all pollutant concentrations shall be expressed at reference conditions 273k, 101.3kPa. The oxygen and water references shall be that which correspond to the normal operating conditions in the process.
- 4.11 Where the results of any monitoring demonstrate a breach of the emission concentration limit, the Operator shall investigate the matter as soon as possible. The investigation shall include the following steps:
- Close down the process or plant responsible for the breach;
 - Identify the cause of the breach;
 - Carry out any necessary works or repairs to ensure compliance with the emission concentration limit;
 - Re-test the plant to demonstrate compliance with the emission concentration limit specified;
 - Submit the emissions monitoring report to the Regulator within 7 days of receipt of the results;
 - Record details of investigations and outcomes.
- 4.12 In case of abnormal emissions, the Operator shall:
- Immediately investigate the cause and take corrective action;
 - Adjust the process or activity to minimise the emissions;
 - Promptly record the events and action taken.
- 4.13 The Operator shall inform the Regulator of any abnormal emissions within 1 day of the event, unless there is an emission likely to have an effect on the local community, in which case the information shall be forwarded no later than 10am the following working day.

Section 5 - Materials Handling

- 5.1 All spillages shall be cleared as soon as possible and in the case of fine materials this shall be achieved by the use of vacuum cleaning, wet methods, or other appropriate techniques. Dry sweeping or the use of compressed air to blow surfaces clean shall not be permitted. Dusty materials shall be stored in closed containers and handled in a manner that prevents emissions.
- 5.2 All substances containing organic solvents shall be stored in sealed containers prior to use. Storage of substances containing solvents shall be in accordance with the advice in the relevant chemical data sheet.
- 5.3 Coatings shall be mixed or stirred using a lidded system in order to contain solvent emissions.

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- 5.4 Emissions from the filling and emptying of storage and mixing vessels and the transfer of coatings and thinners to the dipping tank shall be contained by the use of covered or closed delivery systems.
 - 5.5 All potentially odorous materials, including waste, shall be stored in suitable enclosed containers.
 - 5.6 All reasonable efforts shall be made to minimise the amount of residual organic solvent bearing material left in drums and other containers after use.
 - 5.7 Prior to disposal, empty drums and containers contaminated with organic solvent should be closed to minimise emissions from residues during storage prior to disposal.
 - 5.8 Spillages of materials containing solvents shall be cleared without delay.
 - 5.9 An adequate number of suitable Spill Kits shall be provided and located in suitable areas in order to adequately tackle spillages. All relevant staff shall be trained in the use of the spill kits.
 - 5.10 Spill Kits shall be checked frequently and the stocks maintained in order to ensure they are capable of adequately tackling a spillage.
 - 5.11 Waste contaminated with solvents such as wiping cloths, gloves, overalls or material used to clear spillages shall be disposed of in a suitably labelled metal bin fitted with a self-closing lid.
 - 5.12 All vessels or containers of organic solvents shall be stored in a bunded zone which shall extend to completely surround the container, be impervious and resistant to the liquids in storage and be capable of holding 110% of the capacity of the largest container.
 - 5.13 The use of thinners shall be controlled, monitored, recorded and minimised.
 - 5.14 Addition of thinners shall be calculated and specified for each job in written instructions and the required quantity shall not be exceeded.
 - 5.15 Paint application shall only be carried on inside a building with the roller shutter doors closed.
 - 5.16 Cleaning of tanks, equipment and hooks shall be undertaken in a manner which does not include the use of organic solvents.

Section 6 - Designated Hazard Statement Materials and Substitution Plan

- 6.1 Designated "Hazard Statement" materials¹, used in the installation must be replaced, or controlled and limited, as set out in PG 6/23(11) for Coating of Metal and Plastic Processes SE Box 7, or any re-issue or update of the same.

1Materials designated, because of their VOC content: Until 1 Jun 2015: risk phrase R45, R46, R49, R60 or R61. From 1 Dec 2010: hazard statement H340, H350, H350i, H360D or H360F. Materials designated because of their halogenated VOC content: Until 1 Jun 2015: risk phrase R40, or from 1 Dec 2010 until 1 Jun 2015, risk phrase R68. From 1 Dec 2010: hazard statements H341 or H351. As from 1st Dec 2010 "risk phrase" materials will also be known as "hazard statement" materials. Either term will apply until 1 Jun 2015, when only the term "hazard statement" materials will apply.

- 6.2 The Operator shall maintain a register of designated Hazard Statement materials used in the installation. The register shall be made available for inspection by the Regulator upon request.
- 6.3 The Operator shall inform the Regulator in writing of any proposed changes to the Hazard Statement register at least 7 days prior to the changes taking place.
- 6.4 Where Hazard Statement substances are used, annual manual extractive testing shall be carried out to determine compliance with the emission limits in section 3 of this permit.

Section 7 - Solvent Management Plan

- 7.1 The Operator shall produce and submit a Solvent Management Plan to the Regulator on an annual basis by 14th January each year. The next Solvent Management Plan is due to be submitted on 14th January 2020. The Solvent Management Plan shall be produced in accordance with clauses 4.11 to 4.12 of PG 6/23 (11) (revised June 2014). The Solvent Management Plan inputs and outputs have been reproduced in Schedule 3 to this permit.
- 7.2 The Operator shall submit details to the Regulator for prior written approval for any proposal to carry out any of the following activities:
- Replacement of low or no VOC solvent coating systems with conventional high VOC content coating systems;
 - Introduction of conventional high VOC content coating systems into the process;
 - Introduction of conventional high VOC content coating systems onto products where it was not previously used;
 - Introduction of high solids formulations which have no beneficial effect on the product but increase the solids used, except where a reduction in the overall VOC emissions can be demonstrated.

Section 8 - Solvent Reduction Scheme

- 8.1 The Target Emission Value shall be calculated according to the method described in clauses 4.5 to 4.8 of PG 6/23 (11) revised June 2014.
- 8.2 The Operator shall forward an Emissions Reduction Plan to the Regulator by 14th January 2020. The Emissions Reduction Plan shall include (but not be limited to):
- a) decreases in the average solvent content of the total coating and cleaning materials inputs;

- b) increased efficiency in the use of solids in coating materials; and
- c) Target Emissions Value calculations.

Section 9 – General Operations

- 9.1 Effective, preventative maintenance shall be employed on all plant and equipment concerned with the control of emissions to air. Essential spares and consumables shall be held on site or be available at short notice from suppliers, such as bag filters, in order to rectify a breakdown rapidly.
- 9.2 Any malfunction or breakdown such as arrestment plant failure 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 or recording system kept in accordance with condition 9.5 of this permit. If there is likely to be an effect on the local community, the Regulator shall be informed without delay and by no later than 10.00 am the following working day.
- 9.3 The Operator shall keep a maintenance programme in relation to pollution control equipment. Records shall be kept of maintenance works carried out. The maintenance programme and maintenance records shall be made available for inspection by the Regulator upon request.
- 9.4 The Operator shall ensure that a visual inspection of the condition of the curing ovens, extraction plant, and associated ductwork is carried out at least once a month. Any fault, damage or defect shall be rectified without delay. The result of these inspections and any remedial action taken shall be recorded in the log book or recording system kept in accordance with Condition 9.5 of this Permit.
- 9.5 The Operator shall ensure that a log book or recording system containing all results of inspections, tests and assessments made in accordance with Conditions of this Permit is kept. These records shall include the date and time of the inspection, the nature, colour, persistency and intensity of any emission and a name of the person carrying out the inspection. Adverse results shall be investigated immediately and in all cases shall be recorded in the log book. The log 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 on demand.
- 9.6 Staff at all levels shall receive the necessary training in their duties relating to the control of the process and emissions to air. The training shall include:-
- i. awareness of responsibilities under this Permit with particular emphasis on conditions likely to give rise to VOC emissions (e.g. spillages);
 - ii. minimising emissions at start-up and shut-down;
 - iii. actions to minimise emissions during abnormal operations.
- 9.7 The Operator shall retain a statement of training requirements for each

operational post. A training record shall be kept for each person whose actions may have an impact on the environment. These documents shall be made available to the Regulator upon request.

- 9.8 Chimney flues and ductwork serving the dryers shall be inspected at least once per year and cleaned as necessary in order to prevent accumulation of material both on the internal ducting and on external ledges. Details of the inspection and any cleaning necessary as a result of the inspection shall be recorded in the log book or recording system kept in accordance with Condition 9.5 of this Permit.
- 9.9 Emissions from the final point of discharge from the chimneys shall be vertically upwards.
- 9.10 Chimneys and process vents shall not be fitted with any restriction at the final opening such as a plate, cap or cowl other than a low resistance cowl. A cone fitted to increase the efflux velocity is permitted provided that the discharge is vertically upwards
- 9.11 The best available techniques shall be used to prevent or, where that is not practicable, reduce emissions from the installation in relation to any aspect of the operation of the installation which is not regulated by any other condition of this Permit.
- 9.12 The Operator shall notify the following to the Regulator in writing, within 14 days of their occurrence:-
- Any change in the trading name, registered name, or registered office address;
 - A change to any particulars of any ultimate holding company of including details of an ultimate holding company Chapmans Agricultural Limited has become a subsidiary;
 - Any steps taken with a view to the company going into administration, entering into a company voluntary arrangement or being wound up.
- 9.13 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.

- 9.14 All reports and notifications required by this Permit, or under any Regulation under the Environmental Permitting Regulations 2016, shall be sent to Sheffield City Council's Environmental Protection Service. Unless notified in writing, all reports, notifications and communications in respect of this Permit shall be sent to email: eps.admin@sheffield.gov.uk or

Sheffield City Council

Environmental Protection Service

5th Floor (North)

Howden House

1 Union Street

Sheffield

S1 2SH

END OF PERMIT CONDITIONS.

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.

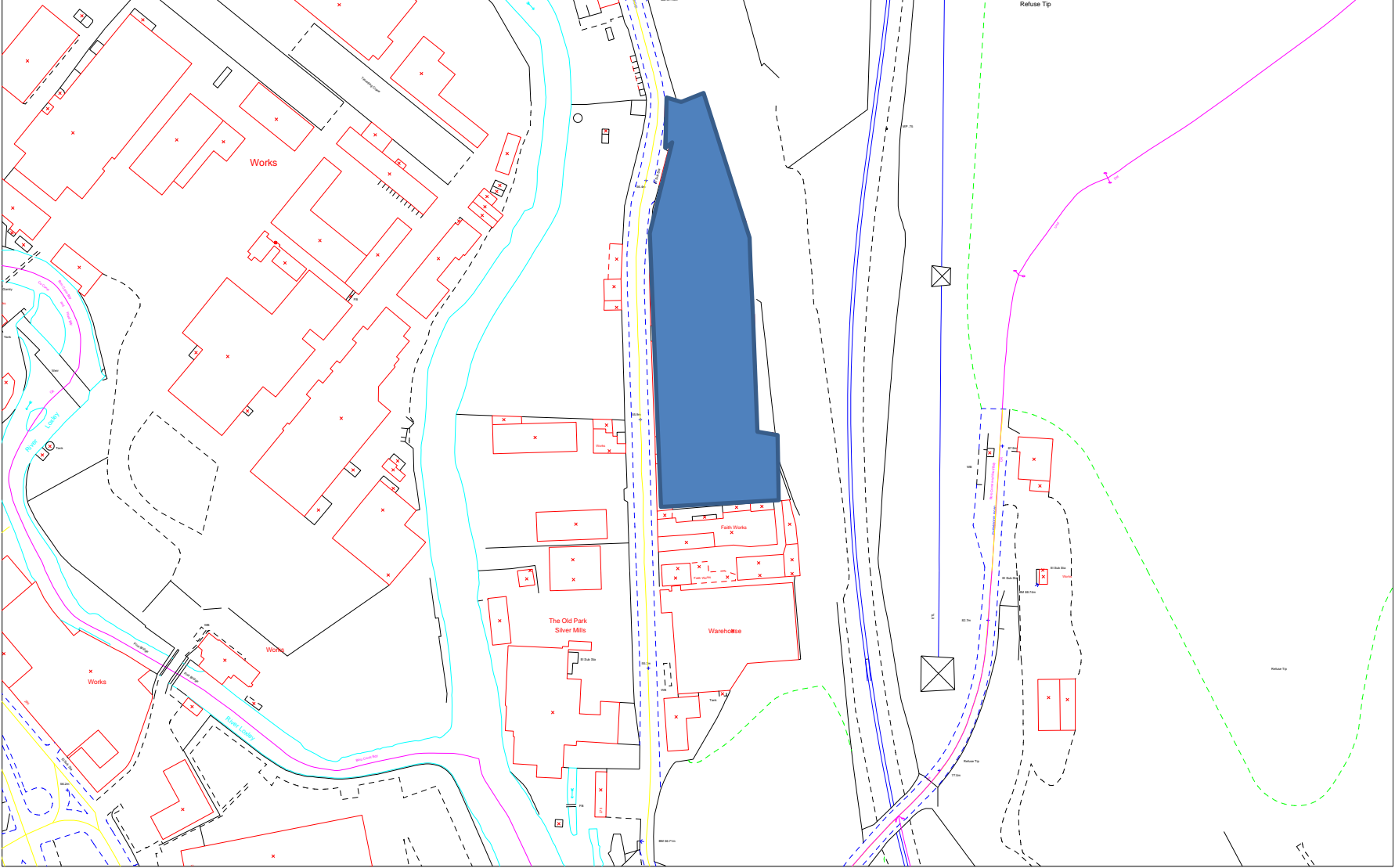
An annual subsistence fee as prescribed by the Secretary of State for the Environment shall be payable, for this Permit, by the process Operator, to this Authority within 2 weeks of the 1st April of each year.

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.

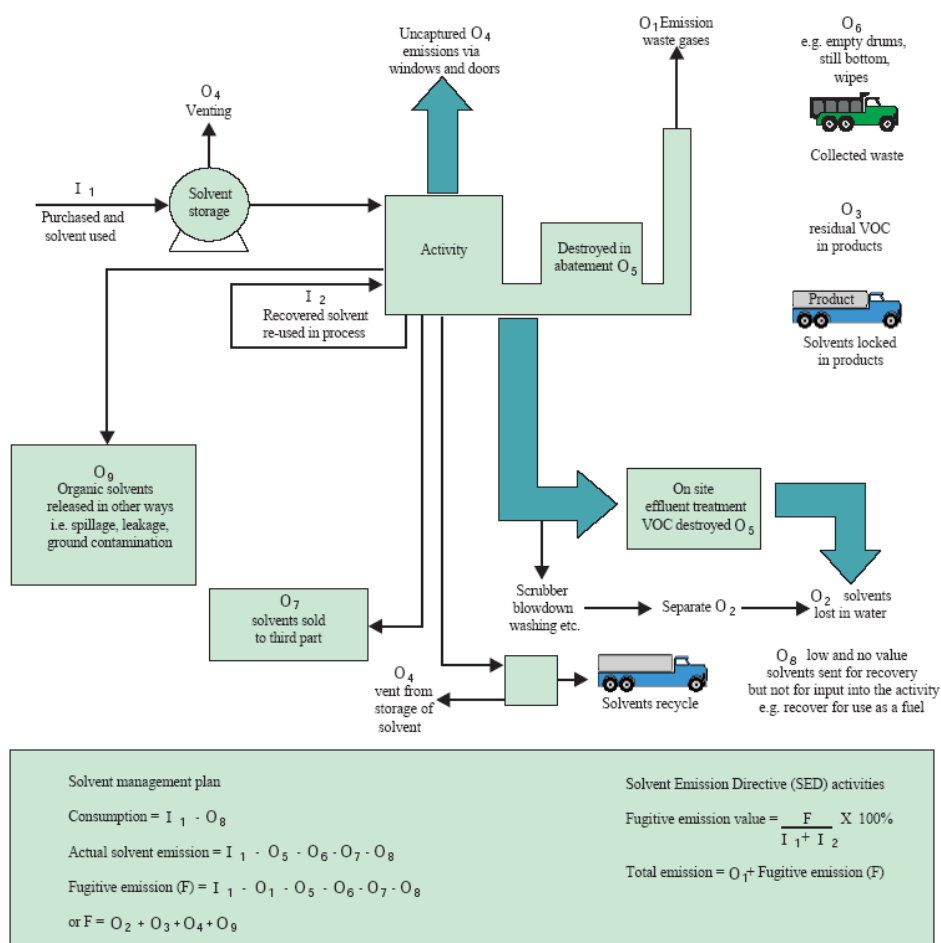
Schedule 1 – Site Location Plan





Schedule 2 - Installation Site Layout and Boundary

Schedule 3 – Solvent Inputs and Outputs



Inputs:

How much solvent is:

- bought, whether in pure form or contained in products
- recycled back into the process

Outputs:

How much solvent is:

- emitted to air, whether directly or via abatement equipment;
- discharged to water, whether directly or via water treatment;
- sent away in waste;
- lost by spills, leaks etc;
- leaving the installation in the product.

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Inputs of Organic Solvent in the time frame over which the mass balance is being calculated (I)

I1 The quantity of organic solvents or their quantity in mixtures purchased which are used as input into the process/activity

I2 The quantity of organic solvents or their quantity in mixtures recovered and reused as solvent input into the process/activity. (The recycled solvent is counted every time it is used to carry out the activity).

Outputs of Organic Solvents in the time frame over which the mass balance is being calculated (O)

O1 Emissions in waste gases.

O2 Organic solvents lost in water, if appropriate taking into account waste water treatment when calculating O5.

O3 The quantity of organic solvents which remains as contamination or residue in products output from the process/activity.

O4 Uncaptured emissions of organic solvents to air. This includes the general ventilation of rooms, where air is released to the outside environment via windows, doors, vents and similar openings.

O5 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 Organic solvents contained in collected waste.

O7 Organic solvents, or organic solvents contained in mixtures, which are sold or are intended to be sold as a commercially valuable product.

O8 Organic solvents contained in mixtures recovered for reuse but not as input into the process/activity, as long as not counted under O7.

O9 Organic solvents released in other ways.