Telford & Wrekin COUNCIL

Pollution Prevention Control Act 1999

Environmental Permitting (England and Wales) Regulations 2016

Operator	**TSI Packing Ltd**
Installation Address	Unit 6 Halesfield 21 Telford TF7 4NX
Permit Reference	5121/280126
Grid Reference	SJ71202 050888
Registered Office	TSI Packing Ltd Unit 6 Halesfield 21 Telford TF7 4NX

TSI Packing Ltd is hereby permitted by Telford & Wrekin Council to carry out the following activities defined under Schedule 1, part 2, of The Environmental Permitting (England and Wales) Regulations 2016 ("The Regulations"):

Section 5.1, Part B (a)(v) - The incineration in a small waste incineration plant with an aggregate capacity of 50kg or more per hour of wood waste, with the exception of wood waste which may contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.

and

Section 6.6, Part B (a)(ii) - manufacturing products wholly or mainly of wood at any works if the activity involves a relevant activity and the throughput of the works in any 12-month period is likely to be more than 1,000 cubic metres.

and other directly associated activities as listed within the permit.

To carry out the activities within the installation boundary marked in red on the attached plan in Appendix 1 and in accordance with the conditions within this permit.

Signed: 

Name: Clair Travis **Date: 28 January 2026**

Environmental Health Officer

Authorised by the Borough of Telford and Wrekin to sign in that behalf

Status log	Relevant Dates
Date Permit First Issued	28/01/2026

Introductory Note – This Introductory note does not form part of the permit.

Determination of application

Conditions have been inserted as representing the authority's judgement of what constitutes BAT, having regard to the statutory guidance issued by the Secretary of State and to all site-specific considerations.

Description of the installation

Timber activity

The site manufactures bespoke packing, including wooden packing cases. The raw materials arrive on site as timber lengths and are subject to the following processes:

- Sawing
- Sanding
- Drilling
- Shaping
- Treatment using chemicals paint using a preservative (usually a simple fence paint).

The dust abatement plant (known as LEV) is situated outside. The location of the dust abatement is detailed in appendix 2.

Sawdust from the machinery is extracted via the enclosed extraction system to the external LEV which has 2 dust collection bins, filling the bags with the sawdust. The bags are kept within a 3-sided storage unit next to the LEV and then removed from site. The filtered air is vented to atmosphere. Off cuts from the timber activity are kept in skips to be used within the incinerators.

Incineration activity

There are three incinerators on site, 2 x Farm 2000 model BB144/3R units each with a stack to extract emissions to atmosphere. The heat is collected and used on site, either to power the boiler and to provide space heating. The stacks are known as A1 and B2. The units are sited within a plant room, and their location can be found within appendix 2.

The third is a Talbotts T500 incinerator which is located within the warehouse of the installation. Its location can be found in Appendix 2, and the stack number is C3. All emissions from the incinerators are unabated.

All three incinerators are manually fed with offcuts from the timber activity (waste) and certified logs purchased from an external source. They are usually filled once per day.

The aggregate thermal input is 130 Kg/hr. This is broken down as follows: The Farm 2000 units have a capacity of 43 Kg/hr each and the Talbott T500 has a capacity of 44 Kg/hr.

Fees

This permit is for two regulated activities. The conditions for each permit have been consolidated into one document.

Under the fees and charges scheme 2017, the activities are defined as a 'combined activity' and therefore a single fee for a 'full subsistence fee permit' is applied annually

End of Introductory Note

Permit Conditions

General

1. The best available techniques shall be used to prevent, or where that is not practicable, reduce the emissions from the installation in relation to any aspect of the activity which is not specifically regulated by any condition of this permit.

2. An appropriate person (and deputy) shall be appointed as the primary point of contact with the regulator. The regulator shall be informed in writing of the appointed person (and deputy). In the event of a different person being appointed, the regulator shall be informed without delay.

3. A copy of this permit shall be kept at the installation. All relevant staff shall be made aware of its content and shall be told where it is kept.

4. If the operator proposes to make a change in the operation of the installation, they must, at least 14 days before making the change, notify the regulator on the appropriate form. The notification must contain a description of the proposed change in operation. A 'change in operation' means a change in the nature or functioning, or an extension, of the installation, which may have consequences for the environment.

5. All records required to demonstrate compliance with any conditions of this Permit shall be kept in an organised manner. The records shall be kept electronically or in paper form. Records:
   a) Must be legible and any amendment entered into a record shall be made in such a way as to leave the original clear and legible.
   b) Records shall be kept for a period of 6 years, unless otherwise stated.
   c) Records shall be kept on-site for a minimum of 12 months. Records kept off-site, must be made available within 7 days of any request by the regulator.

6. All documentation required to be submitted to the regulator to demonstrate compliance with relevant conditions, shall be submitted in an electronic format. Submissions shall be sent to: environmentalprotectionteam@telford.gov.uk

Permitted activities

7. The operator is only permitted to operate an installation for the regulated activities listed within Table 1 below.

Table 1 – Regulated activities		
Activity listed in Schedule 1 of the EP Regulations	**Description of specified activity**	**Limits of specified activity**
Section 6.6, Part B (a)(ii)	The manufacture of furniture using wood and wood-based products with a throughput of more than 1000m^3	receipt of raw materials to the sawing, drilling, sanding, shaping, turning, and planing of wood and wood-based products
Section 5.1, Part B (a)(v)	The incineration of wood waste with the exception of wood waste which may contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings	The incineration of clean waste wood off-cuts, shavings and dust, produced from the permitted activities on site within 3 incinerators. 2 x Farm 2000 at 43 Kg each, and 1 x T500 at 44Kg.
Directly associated activities		
Description	**Limits of the activity**	
Dust extraction, abatement and collection	The extraction of sawdust and wood shavings to the dust abatement unit.	
Storage of materials	The storage of wood-based off-cuts and shavings/wood dust, to be used as fuel within the incinerators.	
Residues	The storage and disposal of ash from the incineration of wood	

8. Permitted activities shall only be carried out using the plant detailed in the process description of this permit.

Management and operational controls

9. The installation shall be managed, operated and maintained in accordance with the Environmental Management System (EMS). The EMS shall, as a minimum, include the following:

a. Manufacturer's instructions.
b. Plant operation procedures.
c. Maintenance procedures and schedule.
d. Emissions monitoring.
e. Plant failures.
f. Incident and abnormal emissions procedures.
g. Ash storage and disposal procedures.
h. Record keeping.
i. Staff training.

10. The EMS shall be reviewed and updated:

a. Prior to the completion of a significant change within the installation.
b. Where any type of change is made to any plant and equipment listed within the process description of this permit
c. At least every 4 years in any other circumstance.

11. The regulator shall be informed of any changes to the EMS.

12. The permitted plant and equipment shall be operated in accordance with the manufacturer's operating manual. Where there is no manufacturer's operating manual, the operator shall develop written procedures, which must include procedures on how to deal with plant failures.

13. Only clean wood waste with a waste classification code of 03 01 05, which has been produced as a waste product from the site production process, shall be incinerated.

14. Any waste wood that has been classified as hazardous waste, or wood that is commonly known as Grade B, C & D waste wood, must not be incinerated.

15. All imported waste wood must be accompanied by the following written information:

a. The European Waste Classification Code.
b. Show that the wood is untreated.
c. Show that the wood has been kept separate from wood that might contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coatings.

16. The operator shall:

d. Store all wood fuel under cover to keep fuel dry.
e. Store and feed different waste wood types (for example, offcuts, briquettes, woodchips and dust) separately to improve control of combustion conditions.

17. Staff who operate the plant must be trained in accordance with the EMS and the manufacturer's instructions. A record of the training must be available to the regulator.

18. Only trained staff shall operate the plant.

19. The number of start-ups and shutdowns shall be minimised.

Ash storage and disposal

20. Ash shall be stored and disposed of in a way that prevents the escape of dusty waste.

Emissions

21. All emissions to air from the incinerator shall be emitted to the atmosphere via the stacks identified in appendix 2.

22. Emissions to air shall be free of odour beyond the installation boundary detailed in appendix 1, as perceived by the regulator.

23. The Operator shall monitor emissions in accordance with British Standard BS 2742:2009, from stack A1, B2 and C3, daily during start up and any occasion of re-fuelling the incinerators.

24. The emissions from stack A1, B2 and C3 shall not exceed the equivalent of Ringelmann Shade 1 as defined in British Standard BS 2742:2009.

25. Records of the monitoring required in condition 23, shall be kept for inspection by the regulator.

26. Emissions from the regulated activity must not cause or contribute to:

f. EU air quality limit values being exceeded.
g. The values within the objectives of the Air Quality Strategy for England, Scotland, Wales and Northern Ireland for sulphur dioxide, oxides of nitrogen and particulate matter (PM10 and PM2.5) being exceeded.

Abnormal events and notifications

27. The operator must restore compliance in the shortest possible time, in the event of any:

h. Non-compliance with any emission limit in condition 24.
i. Malfunctions and breakdown of the plant that leads to abnormal operating conditions/emission.
j. Complaints about odour or smoke.

28. To restore compliance, the operator must:

k. Notify the regulator within 24 hours of the abnormal event to agree the investigation procedure of the issue.
l. Undertake the agreed investigation.
m. Adjust the process or activity to minimise those emissions.
n. Promptly record the events and actions taken.
o. Submit to the regulator the report and updates as agreed.

29. If there are any proposed changes to the plant that could affect the emissions, the operator must inform the regulator, as soon as they are aware of the changes.

Maintenance

30. The operator shall clean flues and ductwork regularly to ensure that a build-up of material does not affect emissions and their dispersion.

31. The operator shall maintain all aspects of the process, including all plant, buildings and equipment, in line with manufacturers' recommendations. Where there are no manufacturers' recommendations, the operator shall develop their own maintenance procedures.

Record keeping

32. The operator must keep written records of:

a. All inspections, both by external bodies and internal employees.
b. Maintenance, including cleaning, maintenance undertaken by external contractors or internal personnel, and breakdowns.
c. Operating procedures, including associated training records training records.
d. Emission testing, periodic and/or operator assessments as well as details of any testing platforms.

Records shall be made available for inspection by the regulator.

Improvement plan

33. The environmental management system shall include the full British Standard 2742:2009 and the authorised smoke charts. This shall be completed no later than 1 month from the date of issue of the permit.

34. Relevant staff shall receive training to carry out the monitoring required in condition 23 and 24. This shall be completed no later than 1 month from the date of issue of the permit

35. The operator shall develop and have in place no later than 1 month from the date of issue of this permit, an EMS as required by condition 9.

Appendix 1. Location of Installation

Appendix 2 – Site map

End of Permit Conditions

This section does not form part of the permit but contains guidance relevant to it.

BAT (Best Available Techniques)

Article 3(10) of the Industrial Emissions Directive (IED) defines "best available techniques" as follows:

"*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 practicable, generally to reduce emissions and the impact on the environment as a whole*".

- "techniques" shall include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned,
- "available" techniques shall mean those developed on a scale which allows implementation in the relevant industrial sector , under economically and technically viable conditions, taking into consideration the costs and advantages, whether or not the techniques are used or produced inside the Member State in question, as long as they are reasonably accessible to the operator,
- "best" shall mean most effective in achieving a high general level of protection if the environment as a whole.

In determining the best available techniques, special consideration should be given to the items listed in Annex IV of the Directive.

Appeal procedure

The operator can appeal against regulatory action by the regulator to the Secretary of State for Environment, Food & Rural Affairs. Appeals must be made in accordance with Regulation 31 and sent to the Secretary of State for Environment Food and Rural Affairs. The appeal procedure guidance can be found at:
Environmental permit - Guidance on the Appeal procedure - GOV.UK

Please note:

An appeal will not suspend the effect of the conditions appealed against; the conditions must still be complied with.

Contact details for the Regulator

The Regulator is the Public Protection Team of Telford & Wrekin Council. They can be contacted at 01925 381 818. You may also contact them by email at any time. environmentalprotectionteam@telford.gov.uk

All correspondence to Telford & Wrekin Council relating to this information shall be addressed to: Public Protection Team, Telford and Wrekin Council, Darby House, Lawn Central, Telford, TF3 4JA.