

LEWES DISTRICT COUNCIL

The Environmental Permitting (England and Wales) Regulations
2016 Schedule 5, Paragraph 4

Further Information Notice

To: Medipower Ltd

**Registered Office: Clean Thermo Dynamic, New Road, E Plan Industrial Estate,
Newhaven, BN9 0EX**

**Installation Address: Shed 4A, Newhaven Port, East Quay, Newhaven, East
Sussex, BN9 0BN**

Lewes District Council ("the Council"), in the exercise of the powers conferred upon it by paragraph 4 of Schedule 5 of the Environmental Permitting (England and Wales) Regulations 2016 ("the 2016 Regulations") hereby requires you-

- (a) to furnish the Council at the address set out below the information specified in the Schedule attached to this Notice ("the Schedule"), being information which the Council requires for the purpose of determining your application dated 3rd November 2017.
- (b) to furnish that information in writing / in electronic format;
- (c) to furnish that information by the date specified in the Schedule attached to this Notice.

Environmental Health
Lewes District Council
Southover House
Southover Road
Lewes
East Sussex, BN7 1AB

Signed

Authorised to sign on behalf of Lewes District Council

Dated

13th April 2018

SCHEDULE

INFORMATION TO BE SUPPLIED TO THE COUNCIL In respect of the small waste incineration plant process to be operated at the installation address Shed 4A, Newhaven Port, East Quay, Newhaven, East Sussex, BN9 0BN	FORMAT OF THE SUBMISSION	DEADLINE FOR THE SUBMISSION
<p>Provide a definitive list of all waste codes to be accepted and incinerated in accordance with the full provisions and requirements of Article 44 and 45 of Chapter IV of the Industrial Emissions Directive.</p> <p>Waste codes applied for on the original application.</p> <p>180101 sharps</p> <p>180102 Body parts and organs</p> <p>180104 Waste whose collection and disposal is not subject to special requirements in order to prevent infection. Dressings, linen, disposable clothing, nappies.</p> <p>180109 Medicines Pharmaceuticals/drugs in blue or yellow lidded bins.</p> <p>180203 Waste whose collection and disposal is not subject to special requirements in order to prevent infection.</p> <p>200199 Municipal waste medical non-infectious wastes.</p> <p>An error was made on the codes applied for and we are requesting that the following codes are removed from the application. 180101, 180102, 180203 it was understood at the time of application that these codes were needed to cover any autoclaved waste received but it is now known that this is not the case.</p> <p>The waste codes we are now applying for are as follows:</p> <p>180104 Waste whose collection and disposal is not subject to special requirements in order to prevent infection. Dressings, linen, disposable clothing, nappies.</p> <p>180109 Medicines Pharmaceuticals/drugs in blue or yellow lidded bins.</p> <p>190203 Wastes from physio/chemical treatments of waste (including dechromatation, decyanidation, neutralisation) – premixed</p>	Email or hardcopy	7 th May 2018

<p>wastes composed only of non-hazardous waste.</p> <p>200199 Municipal waste (household waste, similar commercial, industrial and institutional waste)</p> <p>As per the statement above it is now known that the waste code needed for autoclaved waste is 190203.</p> <p>Include details of how the wastes listed above will be presented to the combustion chamber such that full combustion is achieved.</p> <p>Waste will be delivered directly into the tipping top loader and will be transferred via a conveyor system to a sealed shredder; and fed into the double purge quarantine chamber. Waste size is important for efficient combustion, the waste will then drop into 3 stages of quarantine until it reaches the gasification area, this process will feed the gasifier which will be constantly burning.</p> <p>Once the waste has reached the quarantine chamber it will be fed into a butterfly guillotine valve. The valve opens and the conveyor charges 0.15m³ of waste into a controlled hopper. The butterfly guillotine valve closes, quarantining the waste in the first hopper which is continuously purged of any escaped gases in order to avoid accidental combustion. The purged gas is fed into the main chamber using an inline non return safety shut off valve. The Quarantined hopper waste then drops into another quarantine area with a double flap valve, which is once again continuously purged of exhaust gas.</p> <p>With the butterfly guillotine and top flap valve closed waste is safely dropped into the pre combustion chamber ready to start ram feeding onto the gasification grate. The Initial flap valve with double quarantine and non return purging valves prevents any heat escaping from the combustion chamber. The waste is fed on to the fluidised bed by the movement of 2 rams acting independently of each other. The 2 rams design will ensure a fine fuel control needed for</p>		
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<p>global heat load control, the thermal treatment is then achieved in 4 steps as follows:</p> <ol style="list-style-type: none"> 1- Gasification, 2 - Partial combustion, 3 - Total combustion, 4 - Ash final combustion. <p>In order to achieve gasification control the CTEC system will be using flue gas recirculation in the primary chamber. The secondary combustion chamber is EGR mixed with air to control fuel residence time. The flue gas recirculation is fed into the first two boxes under the fluidised bed. The third box is fed with EGR and air only so as to ensure complete combustion for the remaining carbon to ash. More detail can be found in documents (Ctec001 Rev2 and Ctec002 Rev3).</p>		
<p>Provide full details of how waste for incineration will be provided to the facility and how source and supplier will be determined and recorded.</p> <p>All waste will be supplied by Medisort limited a licensed medical waste company with fully traceable waste streams, non-hazardous medical waste will be delivered to site on a Lorry carrying a 35 cubic yard compactor bin on a daily basis, there will be 1 delivery per day of non hazardous flock waste and on Mondays and Thursdays only there will be a second delivery of nappies carried in a 50 cubic yard hook lift skip, the waste will be mechanically tipped directly into a hopper/conveyer system which will feed the system continuously; the waste will be conveyed to a sealed shredder before going into the combustion chamber. No waste will be accepted without a waste transfer note containing the correct waste codes, all details of waste will be recorded digitally and stored, all IBA and APC waste will be recorded and collected by a registered waste management company (CSG waste management) and will be fully traceable. More detail can be found in documents (Ctec001 Rev2 and Ctec002 Rev3).</p>	<p>Email or hardcopy</p>	

We certify this is a true statement of why changes in waste codes and descriptions are required and are therefore different as originally stated in the application document.

Signed



Signed



Dated

26th April 2018

Dated

26th April 2018

Signed



Authorised to sign on behalf of Lewes District Council

Dated

13th April 2018

The Regulator Contact Details

Environmental Health
Lewes District Council
Southover House
Southover Road
Lewes
East Sussex, BN7 1AB

Contact Name: Environmental Health Dept

Tel: 01273 471600

www.lewes-eastbourne.gov.uk

Email: Ehealth ldc@lewes-eastbourne.gov.uk

Guidance for operators receiving a Further Information Notice

(This guidance does not form part of the Further Information Notice, but it is for the guidance of those served with the notice. More guidance can be found in the EP General Guidance Manual at <http://www.defra.gov.uk/environment/quality/pollution/ppc/localauth/pubs/guidance/manuals.htm>.)

Dealing with a Further Information Notice

The Council has accepted your application for a EP permit as duly-made, but considers it requires further information in order to determine the application.

The [legal person/individual] named in this Notice is required to supply the information detailed in the Notice or attached Schedule within the timescale specified.

Confidentiality

An applicant may request certain information to remain confidential, ie not be placed on the public register. The applicant must request the exclusion from the public register of confidential information at the time of supply of the information requested by this notice or any other notice. The applicant should provide clear justification for each item wishing to be kept from the register. The onus is on the applicant to provide a clear justification for each item to be kept from the register.

The test of whether information is confidential for the purposes of being withheld from the public register is complex and is explained, together with the procedures, in chapter 8 of the EP General Guidance Manual.

National security

Information may be excluded from the public register on the grounds of national security. If it is considered that the inclusion of information on a public register is contrary to the interests of national security, the applicant may apply to the Secretary of State/Welsh Ministers, specifying the information and indicating the apparent nature of risk to national security. The applicant must inform the local authority of such an application, who will not include the information on the public register until the Secretary of State/Welsh Ministers has decided the matter.

Failure to comply, and appeals

If an applicant fails to provide the information specified in a Further Information Notice by the deadline given, the local authority may serve a further notice on the applicant stating that the application is deemed to be withdrawn. The applicant is not entitled to the return of his/her application fee in such cases.

The applicant has 15 working days from the date the notice of deemed withdrawal is served within which to appeal under regulation 31(2)(d) against the deemed withdrawal.

