

Stratford-on-Avon District Council

Pollution Prevention and Control Act, 1999

Environmental Permitting (England and Wales) Regulations 2016

Application for a Part B permit

When to use this form

If you are sending an application to a Local Authority under the Environmental Permitting (England and Wales) Regulations 2016 and the installation requires an air pollution control permit (known as "Part B" installations).

Before you fill in this form

Do please read relevant parts of the Defra [general guidance manual](#). Chapter 4 is about making an application, Chapter 7 is about how permits are decided, and Chapter 12 gives the meaning of Best Available Techniques (BAT). Other chapters introduce the Regulations and give information about various issues.

You also need to read the relevant [process guidance note](#) to see what standards and requirements are likely to be expected of your installation.

Which parts of the form to fill in

Please fill in as much of it as possible and enclose the appropriate fee. Then email it to: envhealth@stratford-dc.gov.uk *Environmental Health, Elizabeth House, Church Street, Stratford Upon Avon, CV376HX*

Other documents you may need to submit

You will need to send us various other documents. The application form tells you which ones. It will be simplest for all concerned if you give a reference number for each document and record it on both this form and on the document itself. Please use any existing documents where you can and they are suitable.

Using continuation sheets

Feel free to use a continuation sheet, but you need to clearly identify where you have done so.

Copies - *not relevant for e-applications*

If you are submitting a paper application, please send the original and 1 copy of the form and all other supporting material, for consultation purposes.

LAPPC application form: to be completed by the operator		
For Local Authority use		
Application reference	Officer reference	Date received

A The basics

A1 Name and address of the installation

TAPPEX THREAD INSERTS LTD

Masons Road, Stratford Upon Avon

Postcode CV37 9NT

Telephone 01789 602214

A2 Details of any existing environmental permit or consent *(for waste operations, please include planning permission for the site, including established use certificates, a certificate of lawful existing use, or why the General Permitted Development Order)*

Reference no.	Issuing regulator	Type of permit
None		

A3 Operator details (*The 'operator' = the person who it is proposed will have control over the installation in accordance with the permit (if granted).*)

Name. Tappex Thread Inserts Ltd Trading name, if different
Registered office address As above Principal office address, if different
Company registration number 575166

A4 Any holding company?

Is the operator a subsidiary of a holding company within the meaning of section 1159 of the Companies Act 2006? If "yes" please fill in details of the ultimate holding company.

No Yes

Name Tappex Group Trading name, if different
Registered office address As above Principal office address, if different
Company registration number 575166

A5 Who can we contact about your application?

Name + position. Andy Wherton, Group Quality & Environmental Manager

Tel 01789 206614

Email andy.wherton@tappex.co.uk

B The installation

What activities are or will be carried on at the installation? Please include "directly associated activities" – this term is explained in Annex III in Part B of the [general guidance manual](#)

Main activities	Section in Schedule 1 to the EP Regulations
Sealed unit Wash machines	Activity 4. Surface cleaning

Directly-associated activities (including waste operations)	Schedule 1 references (if any)
Controlled Waste Collection & Disposal	

B2 Why is the application being made?

- new installation
- change to existing installation means it now needs a permit

B3 Site maps

Please provide:-

- A location map showing with a red line round the boundary of the installation
- A site plan or plans showing where all the relevant activities are on site, including storage areas, emission/discharge points, and any directly associated waste operations

Doc reference Site Plan attached_____

C The details

C1 How will the installation operate?

Doc reference: See attached document

C2 Emissions, techniques and monitoring?

What pollutants (including odour) and how much are expected to be emitted into the atmosphere? Please say which stage of the process each emission will come from and also whether from a particular chimney, vent or other source (fugitive). Please include emissions during starting and shutting down the plant, and from possible breakdowns or accidents identified by a risk assessment. *(Using process flow diagrams may help to simplify this.)*

What techniques will be used to minimise each emission in line with BAT? What monitoring has been undertaken (give results) and what monitoring is proposed?

Doc Reference: As above _____

C3 Environmental management?

What environmental management procedures and policy will you deploy?

Doc Reference: ISO 14001:2015

C4 Impact on the environment?

a) what are the potential significant local environmental effects (including nuisance) of the foreseeable emissions?

b) are there any sites of special scientific interest (SSSIs) or European protected sites nearer than any of the following distances to the proposed installation:

- 2km - where the installation includes Part B combustion, incineration (not cremation), iron and steel, or non-ferrous metal activities
- 1km - where the installation involves mineral or cement and lime activities
- ½ km - in all other cases?

No Yes

c) if "yes", is the installation likely to have a significant effect on these sites and, if so, what are the implications for the purposes of the Conservation (Natural Habitats etc) Regulations 1994 (see appendix 2 of Annex XVII of the [general guidance manual](#))

d) has an environmental impact assessment been carried out for the installation under planning legislation or for any other purpose. If so, please provide a copy

Doc Reference: Not applicable

D Anything else?

Please tell us anything else you would like us to take account of.

Doc Reference _____

E Application fee

You must enclose the [relevant fee](#) with your application. If your application is successful you will also have to pay an annual subsistence charge, so please say who you want invoices to be sent to.

accounts@tappex.co.uk

F Protection of information

F1 Any confidential or national security info in your application?

If there is any information in your application you think should be kept off the public register for confidentiality or national security reasons, please say what and why. [General guidance manual](#) chapter 8 advises on what may be excluded. *(Don't include any national security information in your application. Send it, plus the omitted information, to the Secretary of State or Welsh Ministers who will decide what, if anything, can be made public.)*

Doc Reference N/A_____

F2 Please note: data protection

The information you give will be used by the Council to process your application. It will be placed on the relevant public register and used to monitor compliance with the permit conditions. We may also use and or disclose any of the information you give us in order to:

- consult with the public, public bodies and other organisations,
- carry out statistical analysis, research and development on environmental issues,
- provide public register information to enquirers,
- make sure you keep to the conditions of your permit and deal with any matters relating to your permit
- investigate possible breaches of environmental law and take any resulting action,
- prevent breaches of environmental law,
- offer you documents or services relating to environmental matters,
- respond to requests for information under the Freedom of Information Act 2000 and the Environmental Information Regulations 2004 (if the Data Protection Act allows)
- assess customer service satisfaction and improve our service.

We may pass on the information to agents/representatives who we ask to do any of these things on our behalf.

F3 Please note: it is an offence to provide false etc information

It is an offence under regulation 38 of the EP Regulations, for the purpose of obtaining a permit (for yourself or anyone else), to:

- make a false statement which you know to be false or misleading in a material particular,
- recklessly make a statement which is false or misleading in a material particular
- intentionally to make a false entry in any record required to be kept under any environmental permit condition
- with intent to deceive, to forge or use a document issued or required for any purpose under any environmental permit condition.

If you make a false statement

- we may prosecute you, and
- if you are convicted, you are liable to a fine or imprisonment (or both).

G Declarations A and B for signing, please

These declarations should be signed by the person listed in answer to question A3. Where more than one person is identified as the operator, all should sign. Where a company or other body corporate is the operator, an authorised person should sign and provide evidence of authority from the board.

Declaration A: I/We certify

EITHER- No offences have been committed in the previous five years which are relevant to my/our competence to operate this installation in accordance with the EP Regulations.

~~OR- The following offences have been committed in the previous five years which may be relevant to my/our competence to operating this installation in accordance with the regulations:~~

Signature *andy wherton* Name Andy Wherton

Position Group Quality & Environmental Manager Date 05/03/2024

Declaration B: I/We certify that the information in this application is correct. I/We apply for a permit in respect of the particulars described in this application (including the listed supporting documentation) I/we have supplied. *(Please note that each individual operator must sign the declaration themselves, even if an agent is acting on their behalf.)*

Signature *andy wherton* Name Andy Wherton

Position. Group Quality & Environmental Manager Date 05/03/2024

Period of Assessment Feb 2022 – August 2023.
 72 weeks x 5 days x 8 hrs = 2880 Hrs In process.
 Machine Distillation rate 116Kg / Hr.

I_1 - Purchased / Used Solvent = 4295 Kg
 O_8 - Waste sent to re-cycling = 463 Kg
 I_2 - Recovered solvent in process =
 116 Kg x 2880 Hrs = 334080 Kg

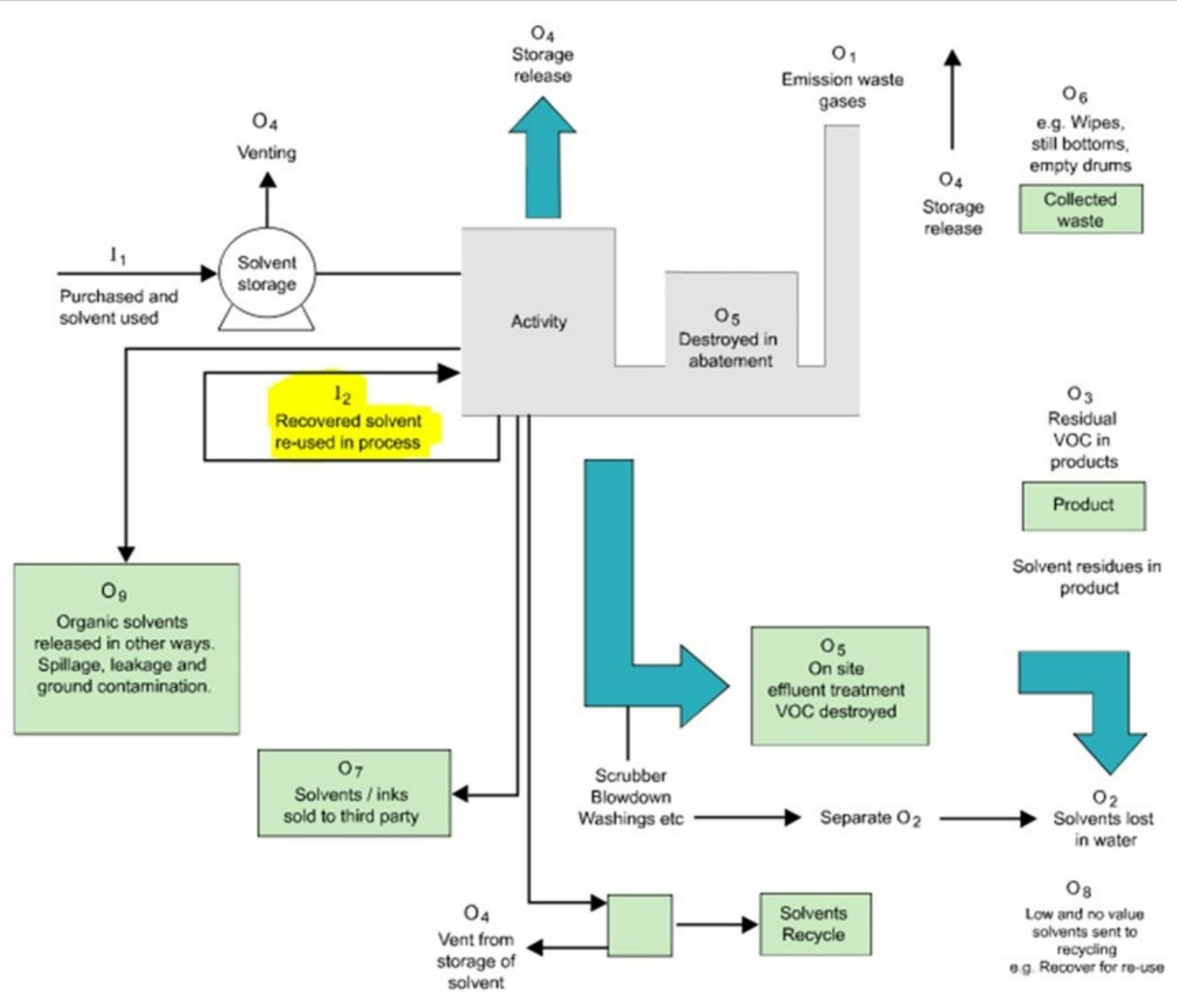
Consumption - $I_1 - O_8 = 4295 - 463 = 3832$ Kg

F Value - $I_1 - O_8 = 4295 - 463 = 3832$ Kg

Fugitive Emission Value.
 $\frac{3832}{4295 + 334080} \times 100 = 1.13\%$

Compiled by A. Wherton.
 Group Quality & Environmental Manager.

Date. 08/02/2024



Solvent Management Plan
 Consumption = $I_1 - O_8$
 Actual solvent emission = $I_1 - O_5 - O_6 - O_7 - O_8$
 Fugitive emission (F) = $I_1 - O_1 - O_5 - O_6 - O_7 - O_8$
 OR
 Fugitive emission (F) = $O_2 + O_3 + O_4 + O_9$

industrial emissions Directive - solvent emissions activities
 Fugitive emission value = $\frac{F}{I_1 + I_2} \times 100\%$
 Total emission = $O_1 +$ Fugitive emission (F)

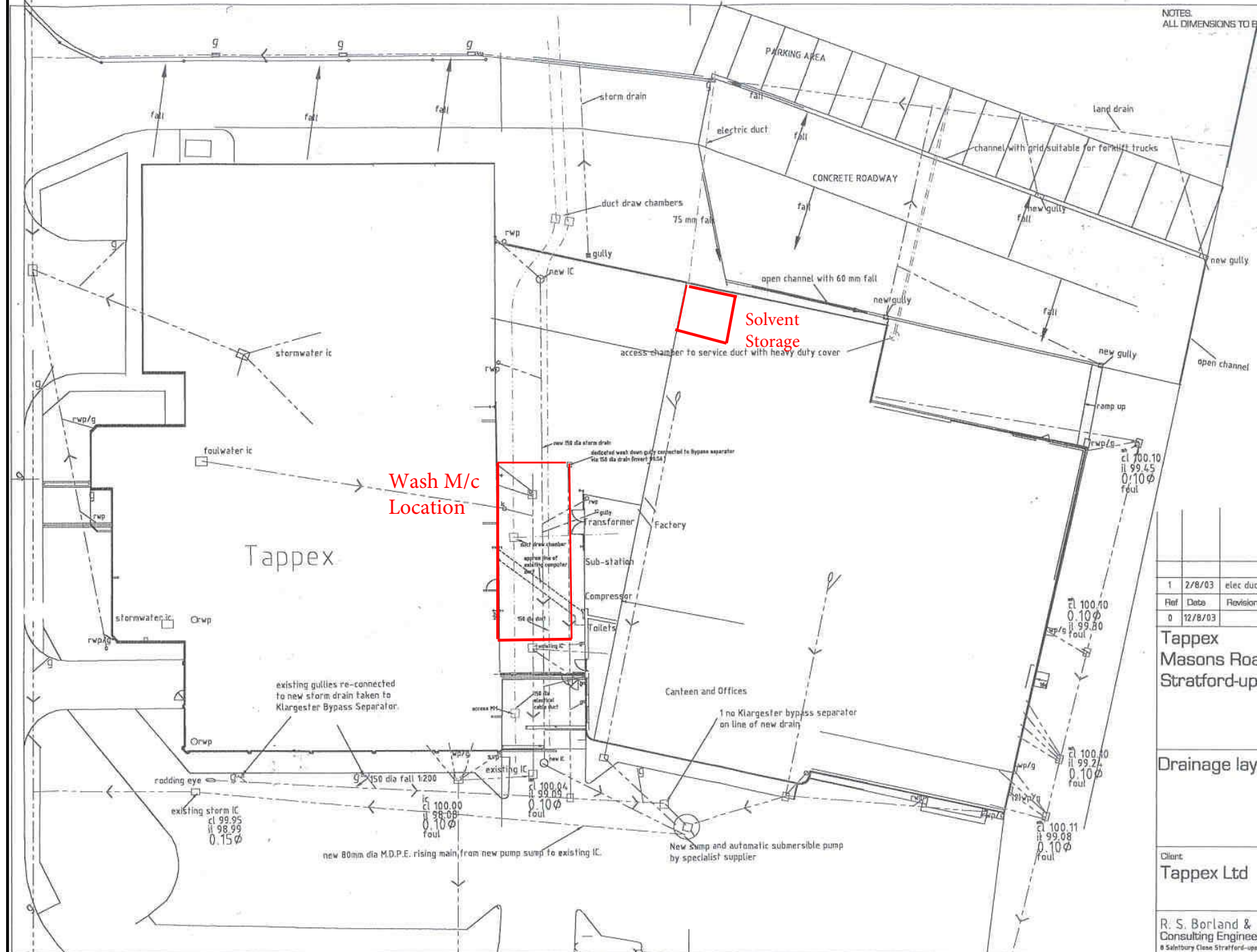
3. Totally sealed end loading plant

These units operate a virtually closed loop with re-use of nearly all organic solvent. Such units are usually equipped with a side entry/exit, together with protected load/unload zones. They are capable of cleaning components up to a 1.5 x 1.5 x 3.0m envelope.

They are designed to wash the parts first by immersion in liquid organic solvent and then by vapour cleaning. The organic solvent's cleaning power can be improved by tumbling, pulsed agitation, or ultrasound. These additional features are used to remove stubborn soluble/non-soluble particulate matter and swarf. When organic solvent washing is complete, the organic solvent drains away and additional organic solvent vapour enters the cleaning chamber. Vapour cleaning removes residual contaminated liquid. The vapour is then withdrawn from the cleaning chamber, condensed and returned to the bulk clean organic solvent. The contaminated liquid is passed through fine strainers to remove particulate matter before it is distilled and returned to the clean organic solvent tank.

SE Box 5 - Waste gas and fugitive emission limits and requirements (Article 59 and Annex VII, Parts 2 & 3)			
For all activities using the waste gas and fugitive emission limits and requirements			
Row	VOC in waste gases	Emission limits / requirement	Fugitive emission values
1	Surface cleaning activities: Solvent consumption 1 – 5 tonnes of designated hazard statement materials	VOC expressed as total mass of individual designated hazard statement materials	
	All waste gases	20 mg/Nm ³	15% of solvent input

NOTES:
ALL DIMENSIONS TO BE CHECKED ON SITE.



1	2/8/03	elec duct and flow arrows added
Ref	Date	Revision
0	12/8/03	

Tappex
Masons Road
Stratford-upon-Avon

Drainage layout

Drng no
2024/51

Scale
1/250

Client:
Tappex Ltd

R. S. Borland & Associates
Consulting Engineers
8 Salsbury Close Stratford-upon-Avon. Tel./Fax 0178932694/24