



Environmental Permit

Pollution Prevention and Control Act 1999

Environmental Permitting (England and Wales) Regulations 2016

***ITAB UK Limited
ITAB House
Swallowdale Lane
Hemel Hempstead Industrial Estate
Hemel Hempstead
Hertfordshire
HP2 7EA***

Regulated activity:
Powder coating

Permit Number:
DBC/EP/05

Permit Issued by:

Environmental and Community Protection
Environmental Health
Dacorum Borough Council
The Forum, Marlowes
Hemel Hempstead
Hertfordshire
HP1 1DN

Tel: 01442 228000
Web: www.dacorum.gov.uk
Email: ecp@dacorum.gov.uk

The address for all correspondence in relation to this permit

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Permitting history		
Holder	Reference	Date of Issue
ITAB UK Limited	DBC/EP/05	10 th June 2020
ITAB Shop Products UK Limited (in error?)	DBC/EP/05	4 th November 2016
CG Versatile	SR 132058	26 th May 2006

Introductory Note

These introductory notes are not Environmental Permit conditions; however they do provide useful information about the Environmental Permitting Regulations:

The following Permit is granted under Regulation 13(1) of the Environmental Permitting (England and Wales) Regulations 2016 (S.I 2016 No.1154) as amended, ("the EPR") to operate a Part B activity in Schedule 1 of the EPR, to the extent authorised by the Permit.

Conditions within this Permit detail Best Available Techniques (BAT), for the management and operation of the installation, to prevent, or where that is not practicable, to reduce emissions.

In determining BAT, the Operator should pay particular attention to relevant sections of the LAPPC Process Guidance note (PG6/31(13) December 2013), and any other relevant guidance. Techniques include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

Note that the Permit requires the submission of certain information to the Regulator, and in addition, the Regulator has the power to seek further information at any time under Regulation 61 of the EPR Regulations provided that the request is reasonable.

Public Registers

Information relating to Permits, including the application, is available on public registers in accordance with the EPR. Certain information may be withheld from the public registers where it is commercially confidential, or if it is in the interest of national security to do so.

Variations to the Permit

The Regulator may vary the Permit in the future, by serving a variation notice on the Operator. Should the Operator want any of the conditions of the Permit to be changed, a formal application must be submitted to the Regulator (the relevant forms are available from the Regulator). The Status Log includes a summary of the Permits and variations issued up to that point in time and state whether a consolidated version of the Permit has been issued.

Transfer of the Permit or part of the Permit

Before the Permit can be wholly or partially transferred to another Operator, an application to transfer the Permit has to be made jointly by the existing and proposed Operators. A transfer will not be approved if the Regulator is not satisfied that the proposed Permit holder will be the person having control over the operation of the installation, or will not comply with the conditions of the transferred Permit. In addition, if the Permit authorises the Operator to carry out a specified waste management activity, the transfer will not be approved if the Regulator does not consider the proposed Permit holder to be a 'fit and proper person' as required by the EPR.

Talking to us

Please quote the permit number if you contact the Regulator about this permit. To give a notification under conditions in this permit, the Operator should use the contact details on the cover of this permit.

Description of the installation and regulated activity

This description of the installation and the regulated activity are not environmental permit conditions, however they do provide useful information about the installation and the activities undertaken. It also provides a reference point in relation to any substantial or non-substantial changes.

ITAB UK Limited operates a powder coating activity.

Metal components go through a process of pre-treatment in an iron phosphate cleaning tank; they are then washed with water. The components then pass through a drying oven to dry them off and prepare them for the powder coating application. The components then enter a manual or automatic powder coating booth. In this part of the process paint powder is applied to the components through spray nozzles within the booth. In order to improve transfer efficiency, the powder is electrostatically charged as it is sprayed.

The components then pass through a curing/stoving oven which rapidly heats the powder to produce a chemical reaction between the powder and its hardeners, which results in a durable paint finish. Paint is stripped from hooks and carriers using chemicals within a stripping tank. The chemicals used are Pre-Strip EF63A, Pre-Strip EF63B and Pre-Strip Additive EF63V. The hooks and carriers are then jet washed prior to any reuse.

No volatile organic compounds (VOC's) or solvents are used within these processes.

Permit



Permit Reference Number:
DBC/EP/05

Dacorum Borough Council ("the Regulator") in exercise of its powers under Regulation 13(1) of the Environmental Permitting (England and Wales) Regulations 2016 (S.I 2016 No.1154) as amended, hereby authorises **ITAB UK Limited** ("the Operator").
Whose limited company registration number is: **03411363**

To operate an installation at:
ITAB House
Swallowdale Lane
Hemel Hempstead Industrial Estate
Hemel Hempstead
Hertfordshire
HP2 7EA

The Operator is authorised to carry out the following activities* to the extent authorised by and subject to the conditions of this Permit.

1. Powder Coating where the use of coating material (which is applied in solid form) in any 12-month period is likely to be 20 tonnes or more as described in Section 6.4B(a) 'Coating Activities' of the Environmental Permitting (England and Wales) Regulations 2016 (as amended).

This Permit shall be subject to replacement, variation or amendment as may be considered appropriate by Dacorum Borough Council, at any time, according to the provisions of Regulation 20 of the EPR.

- * This Permit is given in relation to the requirements of the Environmental Permitting Regulations. It must not be taken to replace any responsibilities you may have under Workplace Health and Safety legislation. Nothing in this Permit grants or implies any consent under the Town and Country Planning Act.

Dated this day

10th June 2020

David Carr
Authorised to sign for:
Dacorum Borough Council

Conditions

The following are Environmental Permit Conditions and are legal requirements.

Emissions

1. No visible particulate matter shall be emitted beyond the installation boundary.

Process controls

2. Odour emissions shall be minimised by:
 - Controlling oven temperatures;
 - Controlling acid fume emissions;
 - Not using curing ovens to clean jigs.

Bulk, loose, dry material - storage and loading

3. The storage and transfer of dusty materials (including dusty wastes) shall be subject to suppression and management techniques to minimise dust emissions. New powders shall arrive on-site in sealed boxes on wrapped pallets and be delivered to the powder stores. All boxes containing used powder shall be palletised, wrapped and sealed and then moved to a dedicated enclosed skip for waste collection. The location of the powder stores and enclosed skip are detailed on the plans attached to this permit. All powder boxes shall remain closed at all times except when in use. Powder boxes shall not be left open at any time.

Monitoring provisions

4. The emission requirements and methods and frequency of monitoring set out in **Table 1** shall be complied with. Sampling shall be representative.
5. All continuous monitors fitted to show compliance with the permit shall be fitted with a visible alarm warning of abatement failure or malfunction. They shall activate when any abnormal emissions are detected and record automatically each activation. Alarms shall be tested at least once a week.
6. Any monitoring display required for compliance with the permit shall be visible to operating staff at all times. Corrective action shall be taken immediately if any periodic monitoring result exceeds a limit in **Table 1**, or if there is a malfunction or breakdown of any equipment which might increase emissions. Monitoring shall be undertaken or repeated as soon as possible thereafter and a brief record shall be kept of the main actions taken.
7. All plant and equipment capable of causing, or preventing, emissions and all monitoring devices shall be calibrated and maintained in accordance with the manufacturer's instructions. Records shall be kept of such maintenance.

8. The operator shall, in the case of abnormal emissions, inform the regulator without delay if there is an emission likely to have an effect on the local community.

Records and training

9. Written or computer records of all tests and monitoring shall be kept by the operator for at least 3 years. They shall be made available for examination by the Regulator. Records shall be kept of operator inspections, including those for visible and odorous emissions.
10. Staff at all levels shall receive the necessary training and instruction to enable them to comply with the conditions of this permit. Records shall be kept of relevant training undertaken.

End of conditions

Interpretations and Explanatory Notes

These interpretations and explanatory notes does not form part of your Environmental Permit conditions, however they do provide useful information about the Environmental Permitting Regulations:

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

<i>"Activity"</i>	An activity listed in Part 2 of Schedule 1 to the EP Regulations which will form part of an EP installation or be a mobile plant
<i>"The EPR / EP Regulation"</i>	Means the Environmental Permitting (England and Wales) Regulations 2016 S.I. 2016 No.1154 (as amended) and words and expressions defined in the EPR shall have the same meanings when used in this Permit save to the extent they are explicitly defined in this Permit.
<i>"Change in Operation"</i>	In relation to an installation or mobile plant, a change in its nature or functioning or an extension which may have consequences for the environment.
<i>"Enforcement notice"</i>	A notice served by a local authority to enforce compliance with the permit conditions or require remediation of any harm following a breach of any condition.
<i>"Installation"</i>	A stationary technical unit where one or more activities listed in Part 2 of Schedule 1 to the EP Regulations are carried out and any other location on the same site where any other directly-associated activities are carried out. and any activities that are technically linked. The terms 'regulated facility' and 'installation' are, in effect, interchangeable for A(2) and B activities.
<i>"Operator"</i>	The person who has control over the operation of the installation/regulated facility (EP Regulation 7).
<i>"Permit"</i>	A permit granted under EP Regulation 13 by a local authority allowing the operation of an installation subject to certain conditions.
<i>"Pollution"</i>	Any emission as a result of human activity which may be harmful to human health or the quality of the environment, cause offence to any human senses, result in damage to material property, or impair or interfere with amenities and other legitimate uses of the environment (EP Regulation 2(1)).
<i>"Revocation notice"</i>	A notice served by the Regulator under EP regulation 22 revoking all or part of a permit.
<i>"Permitted Installation"</i>	Means the activities and the limits to those activities described in this Permit.
<i>"Monitoring"</i>	Includes the taking and analysis of samples, instrumental measurements (periodic and continual), calibrations, examinations, tests and surveys.
<i>"MCERTS"</i>	Means the Environment Agency's Monitoring Certification Scheme.
<i>"Fugitive Emission"</i>	Means an emission to air or water (including sewer) from the Permitted installation that is not controlled by an emission limit imposed by a condition of this Permit.
<i>"Regulator"</i>	Means any officer of Dacorum Borough 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.
<i>"Best Available Techniques (BAT)"</i>	<p>Best available techniques 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 basis 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.</p> <p>For those purposes:</p> <p>"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;</p> <p>"Best" means, in relation to techniques, the most effective in achieving a high general level of protection of the environment as a whole;</p> <p>"Techniques" includes 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.</p>

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.

Any person who is aggrieved by the conditions attached to a Permit can appeal to the Secretary of State for Environment, Food & Rural Affairs. Appeals must be received by the Secretary of State no later than 6 months from the date of the decision (the date of the Permit).

Appeals relating to installations in England should be received by the Secretary of State for Environment, Food & Rural Affairs. The address is as follows;

The Planning Inspectorate
Environment Team, Major and Specialist Casework
Room 4/04 – Kite Wing
Temple Quay House
2 The Square
Temple Quay
Bristol, BS1 1PN

The appeal must be in the form of a written notice or letter stating that the person wishes to appeal and listing the condition(s) which is/are being appealed against. The following five items must be included;

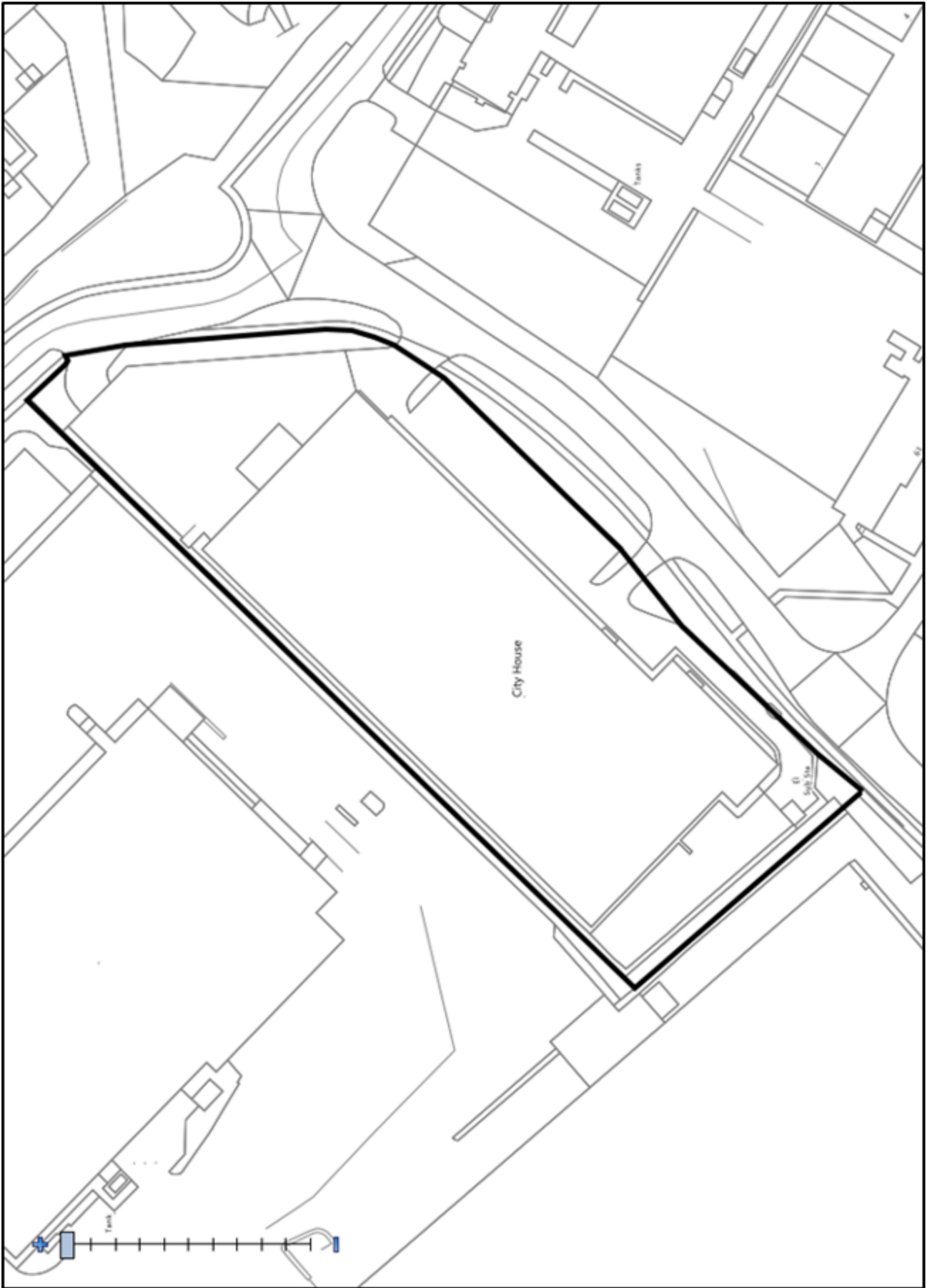
- (a) A statement of the ground of appeal;
- (b) A copy of any relevant application;
- (c) A copy of any relevant Permit;
- (d) A copy of any relevant correspondence between the person making the appeal (“the appellant”) and the Council;
- (e) A statement indicating whether the appellant wishes the appeal to be dealt with.
 - By a hearing attended by both parties and conducted by an inspector appointed by the Secretary of State; or
 - By both parties sending the Secretary of State written statements of their case (and having the opportunity to comment upon one another’s statements).

At the same time, the notice of appeal and documents (a) and (e) must be sent to the Council, and the person making the appeal should inform the appropriate Secretary of State that this has been done.

- An appeal will not suspend the effect of the conditions appealed against; the conditions must still be complied with.
- In determining an appeal against one or more conditions, the Act allows the Secretary of State in addition to quash any of the other conditions not subject to the appeal and to direct the local authority to either vary any of these conditions or to add new conditions.

Table 1: Emission limits, monitoring and related provisions

Row	Substance	Source	Emission limit/ provisions	Type of monitoring (See notes a - d)	Monitoring frequency
1	Total particulate matter	Emissions from contained processes with an airflow greater than 50m ³ /minute	10 mg/m ³	Indicative monitoring from vents over 50m ³ /min: Audible and visual alarms Plus Extractive test	Continuous Plus Annual
4	Droplets, persistent visible emissions	All releases to air (except steam and condensed water vapour)	No droplets, no persistent visible emissions	Visual observations	Daily, at the request of the regulator
<p>Notes:</p> <ul style="list-style-type: none"> a) The reference conditions for limits in Table 1 are: 273.1K, 101.3kPa, without correction for water vapour content, unless stated otherwise. b) All periodic monitoring shall be representative and shall use standard methods. c) All periodic monitoring results shall be checked by the operator on receipt and sent to the Council within 8 weeks of the monitoring being undertaken. d) The continuous monitoring provision should be dis-applied where emissions do not exceed 10mg/m³ without the use of abatement plant. This should be demonstrated by a single representative sampling exercise. A further such monitoring exercise may be required in the event of a substantial change to the process. e) Coating removal by heat – potential for odourous emissions – a purpose-designed oven should be used (see PG 2/9). 					



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ehrc

Site:

Project:

Drawing:

Date:

Permit Update (not variation)

Location Plan

9th May 2020

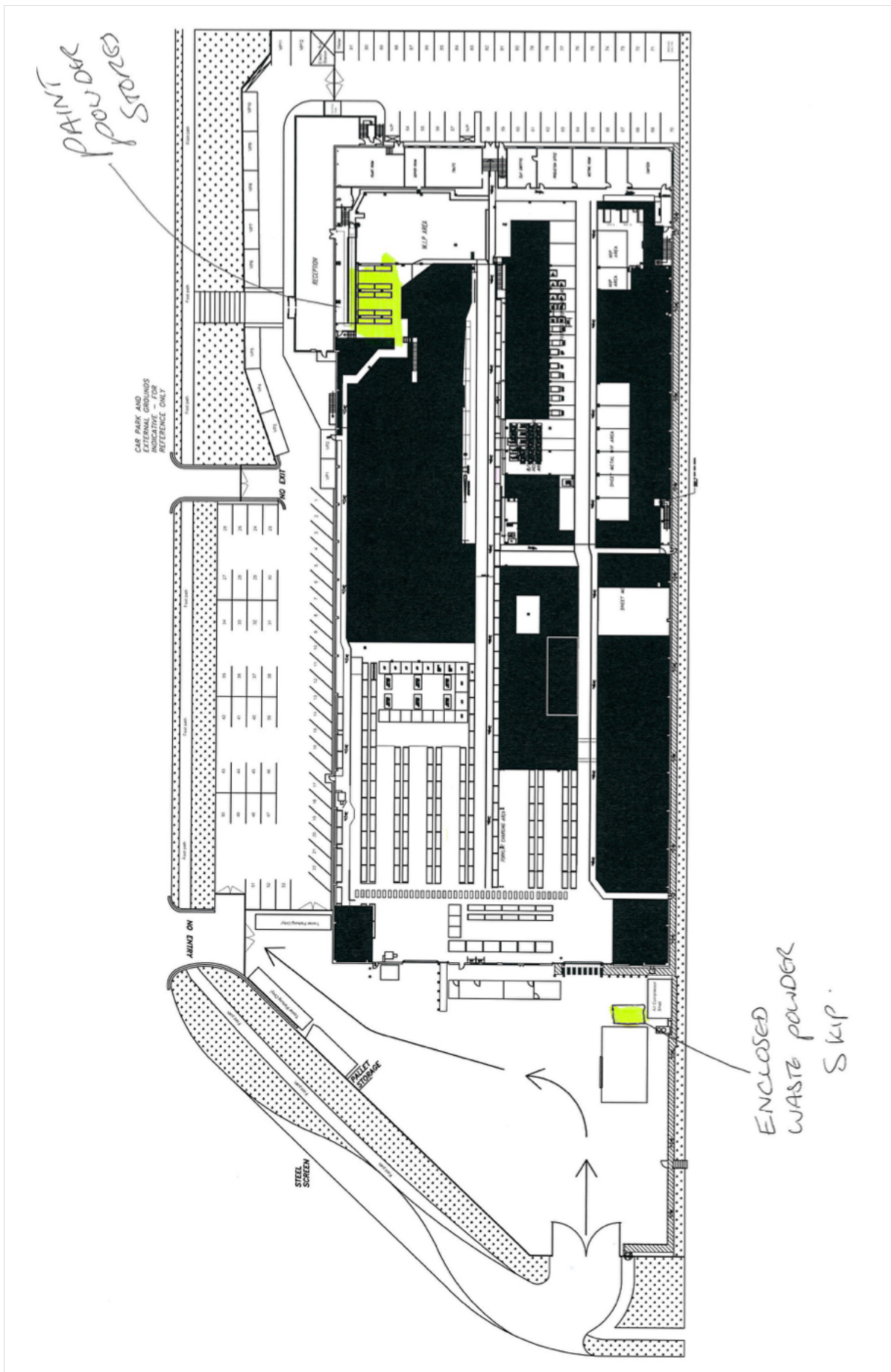
Schedule:

Permit Reference:

Schedule B

DBC/EP/05

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Site:

Project:

Drawing:

Date:

Permit Update (not variation)

External Plan

9th May 2020

Schedule:

Permit Reference:

Schedule B

DBC/EP/05