

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Sunseeker International Limited
Sunseeker International Limited
Sunseeker International Shipyard
Coode Way
Portland
Dorset
DT5 1BL

Permit number

EPR/WP3200LA

Permit number EPR/WP3200LA

Introductory note

This introductory note does not form a part of the permit

This permit will allow the operator to operate:

- One small waste incineration plant that is also a Medium Combustion Plant
- The small waste incineration plant (SWIP) are listed as an installation activity in the EP Regulations Schedule 1, Part 2, Chapter 5, Section 5.1 Part B(a)(v). The plant incinerates clean waste wood with an individual unit capacity of 1 MW thermal input or greater, (~ 225 kg/hr of waste wood) but less than 3 tonnes per hour (~ 13.33 MW thermal input). Note: the relationship between wood input and thermal capacity is based on a calorific value of 16 KJ/kg and an 85% thermal efficiency, but actual values may be application specific.
- This plant is also Medium Combustion Plant and Schedule 25A of the EP Regulations apply.
- The details of the plant and associated limits and monitoring requirements are specified in Tables S1.1 and S3.1. Permitted wood types are detailed in Table S2.1.
- This permit does not include the storage of waste. The operator is intending to store up to 125 tonnes of waste wood at any one time prior to incineration in accordance with Environment Agency Regulatory Position Statement 213.

Sunseeker International Shipyard is operated by Sunseeker International Limited. The site is located at Coode Way in Portland, approximately centred on National Grid Reference (NGR) SY 68013 74296.

The facility comprises of one biomass boiler burning untreated waste wood chips with a thermal rated input of 1.1 MWth. The biomass boiler is fired with chipped off-cuts of wood from the yacht building operations undertaken at the site and other Sunseeker ship yards with a capacity of 250 kilograms per hour.

The operator is permitted to operate the biomass boiler for 8,760 hours per annum, but actual operating hours are expected to be 4,380 hours. The biomass boiler discharges directly to the atmosphere via a 15.5 metre high stack.

There are two European designated sites within 5km of the site, Chesil Beach and the Fleet (Ramsar, Special Area of Conservation, and Special Protection Area) and Isle of Portland to Studland Cliffs (Special Area of conservation). There are four designated SSSIs within 2km of the site, Portland Harbour Shore, Nicodemus Heights, Isle of Portland, Chesil and the Fleet.

The status log of the permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Application EPR/WP3200LA/A001	Duly made 25/09/2020	Bespoke application for MCP(s) and/or Specified Generators.
Permit determined EPR/WP3200LA (Billing ref. WP3200LA)	25/03/2021	Permit issued to Sunseeker International Limited.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/WP3200LA

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

Sunseeker International Limited (“the operator”),

whose registered office is

Sunseeker House

West Quay Road

Poole

Dorset

BH15 1JD

company registration number 00675320

to operate a plant that is both a small waste incineration plant and Medium Combustion Plant at:

Sunseeker International Limited

Sunseeker International Shipyard

Coode Way

Portland

Dorset

DT5 1BL

to the extent authorised by and subject to the conditions of this permit.

Name	Date
Samantha Haddock	25/03/2021

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, so far as is reasonably practicable, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
 - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

2 Operations

2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).

2.2 The site

- 2.2.1 No small waste incineration plant and MCP shall be operated beyond the grid reference specified for it in schedule 1, table S1.1.

2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Waste shall only be accepted for incineration if:
- (a) it is of a type and quantity listed in schedule 2 table S2.1; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.

3 Emissions and monitoring

3.1 Emissions to air

- 3.1.1 There shall be no point source emissions to air except from the sources and emission points listed in schedule 3 tables S3.1 and S3.2.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
 - (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
 - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.3.3 There must be no persistent emission of 'dark smoke' as defined in section 3(1) of the Clean Air Act 1993.

3.3 Odour

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
- 3.3.2 The operator shall:
 - (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;
 - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.4 Noise and vibration

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.
- 3.4.2 The operator shall:
 - (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
 - (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
- (a) point source emissions specified in tables S3.1 and S3.2.
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.2, S3.3 unless otherwise agreed in writing by the Environment Agency.
- 3.5.5 Monitoring shall not take place during periods of start up or shut down.
- 3.5.6 For the following activities referenced in schedule 1, table S1.1 A1 the first monitoring measurements shall be carried out within four months of the issue date of the permit or the date when the MCP is first put into operation, whichever is later.
- 3.5.7 The operator shall maintain records of all monitoring including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, test and surveys and any assessment or evaluation made on the basis of such data.

4 Information

4.1 Records

- 4.1.1 All records required to be made by this permit shall:
- (a) be legible;
 - (b) be made as soon as reasonably practicable;
 - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
 - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made.
- 4.1.2 The operator shall maintain convenient access, in either electronic or hard copy, to the records, plans and management system required to be maintained by this permit.
- 4.1.3 The operator shall maintain a record of the type and quantity of waste incinerated and the total annual hours of operation for each MCP.
- 4.1.4 The operator shall maintain a record of any events of non-compliance and the measures taken to ensure compliance is restored in the shortest possible time

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

- 4.2.2 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
 - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.2; and
 - (c) giving the information from such results as required by the forms specified in those tables.

4.3 Notifications

4.3.1 In the event:

- (a) of a breach of any of the permit conditions the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (b) of a breach of any of the permit conditions which causes a significant degradation of local air quality, the operator must immediately suspend the operation of the activities or the relevant part of them until compliance with the conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

- (c) any change in the operator's name or address; and
- (d) any steps taken with a view to the dissolution of the operator.

In any other case:

- (e) the death of any of the named operators (where the operator consists of more than one named individual);
- (f) any change in the operator's name(s) or address(es); and
- (g) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made “immediately”, in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities				
Activity reference and emission point	Activity listed in the EP Regulations	Description of MCP and/or specified generator	Fuel	Limits of activities
A1 NGR: SY 68013 74296	Schedules 1 Part 2 5.1 Part B (SWIP) and 25A (MCP)	1 x 1.1MWth boiler which is a small waste incineration plant	Untreated waste wood listed in Schedule 2	Not restricted

Table S1.2 Operating techniques for SWIP and MCP
<p>(a) Unless otherwise agreed in writing, the small waste incineration plant must comply with the requirements of Environmental Permitting Technical Note 5/1(18), Final Draft, dated 15/08/18 which will serve as statutory guidance under Regulation 65(1) of The Environmental Permitting Regulations 2016 once finalised.</p> <p>(b) Each MCP must be operated in accordance with the manufacturer’s instructions and records must be made and retained to demonstrate this.</p> <p>(c) The operator must keep periods of start-up and shut-down of each MCP as short as possible.</p>

Schedule 2 – Waste types

Table S2.1 Permitted waste types and quantities for the incineration of wood in a Sch1 Ch2 5.1 Part B and Medium Combustion Plant	
Maximum quantity	The total quantity of waste accepted at the site for the above activity shall be less than 2,190 tonnes a year.
Waste code	Description
02	Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 03	Plant tissue waste only
02 01 07	Waste from forestry, untreated wood only
03	Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard
03 01	wastes from wood processing and the production of panels and furniture
03 01 01	Waste bark and cork from the processing and production of panels and furniture (no chemical treatments)
03 01 05	Sawdust, shavings, cuttings and veneer other than those mentioned in 03 01 04 (no chemical treatments and only veneer that is fixed to the board).
03 03 01	Waste bark and wood from pulp, paper and cardboard production and processing (no chemical treatments)
15	Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified
15 01	packaging (including separately collected municipal packaging waste)
15 01 03	Wooden packaging (visibly clean wooden packaging including pallets, where no chemical treatments have been applied).
19	Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 07	Wood other than wood containing hazardous substances (19 12 06) from waste management facilities (sources segregated visibly clean waste wood such as pallets where no chemical treatments have been applied. The post segregation of mixed wood streams from civic amenity sites or skip hire operators is not permitted).

Schedule 3 – Emissions and monitoring

Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 NGR: SY 68013 74296	SWIP and MCP	Dark Smoke	No visible dark smoke	Daily when in operation	Daily when in operation	Ringlemann Chart Shade 1

Emission point as referred to in table S1.1	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method Note 1
A1 NGR: SY 68013 74296	SWIP and MCP	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	500 mg/Nm ³	Yearly	Annual extractive	MCERTS EA TGN M1+M2
		Carbon monoxide	225 mg/Nm ³	Yearly	Annual extractive	MCERTS EA TGN M1+M2
		Dust	50 mg/Nm ³	Yearly	Annual extractive	MCERTS EA TGN M1+M2
		TVOC	30 mg/Nm ³	Yearly	Annual extractive	MCERTS EA TGN M1+M2
		HCN	7.5 mg/Nm ³	Yearly	Annual extractive	MCERTS EA TGN M1+M2
		Formaldehyde	7.5 mg/Nm ³	Yearly	Annual extractive	MCERTS EA TGN M1+M2
<p>Note 1: Monitoring requirements are defined at a temperature of 273.15 K, a pressure of 101.3 kPa and after correction for the water vapour content of the waste gases at a standardised O₂ content of 6%.</p>						

Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to air Parameters as required by condition 3.5.1.	A1	Annually	1 January

Table S4.2 Reporting forms		
Media/parameter	Reporting format	Date of form
Air	Form air 1 or other form as agreed in writing by the Environment Agency	02/03/2021

Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment Agency 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(4) of that Act.

“EA TGN M1” means the ‘Environment Agency Technical Guidance Note M1: Sampling Requirements for stack emissions monitoring’, published on Gov.UK.

“EA TGN M2” means the ‘Environment Agency Technical Guidance Note M2: Monitoring of stack emissions to air, published on Gov.UK.

“emissions of substances not controlled by emission limits” means emissions of substances to air, from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission or background concentration limit.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations. As amended by the Environmental Permitting (England and Wales) (Amendment) Regulations 2018 SI 2018 No. 110

“First put into operation” means when fuel is first combusted in the MCP.

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

“Medium Combustion Plant” or “MCP” means a combustion plant with a rated thermal input equal to or greater than 1 MW but less than 50 MW.

“Medium Combustion Plant Directive” or “MCPD” means Directive 2015/2193/EU of the European Parliament and of the Council on the limitation of emissions of certain pollutants into the air from medium combustion plants, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“Operating hours” means the time, expressed in hours, during which a combustion plant is operating and discharging emissions into the air, excluding start-up and shut-down periods.

“Small Waste Incineration Plant” or “SWIP” means plant listed as an installation activity in the EP Regulations Schedule 1, Part 2, Chapter 5, Section 5.1 Part B(a)(v). The plant incinerates clean waste wood with an individual unit capacity of 1 MW thermal input or greater, (~ 225 kg/hr of waste wood) but less than 3 tonnes per hour (~ 13.33 MW thermal input). Note: the relationship between wood input and thermal capacity is based on a calorific value of 16 KJ/kg and an 85% thermal efficiency, but actual values may be application specific.

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“year” means calendar year ending 31 December.

When the following terms appear in the waste code list in Schedule 2, table S2.1, for that table they have the meaning given below:

“hazardous substance” means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008.

Schedule 7 – Site plan

No site plan is required under this schedule.

Schedule 8 – Annex 1 of MCP

1. Rated thermal input (MW) of the medium combustion plant.	1.1
2. Type of the medium combustion plant (diesel engine, gas turbine, dual fuel engine, other engine or other medium combustion plant).	Boiler
3. Type and share of fuels used according to the fuel categories laid down in Annex II.	Biomass
4. Date of the start of the operation of the medium combustion plant or, where the exact date of the start of the operation is unknown, proof of the fact that the operation started before 20 December 2018.	Operations commenced 21/10/2020 under RPS 244
5. Sector of activity of the medium combustion plant or the facility in which it is applied (NACE code).	C30.1.2
6. Expected number of annual operating hours of the medium combustion plant and average load in use.	Up to 8,760 hours per annum at full load (net rated thermal input 1.1MW)
7. Where the option of exemption under Article 6(3) or Article 6(8) is used, a declaration signed by the operator that the medium combustion plant will not be operated more than the number of hours referred to in those paragraphs.	N/A
8. Name and registered office of the operator and, in the case of stationary medium combustion plants, the address where the plant is located.	Operator: Sunseeker International Limited Sunseeker International Shipyard Coode Way Portland Dorset DT5 1BL

END OF PERMIT