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E: info@epa.ie  
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LoCall: 1890 33 55 99

10 November, 2016

W0277-02

Dear Company Secretary,

In accordance with Article 18(1) of the Waste Management (Licensing) Regulations, I am to inform you of the receipt on 8 November, 2016, of documentation relating to a waste licence review application from Roadstone Limited in relation to a facility/premises located at Huntstown Inert Waste Recovery Facility Huntstown Quarry, Finglas, Dublin 11. This application has been assigned register number W0277-02. Further details in relation to the application are supplied on the accompanying attachment.

In accordance with Article 18(3) of the above Regulations, a copy of the Environmental Impact Statement (EIS) submitted with this application and is available for viewing on the Agencies website – [www.epa.ie](http://www.epa.ie).

I am to advise you that any person may make a submission to the Agency, in writing, in respect of the review, pursuant to Article 15 of the Regulations, which provides as follows:

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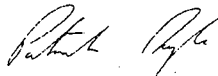


The Agency will have regard to any submission made in accordance with the Regulations and will write, in due course, to each person who makes such a submission, to advise them of the Agency's proposed decision on the review.

In accordance with Article 22(1)(b) of the review in due course.

**If you have no comments to make in relation to this application, there is no requirement for you to reply to this letter.**

Yours sincerely,



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Patrick Doyle  
Programme Officer  
Environmental Licensing Programme  
Office of Environmental Sustainability



An Ghníomhaireacht um Chaomhnú Comhshaoil

## Waste Management Licensing

Details of Review Application, in accordance with Article 18(2) of the Waste Management (Licensing) Regulations, as of 10 November 2016.

**Application Reference/ Register No.:** W0277-02

**Applicant Name/ Address:**

Roadstone Limited  
Fortunestown  
Tallaght  
Dublin 24

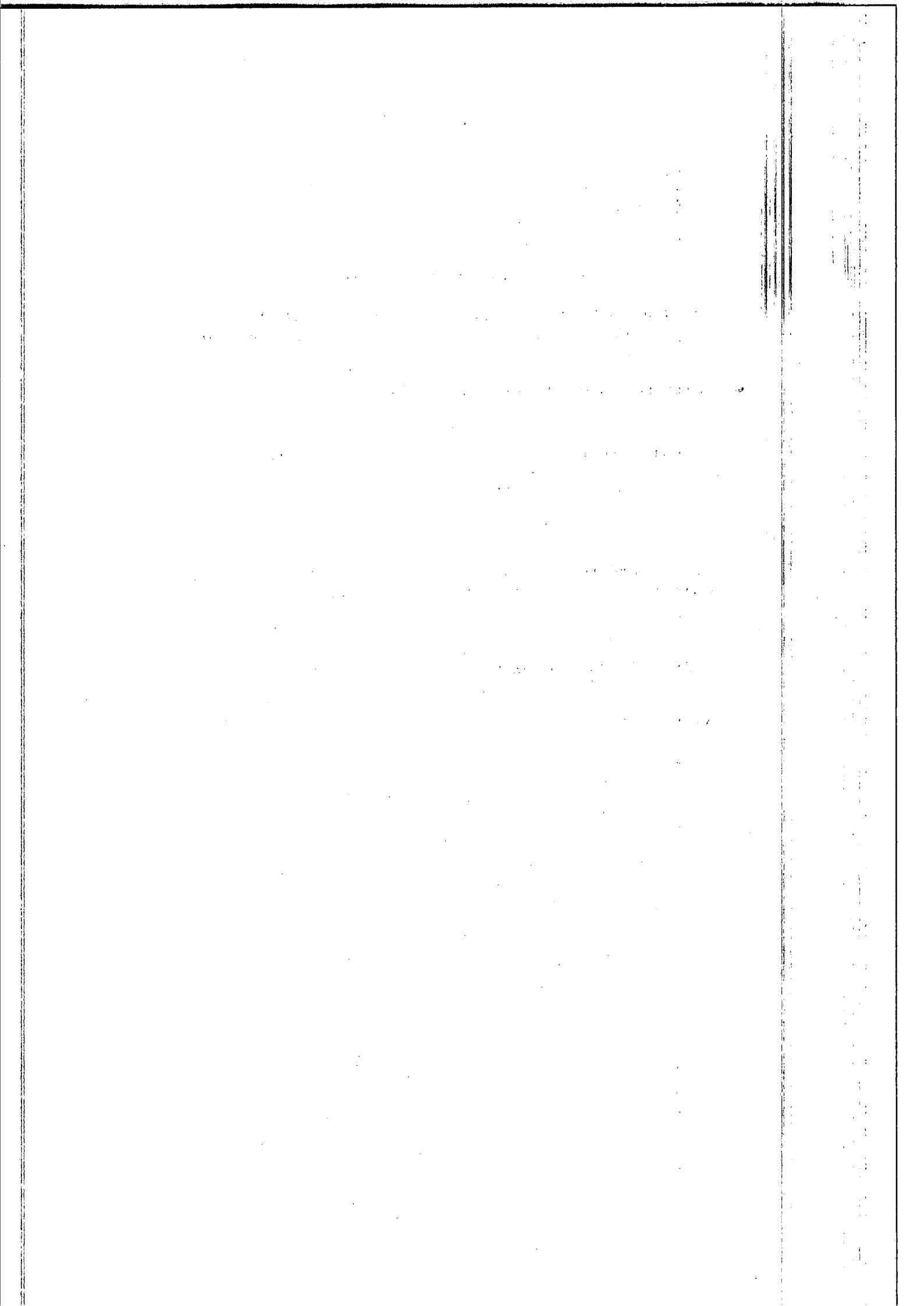
**Name & Location of Facility/ Premises concerned:**

Huntstown Inert Waste Recovery  
Facility, Huntstown Quarry, Finglas,  
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**National grid reference of facility/ Premises**

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*Note:* The class or classes of activity concerned in this application are detailed on the reverse.

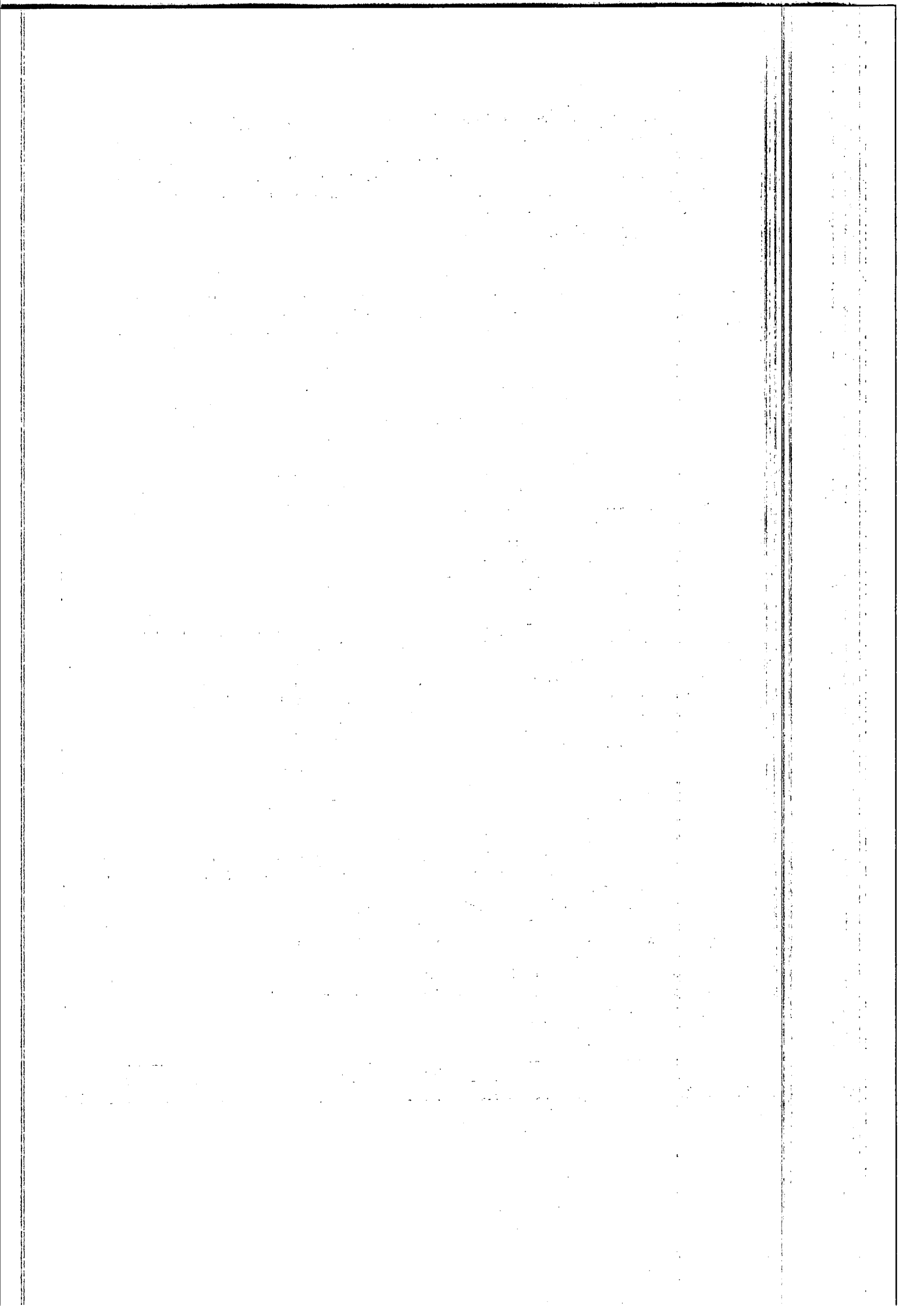


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*Fourth Schedule Classes: R3, R5, R13*

The applicant has specified the following as the principal activity: R.5/

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<i>Waste Disposal Activities</i>
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using the following formula, applied in accordance with the reference document on Best Available Techniques for Waste Incineration:

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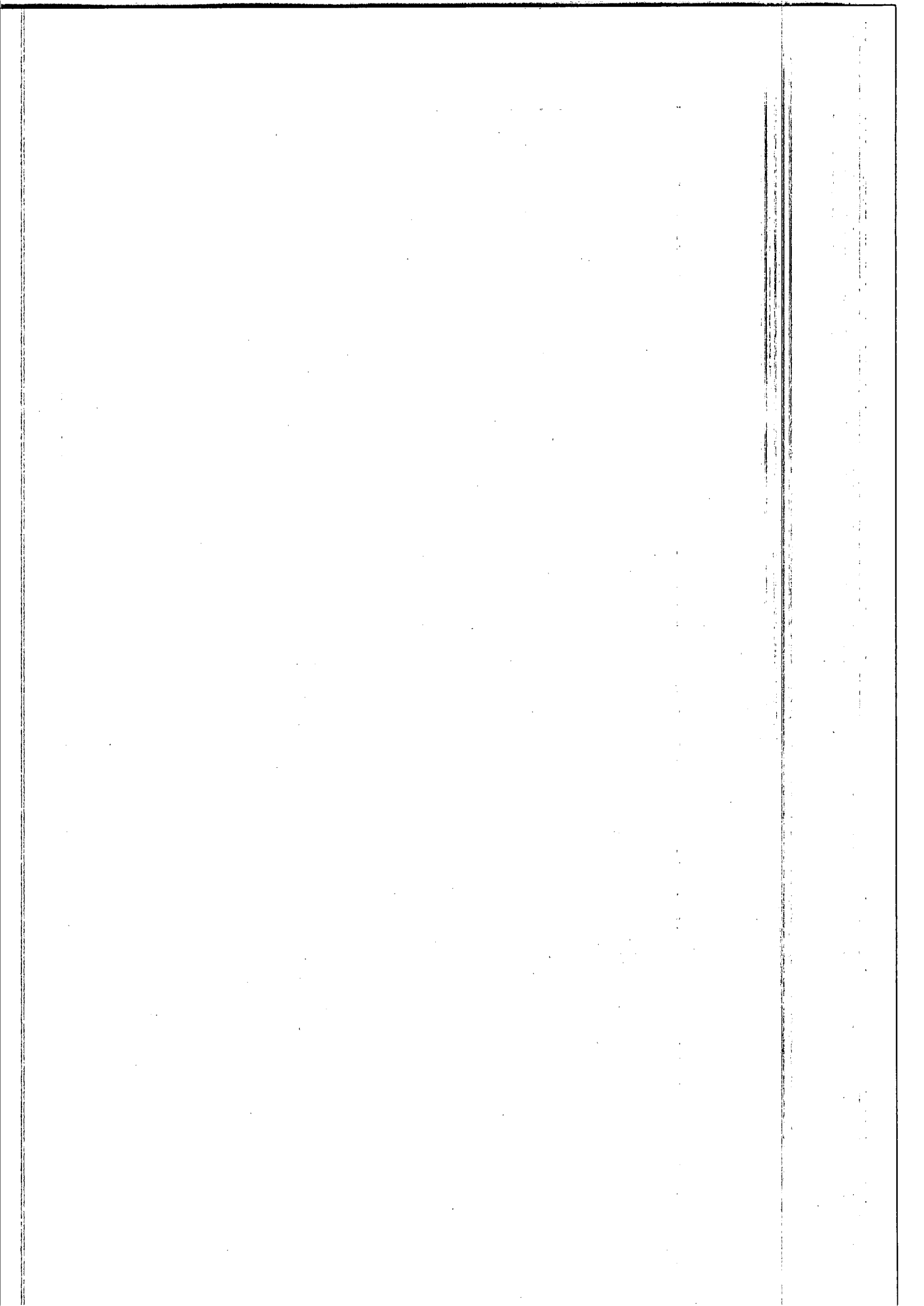
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Environmental Protection Agency  
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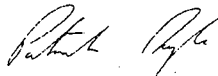


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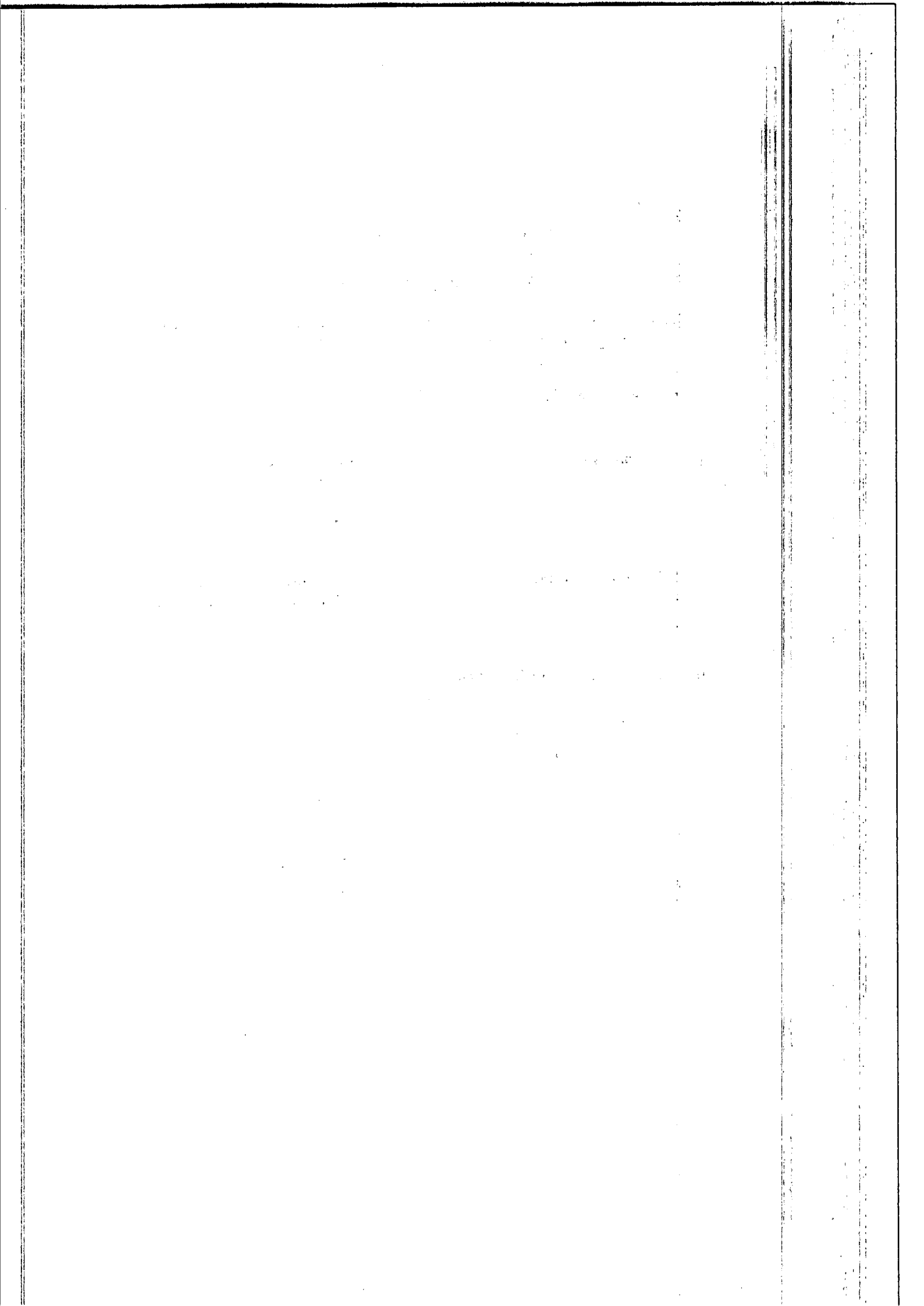
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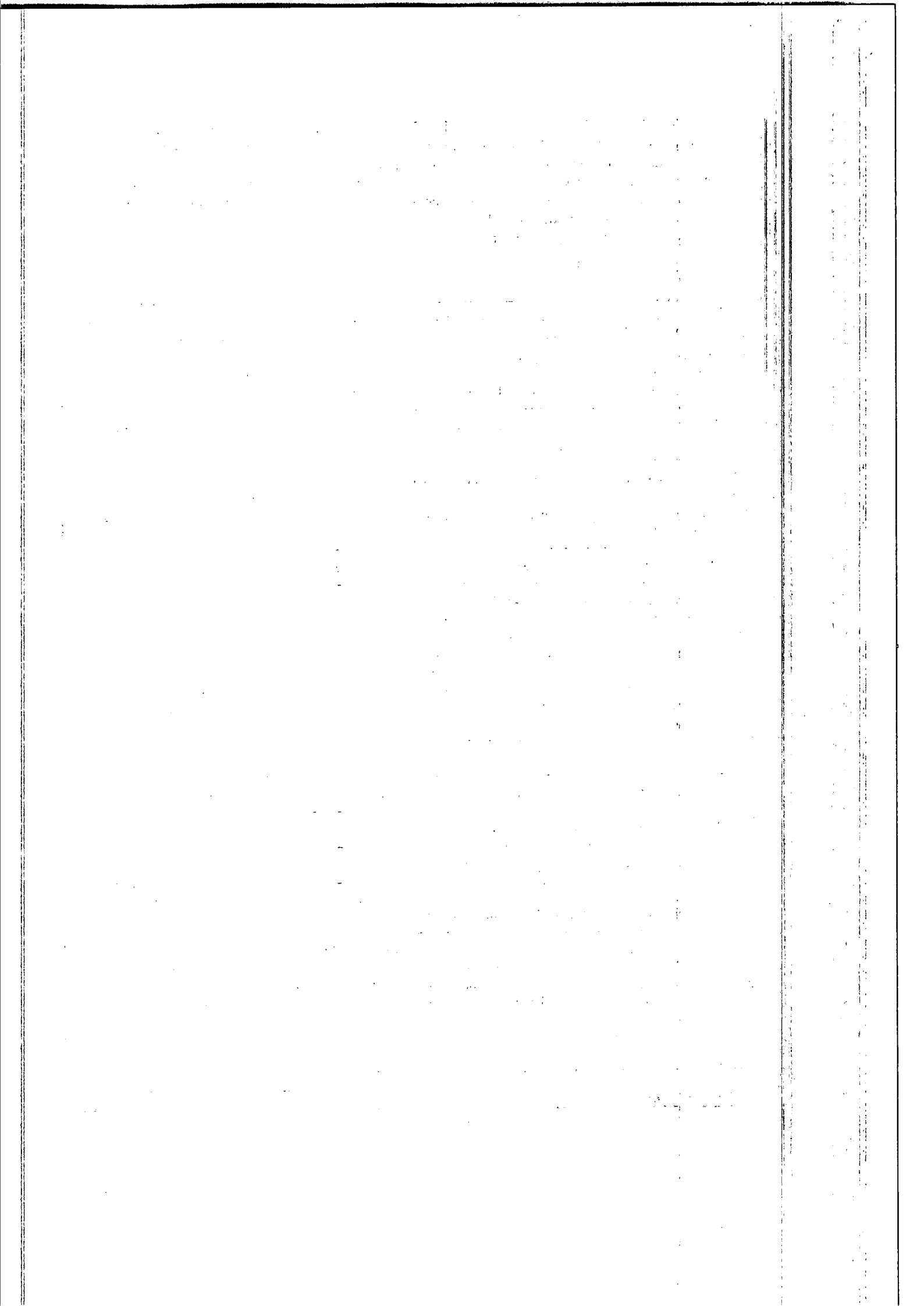


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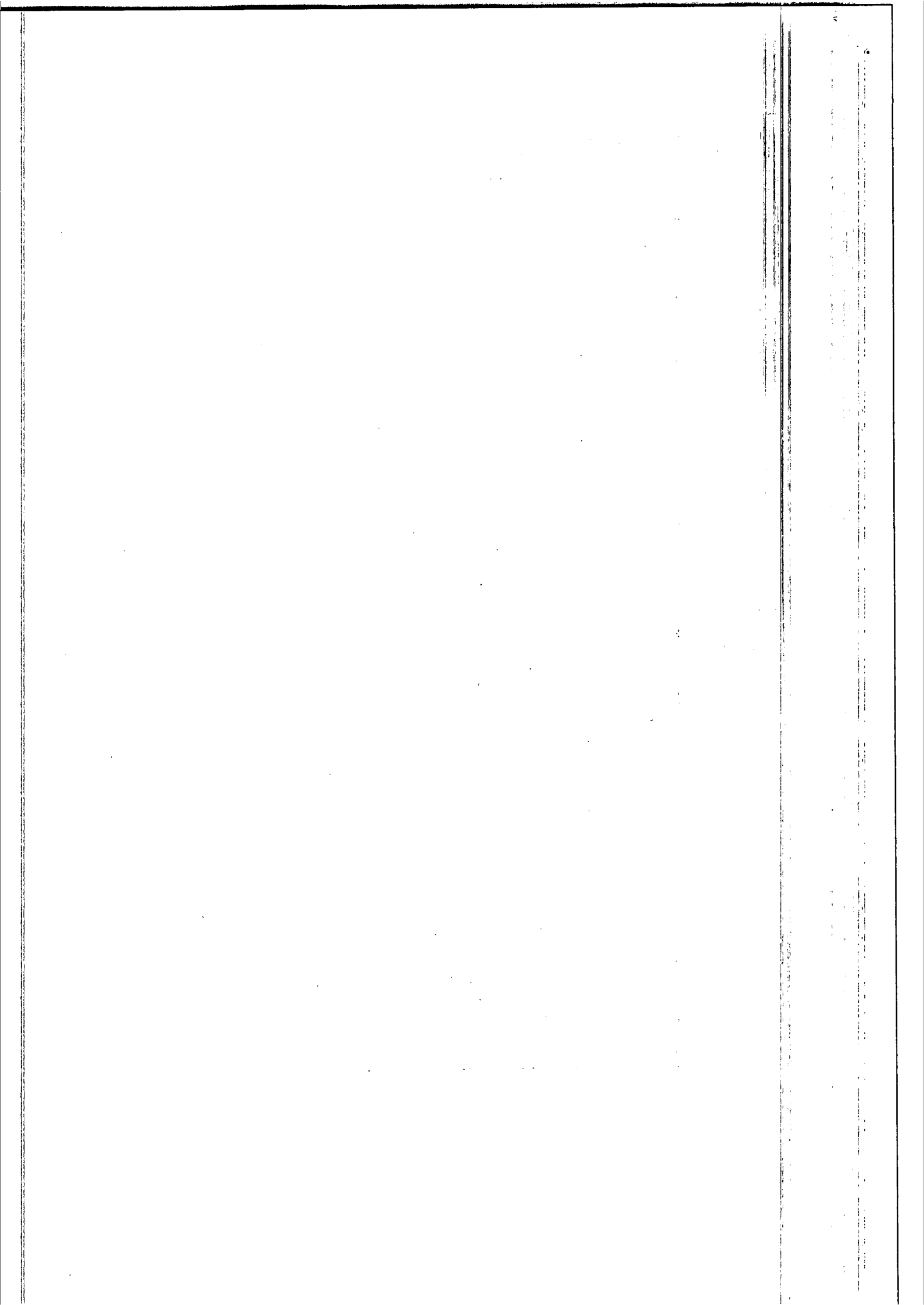
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Director of Services,  
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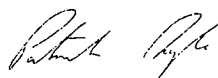
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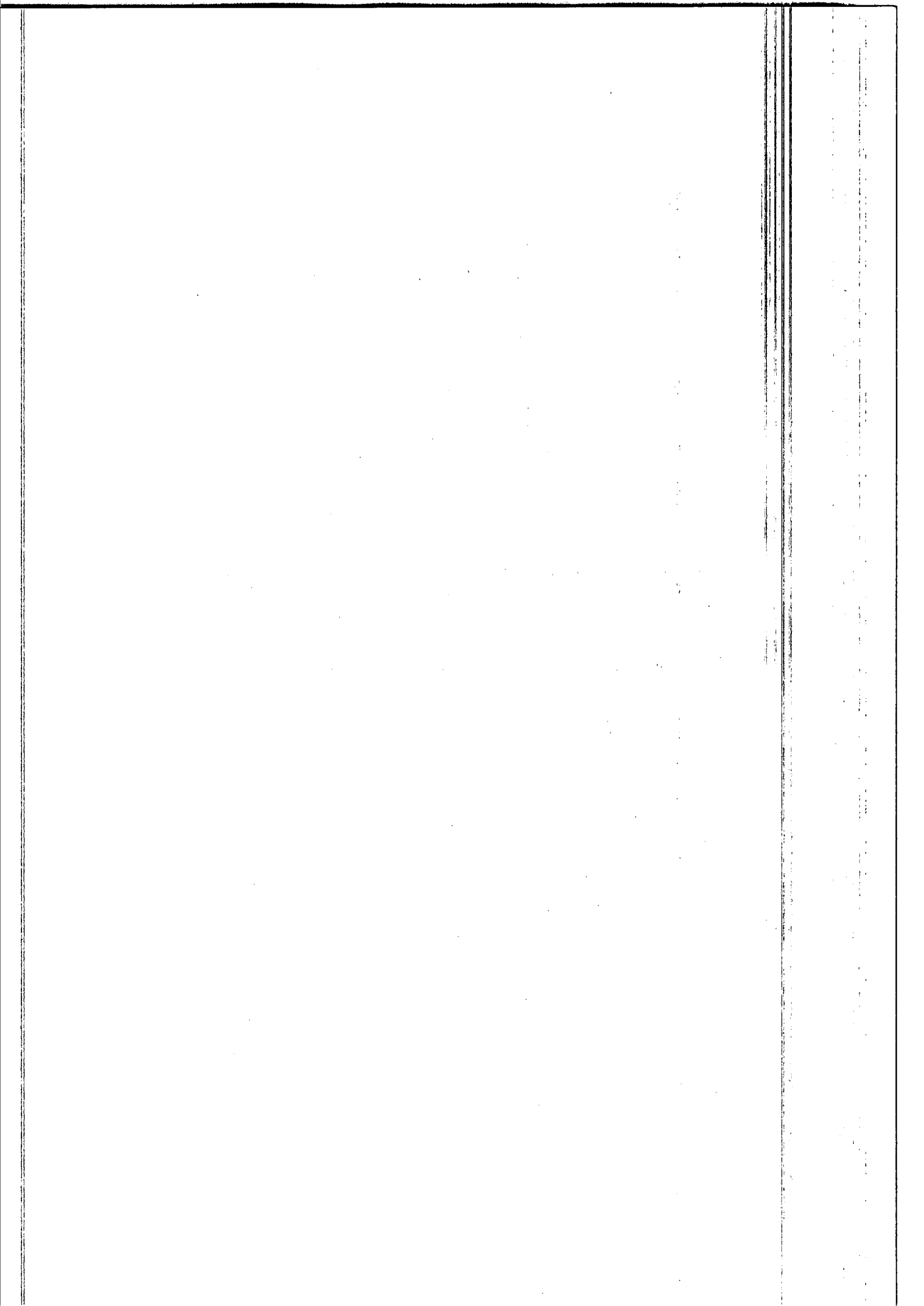
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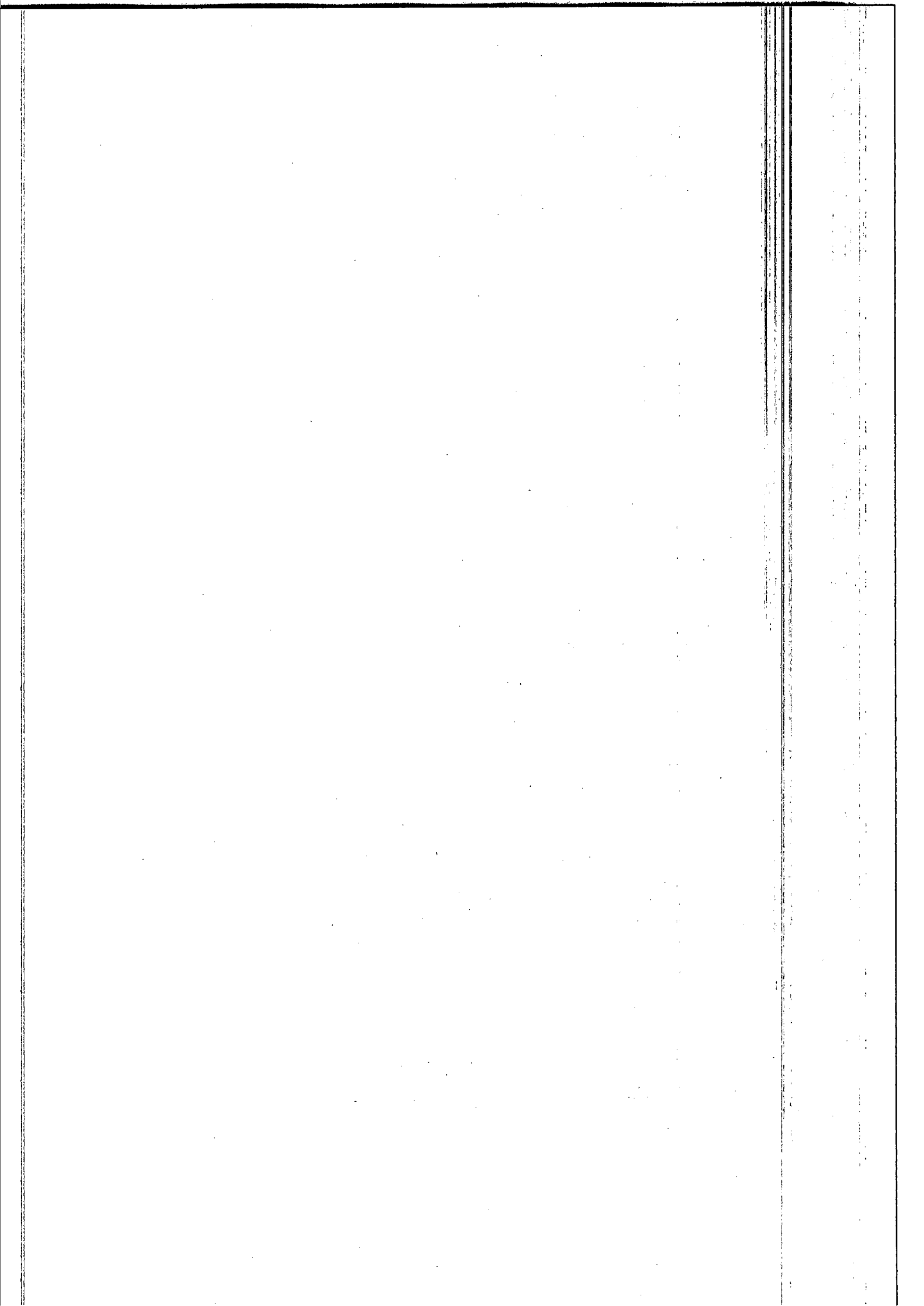


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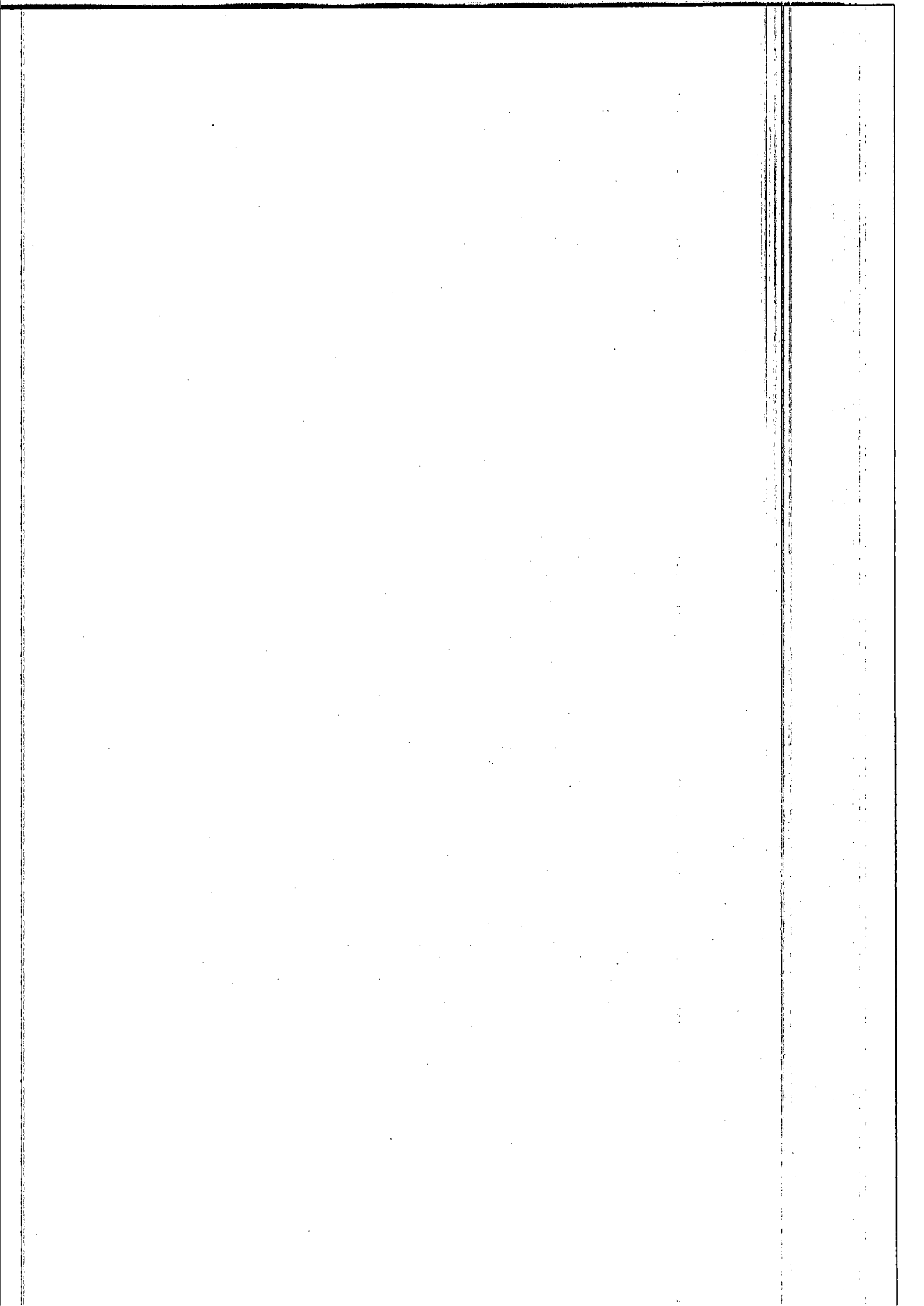
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R 13 Storage of waste pending any of the operations numbered R 1 to R 12 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced)







Environmental Protection Agency  
An Ghníomhaireacht um Chaomhnú Comhshaoil

Mr. David Molloy  
Environmental Health Officer  
Health Service Executive (Dublin North East)  
2nd Floor, Oak House  
Lime Tree Avenue, Millennium Park  
Naas, County Kildare  
Att. Mr David Molloy

Headquarters, PO Box 3000  
Johnstown Castle Estate  
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E: [info@epa.ie](mailto:info@epa.ie)  
W: [www.epa.ie](http://www.epa.ie)

LoCall: 1890 33 55 99

10 November, 2016

W0277 - 02

Dear Mr. Molloy,

In accordance with Article 18(1) of the Waste Management (Licensing) Regulations, I am to inform you of the receipt on 8 November, 2016, of documentation relating to a waste licence review application from Roadstone Limited in relation to a facility/premises located at Huntstown Inert Waste Recovery Facility Huntstown Quarry, Finglas, Dublin 11. This application has been assigned register number W0277-02. Further details in relation to the application are supplied on the accompanying attachment.

In accordance with Article 18(3) of the above Regulations, a copy of the Environmental Impact Statement (EIS) submitted with this application and is available for viewing on the Agencies website – [www.epa.ie](http://www.epa.ie).

I am to advise you that any person may make a submission to the Agency, in writing, in respect of the review, pursuant to Article 15 of the Regulations, which provides as follows:

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15. For the purpose of Section 40(2)(b) of the Acts, a person may make a written submission to the Agency in relation to -
- (i) an application, and
  - (ii) such plans, documents and other information and particulars, including an environmental impact statement, as are submitted by the applicant in accordance with Articles 12, 13, 14 and 16,
- and the Agency shall not give notice of a proposed decision under Section 42(2) of the Acts before the expiry of a period of one month following the date of a relevant -
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  - (k) notice in accordance with Article 16(2)(a), or
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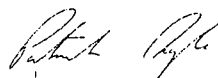


The Agency will have regard to any submission made in accordance with the Regulations and will write, in due course, to each person who makes such a submission, to advise them of the Agency's proposed decision on the review.

In accordance with Article 22(1)(b) of the review in due course.

**If you have no comments to make in relation to this application, there is no requirement for you to reply to this letter.**

Yours sincerely,



---

Patrick Doyle  
Programme Officer  
Environmental Licensing Programme  
Office of Environmental Sustainability



An Ghníomhaireacht um Chaomhnú Comhshaoil

## Waste Management Licensing

Details of Review Application, in accordance with Article 18(2) of the Waste Management (Licensing) Regulations, as of 10 November 2016.

**Application Reference/ Register No.:** W0277-02

**Applicant Name/ Address:**

Roadstone Limited  
Fortunestown  
Tallaght  
Dublin 24

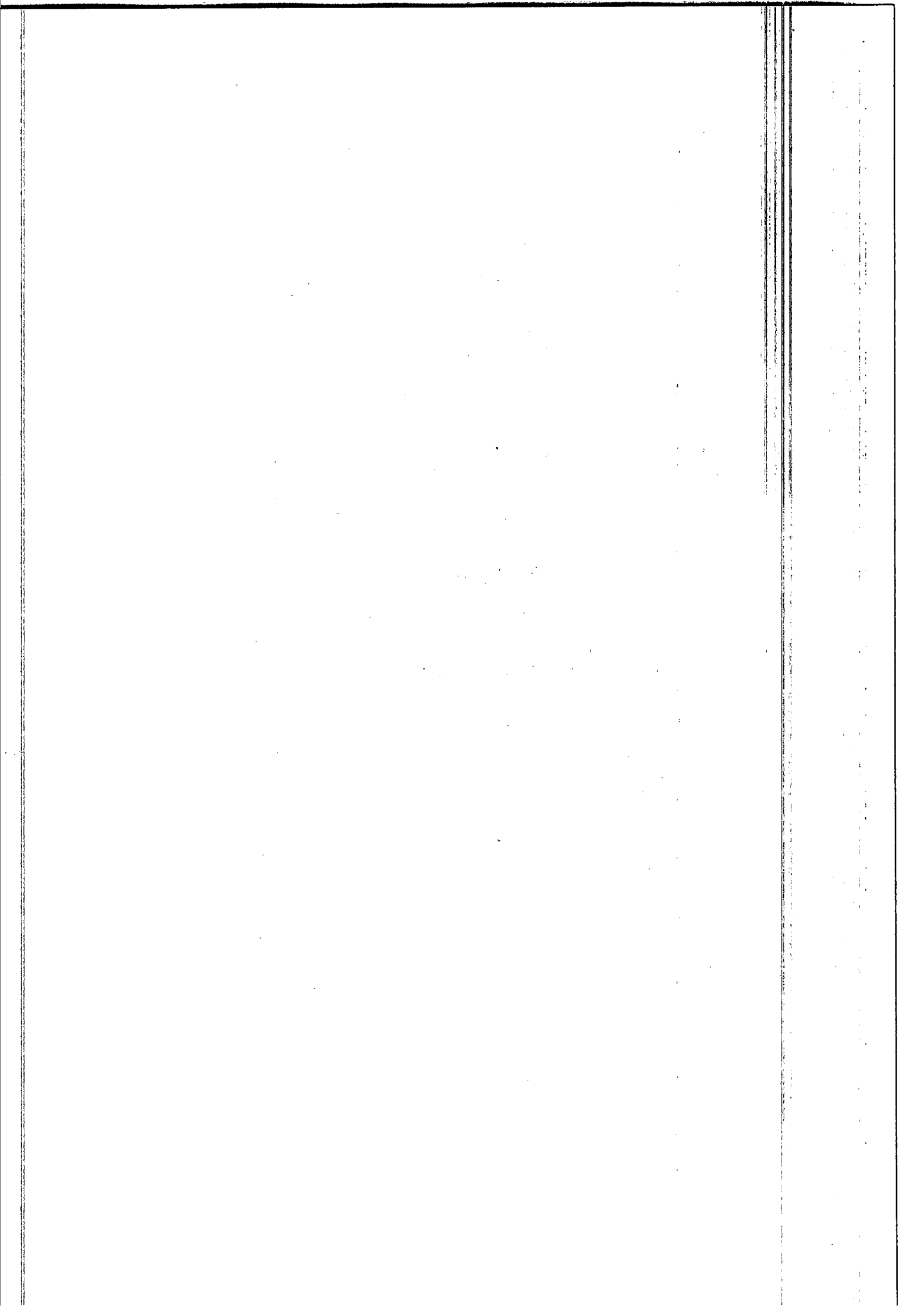
**Name & Location of Facility/ Premises concerned:**

Huntstown Inert Waste Recovery  
Facility, Huntstown Quarry, Finglas,  
Dublin 11,

**National grid reference of facility/ Premises**

3109 2420

*Note:* The class or classes of activity concerned in this application are detailed on the reverse.

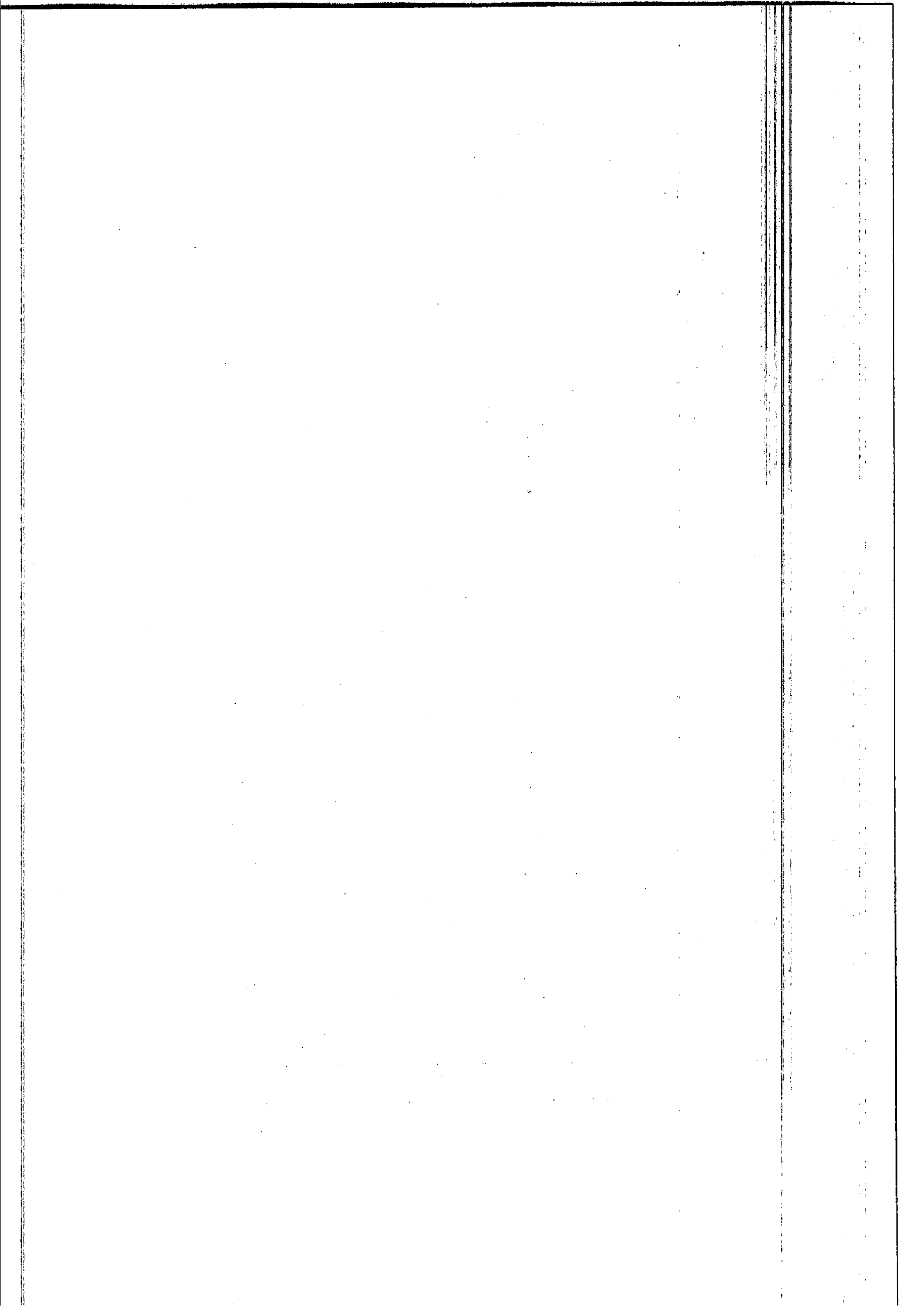


**re: Waste Licence Review Application** Reg No: W0277-02, made by Roadstone Limited, Fortunestown, Tallaght, Dublin 24, in respect of a facility/ premises at Huntstown Quarry, Finglas, Dublin 11, . The class or classes of activity concerned in the above referenced waste licence application as of 10 November 2016, in accordance with the Third and Fourth Schedules to the Waste Management Act 1996 as amended, are as follows (see the description of these activities below):

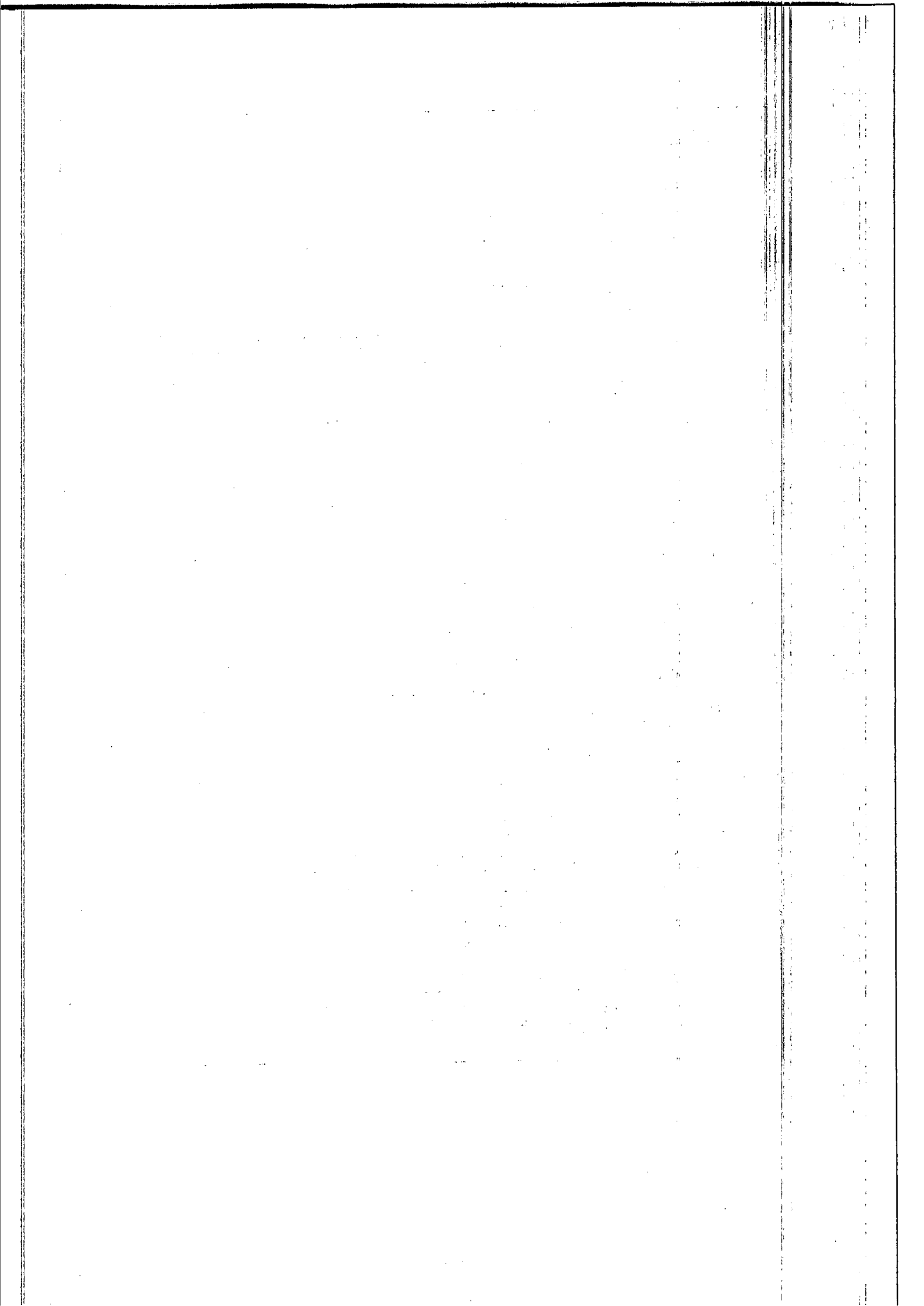
*Fourth Schedule Class/es: R3, R5, R13*

The applicant has specified the following as the principal activity: R.5/

<b>THIRD SCHEDULE</b>
<b><i>Waste Disposal Activities</i></b>
<u>D 1</u> Deposit into or on to land (e.g. landfill, etc.)
<u>D 2</u> Land treatment (e.g. biodegradation of liquid or sludgy discards in soils, etc.)
<u>D 3</u> Deep injection (e.g. injection of pumpable discards into wells, salt domes or naturally occurring repositories, etc.)
<u>D 4</u> Surface impoundment (e.g. placement of liquid or sludgy discards into pits, ponds or lagoons, etc.)
<u>D 5</u> Specially engineered landfill (e.g. placement into lined discrete cells which are capped and isolated from one another and the environment, etc.)
<u>D 6</u> Release into a water body except seas/oceans
<u>D 7</u> Release to seas/oceans including sea-bed insertion
<u>D 8</u> Biological treatment not specified elsewhere in this Schedule which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12
<u>D 9</u> Physico-chemical treatment not specified elsewhere in this Schedule which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12 (e.g. evaporation, drying, calcination, etc.)
<u>D 10</u> Incineration on land
<u>D 11</u> Incineration at sea (this operation is prohibited by EU legislation and international conventions)
<u>D 12</u> Permanent storage (e.g. emplacement of containers in a mine, etc.)
<u>D 13</u> Blending or mixing prior to submission to any of the operations numbered D 1 to D 12 (if there is not other D code appropriate, this can include preliminary operations prior to disposal including pre-processing such as, amongst others, sorting, crushing, compacting, pelletising, drying, shredding, conditioning or separating prior to submission to any of the operations numbered D1 to D12)
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<u>D 15</u> Storage pending any of the operations numbered D 1 to D 14 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced).
<b>FOURTH SCHEDULE</b>
<b><i>Waste Recovery Activities</i></b>



<p><u>R 1</u> Use principally as a fuel or other means to generate energy: This includes incineration facilities dedicated to the processing of municipal solid waste only where their energy efficiency is equal to or above -</p> <ul style="list-style-type: none"> <li>- 0.60 for installations in operation and permitted in accordance with applicable Community acts before 1 January 2009,</li> <li>- 0.65 for installations permitted after 31 December 2008,</li> </ul> <p>using the following formula, applied in accordance with the reference document on Best Available Techniques for Waste Incineration:</p> $\text{Energy efficiency} = (E_p - (E_f + E_i)) / (0.97 \times (E_w + E_f))$ <p>where –</p> <ul style="list-style-type: none"> <li>·E<sub>p</sub> means annual energy produced as heat or electricity calculated with energy in the form of electricity being multiplied by 2.6 and heat produced for commercial use multiplied by 1.1(GJ/year),</li> <li>·E<sub>f</sub> means annual energy input to the system from fuels contributing to the production of steam (GJ/year),</li> <li>·E<sub>w</sub> means annual energy contained in the treated waste calculated using the net calorific value of the waste (GJ/year),</li> <li>·E<sub>i</sub> means annual energy imported excluding E<sub>w</sub> and E<sub>f</sub>(GJ/year),</li> <li>·0.97 is a factor accounting for energy losses due to bottom ash and radiation.</li> </ul>
<u>R 2</u> Solvent reclamation/regeneration
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Secretary  
An Taisce - The National Trust for Ireland  
The Tailor's Hall  
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Headquarters, PO Box 3000  
Johnstown Castle Estate  
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LoCall: 1890 33 55 99

10 November, 2016

W0277 - 02

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In accordance with Article 18(1) of the Waste Management (Licensing) Regulations, I am to inform you of the receipt on 8 November, 2016, of documentation relating to a waste licence review application from Roadstone Limited in relation to a facility/premises located at Huntstown Inert Waste Recovery Facility Huntstown Quarry, Finglas, Dublin 11. This application has been assigned register number W0277-02. Further details in relation to the application are supplied on the accompanying attachment.

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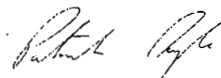
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**If you have no comments to make in relation to this application, there is no requirement for you to reply to this letter.**

Yours sincerely,



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Patrick Doyle  
Programme Officer  
Environmental Licensing Programme  
Office of Environmental Sustainability



An Ghníomhaireacht um Chaomhnú Comhshaoil

## Waste Management Licensing

### Details of Review Application, in accordance with Article 18(2) of the Waste Management (Licensing) Regulations, as of 10 November 2016.

**Application Reference/ Register No.:** W0277-02

**Applicant Name/ Address:**

Roadstone Limited  
Fortunestown  
Tallaght  
Dublin 24

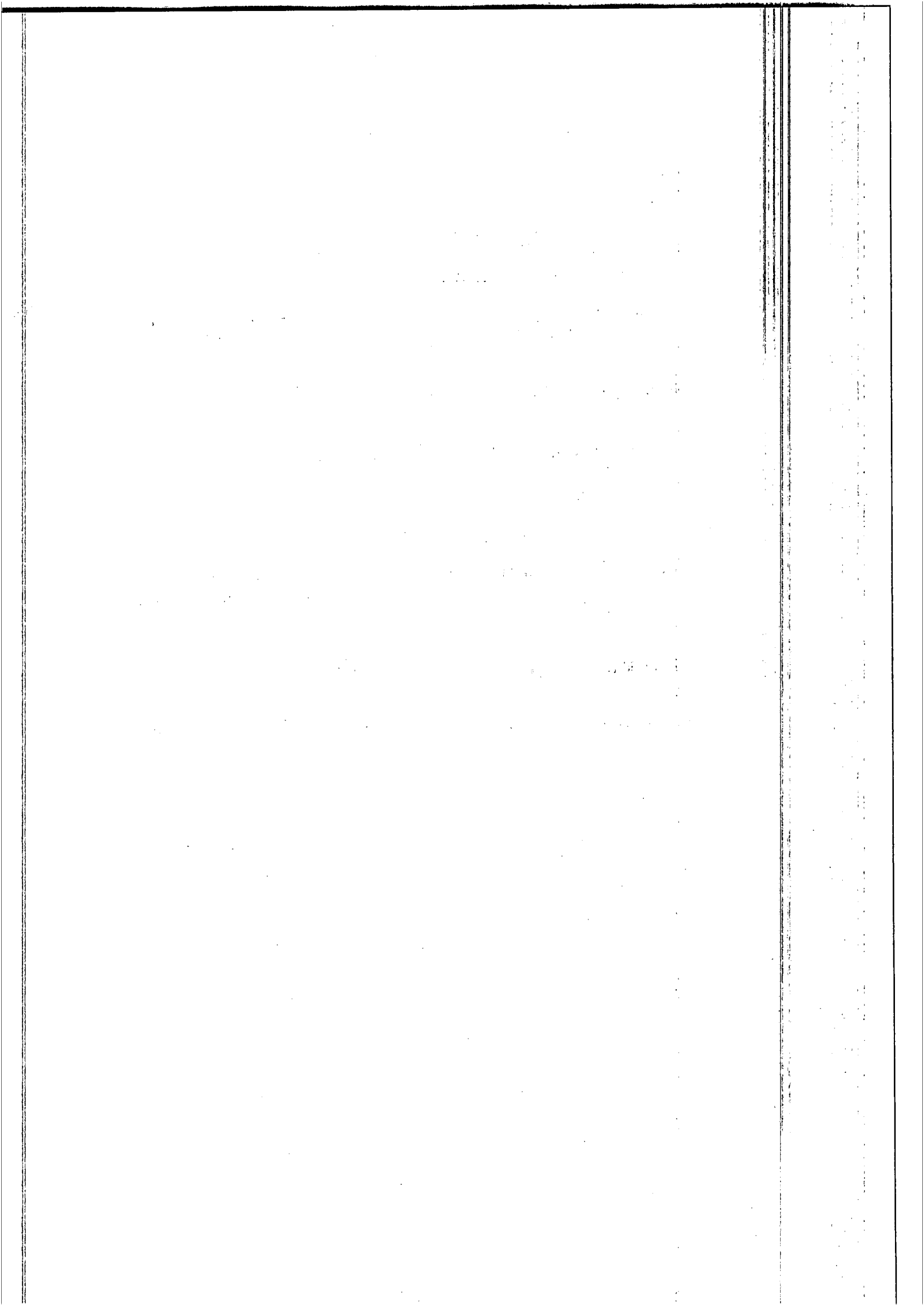
**Name & Location of Facility/ Premises concerned:**

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Dublin 11,

**National grid reference of facility/ Premises**

3109 2420

*Note:* The class or classes of activity concerned in this application are detailed on the reverse.

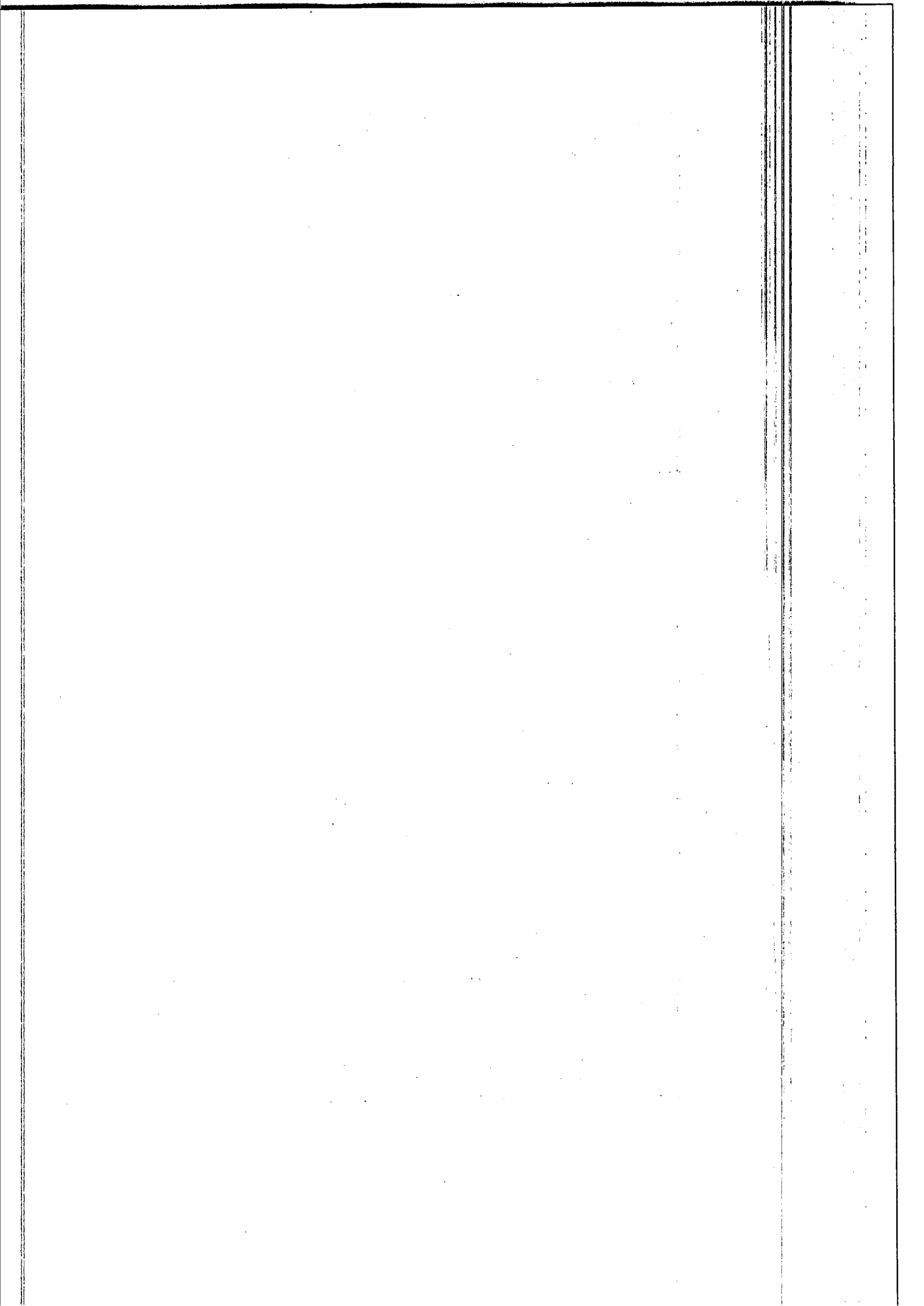


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where -

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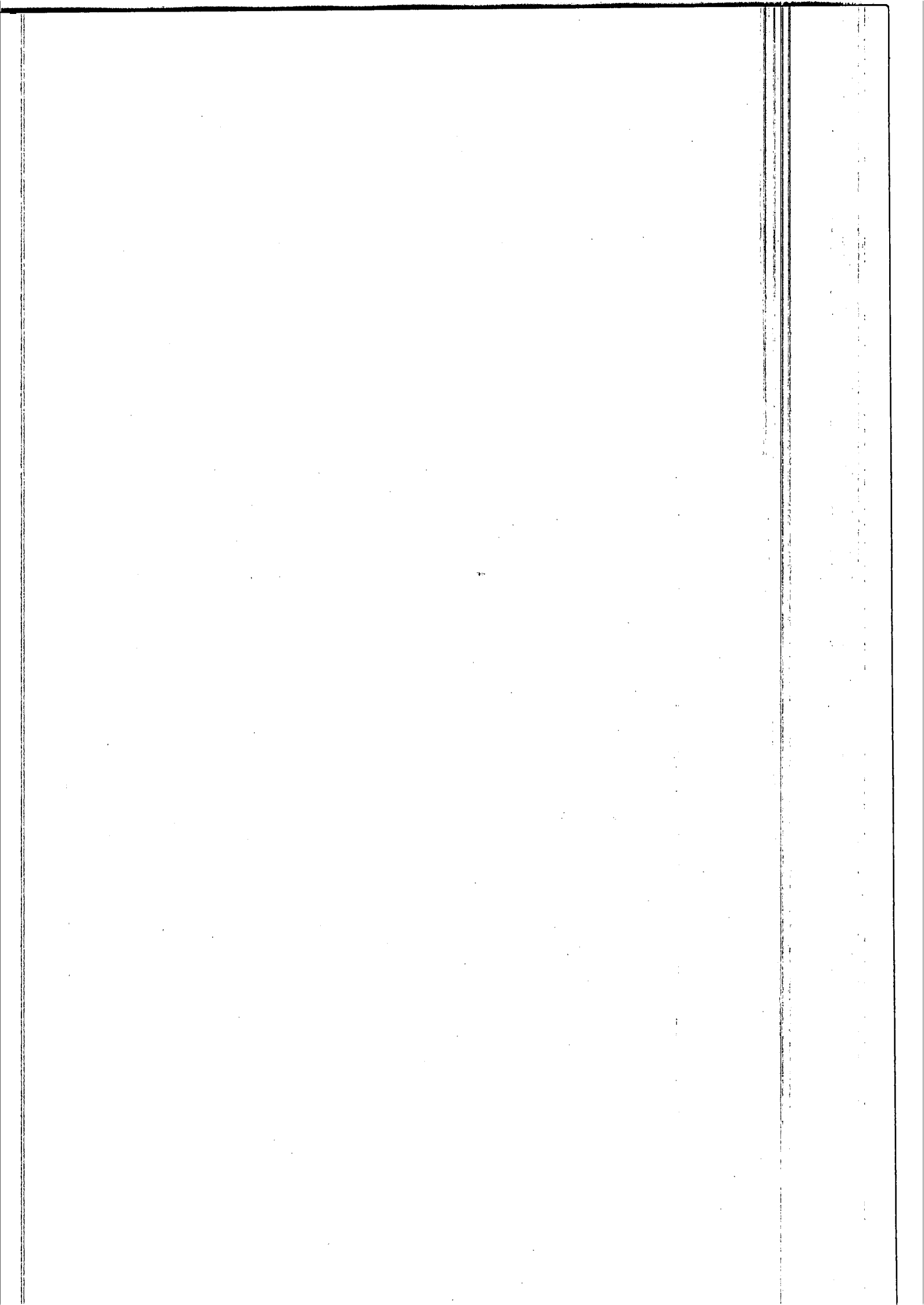
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Environmental Protection Agency  
An Ghníomhaireacht um Chaoimhú Comhshaoil

Minister Micheal Creed  
Department of Agriculture, Food and the Marine  
Agriculture House,  
Kildare  
Dublin 2  
environmentalco-ordination@agriculture.gov.ie

Headquarters, PO Box 3000  
Johnstown Castle Estate  
County Wexford, Ireland  
Y35 W821

Ceanncheathrú, Bosca Poist 3000  
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10 November, 2016

W0277 - 02

LoCall: 1890 33 55 99

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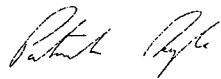
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Yours sincerely,



---

Patrick Doyle  
Programme Officer  
Environmental Licensing Programme  
Office of Environmental Sustainability



An Ghníomhaireacht um Chaomhnú Comhshaoil

## Waste Management Licensing

Details of Review Application, in accordance with Article 18(2) of the Waste Management (Licensing) Regulations, as of 10 November 2016.

**Application Reference/ Register No.:** W0277-02

**Applicant Name/ Address:**

Roadstone Limited  
Fortunestown  
Tallaght  
Dublin 24

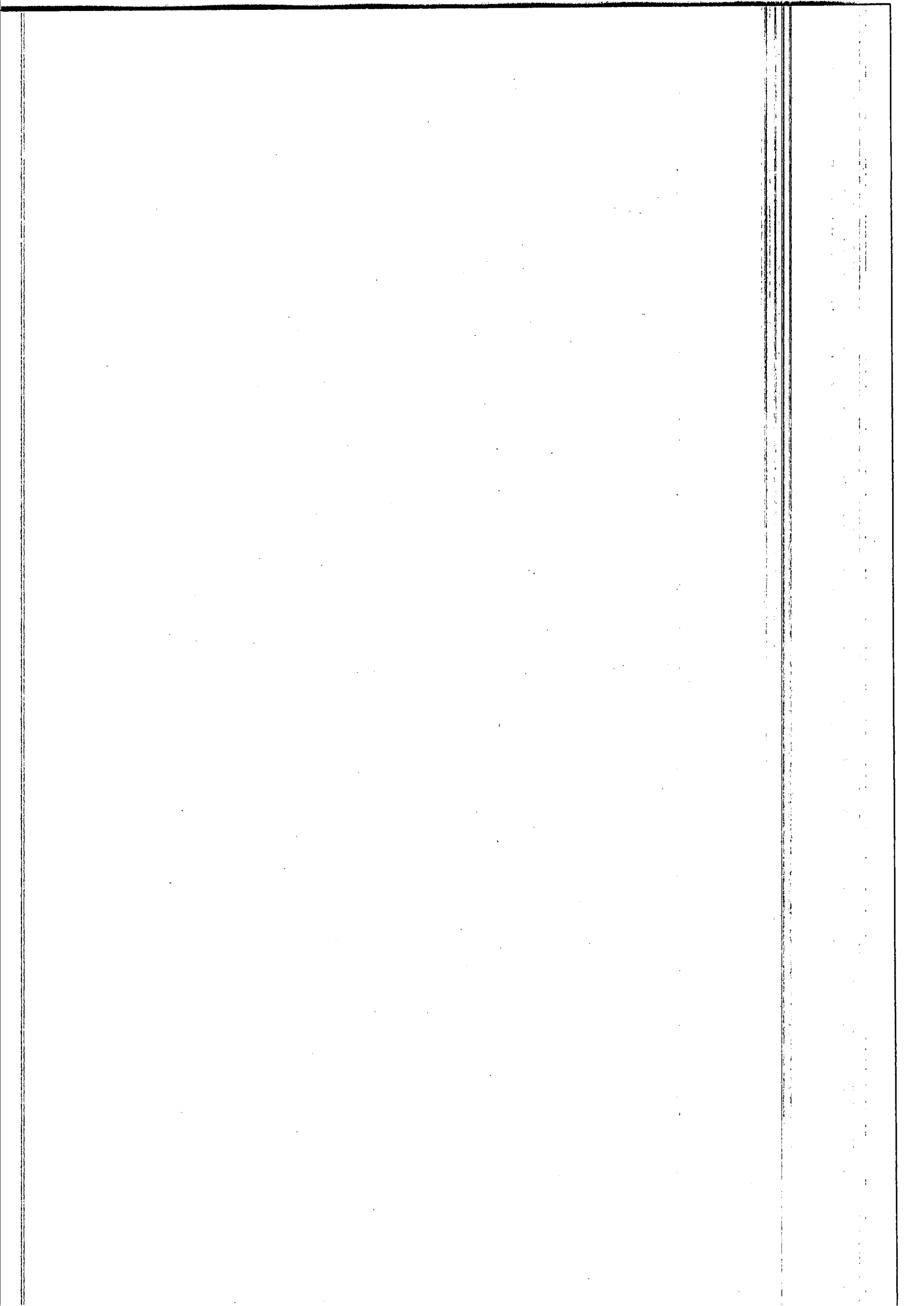
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Huntstown Inert Waste Recovery  
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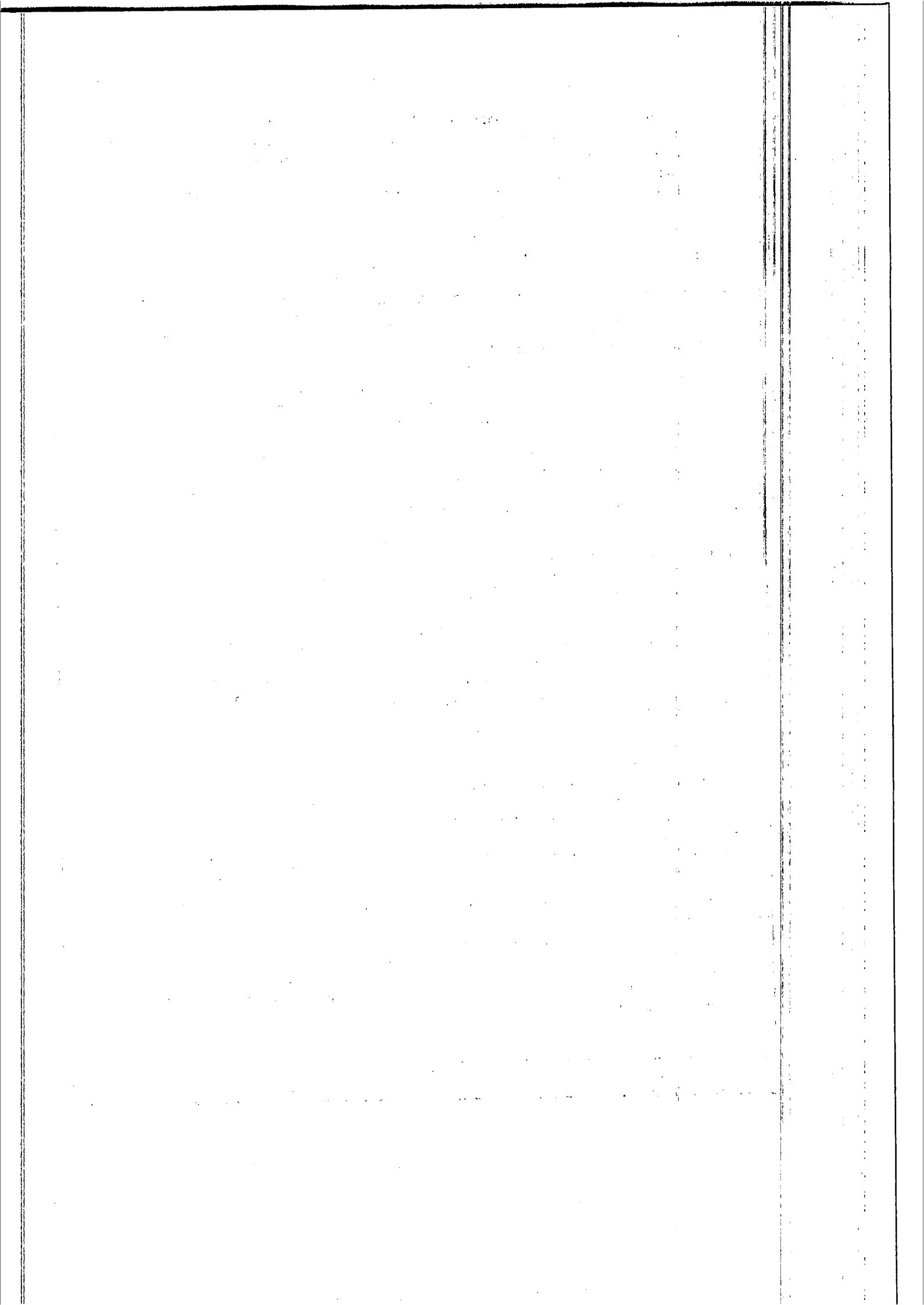


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R 2 Solvent reclamation/regeneration

R 3 Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes), which includes gasification and pyrolysis using the components as chemicals

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R 5 Recycling/reclamation of other inorganic materials, which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials

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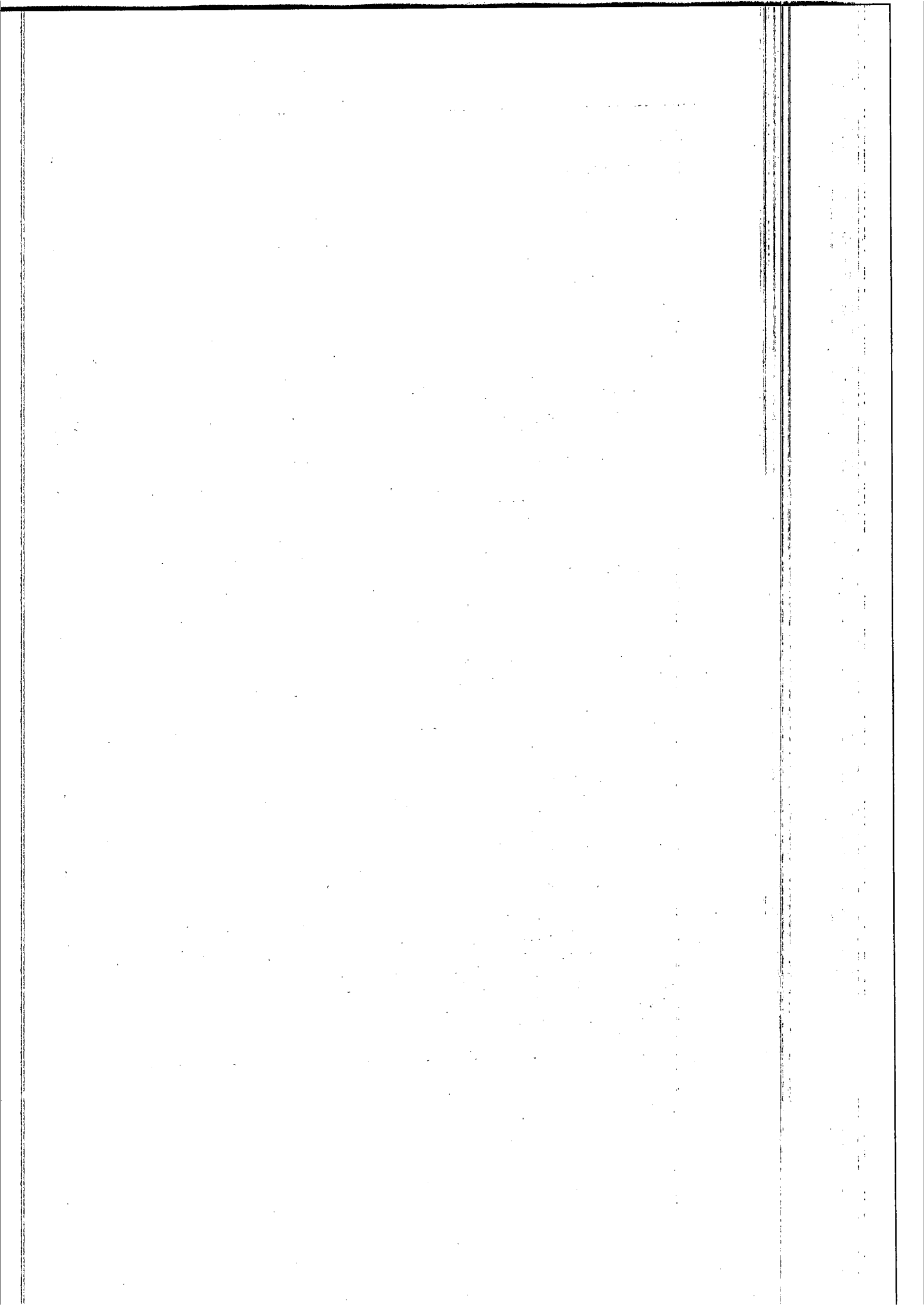
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10 November, 2016

W0277 - 02

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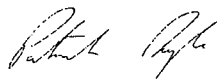
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In accordance with Article 22(1)(b) of the review in due course.

**If you have no comments to make in relation to this application, there is no requirement for you to reply to this letter.**

Yours sincerely,



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Patrick Doyle  
Programme Officer  
Environmental Licensing Programme  
Office of Environmental Sustainability



An Ghníomhaireacht um Chaomhnú Comhshaoil

## Waste Management Licensing

Details of Review Application, in accordance with Article 18(2) of the Waste Management (Licensing) Regulations, as of 10 November 2016.

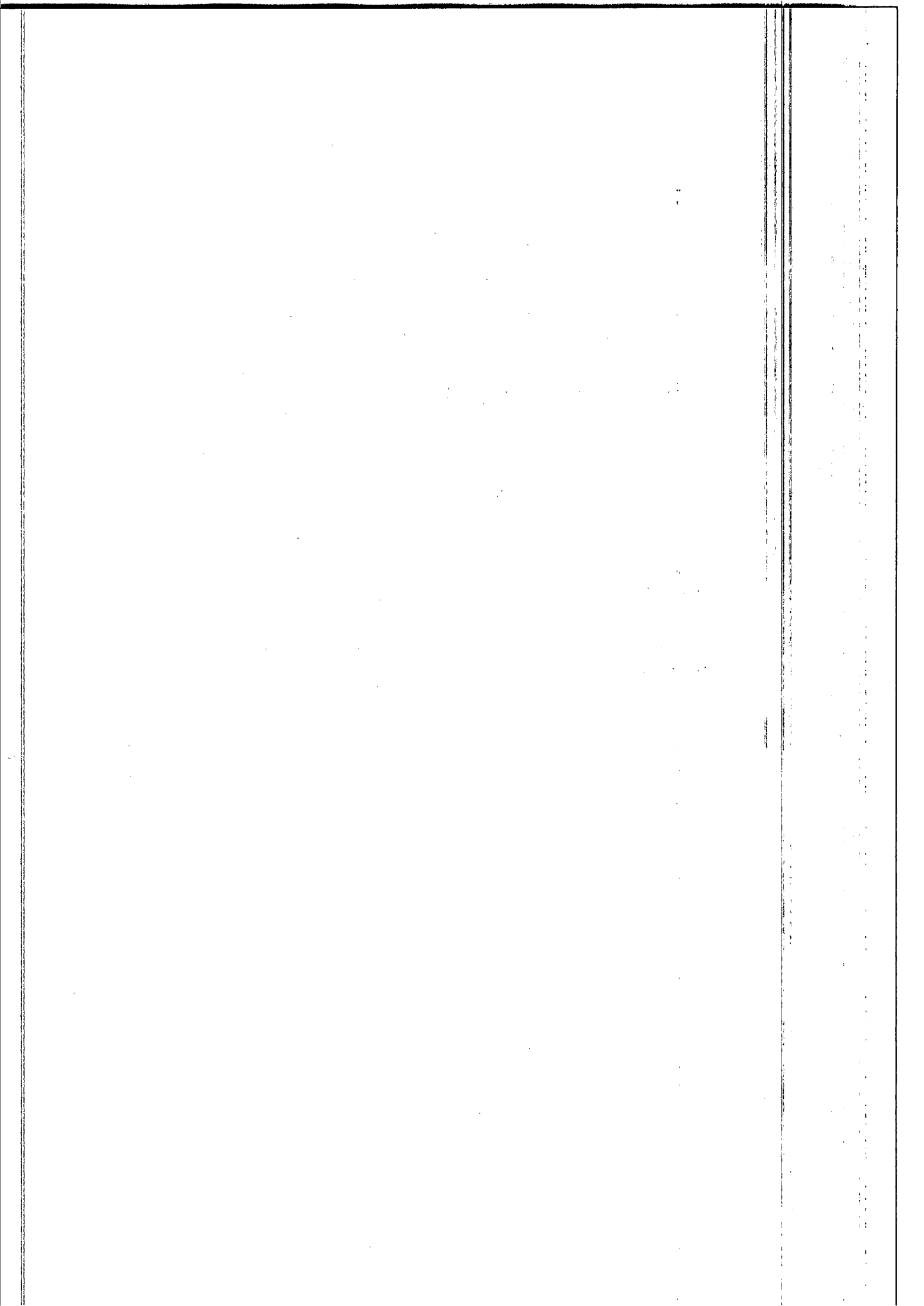
**Application Reference/ Register No.:** W0277-02

**Applicant Name/ Address:** Roadstone Limited  
Fortunestown  
Tallaght  
Dublin 24

**Name & Location of Facility/ Premises concerned:** Huntstown Inert Waste Recovery Facility, Huntstown Quarry, Finglas, Dublin 11,

**National grid reference of facility/ Premises** 3109 2420

*Note:* The class or classes of activity concerned in this application are detailed on the reverse.

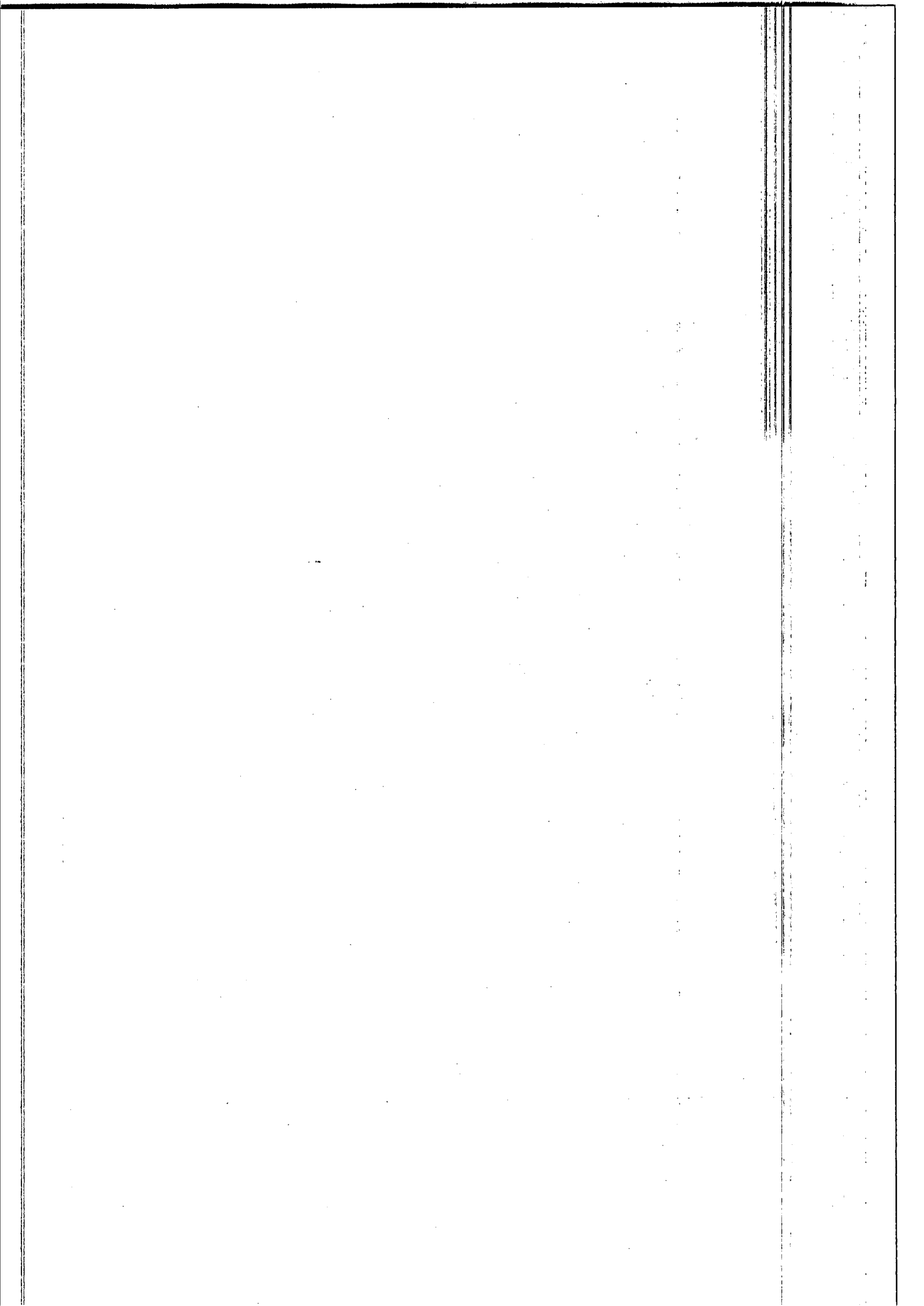


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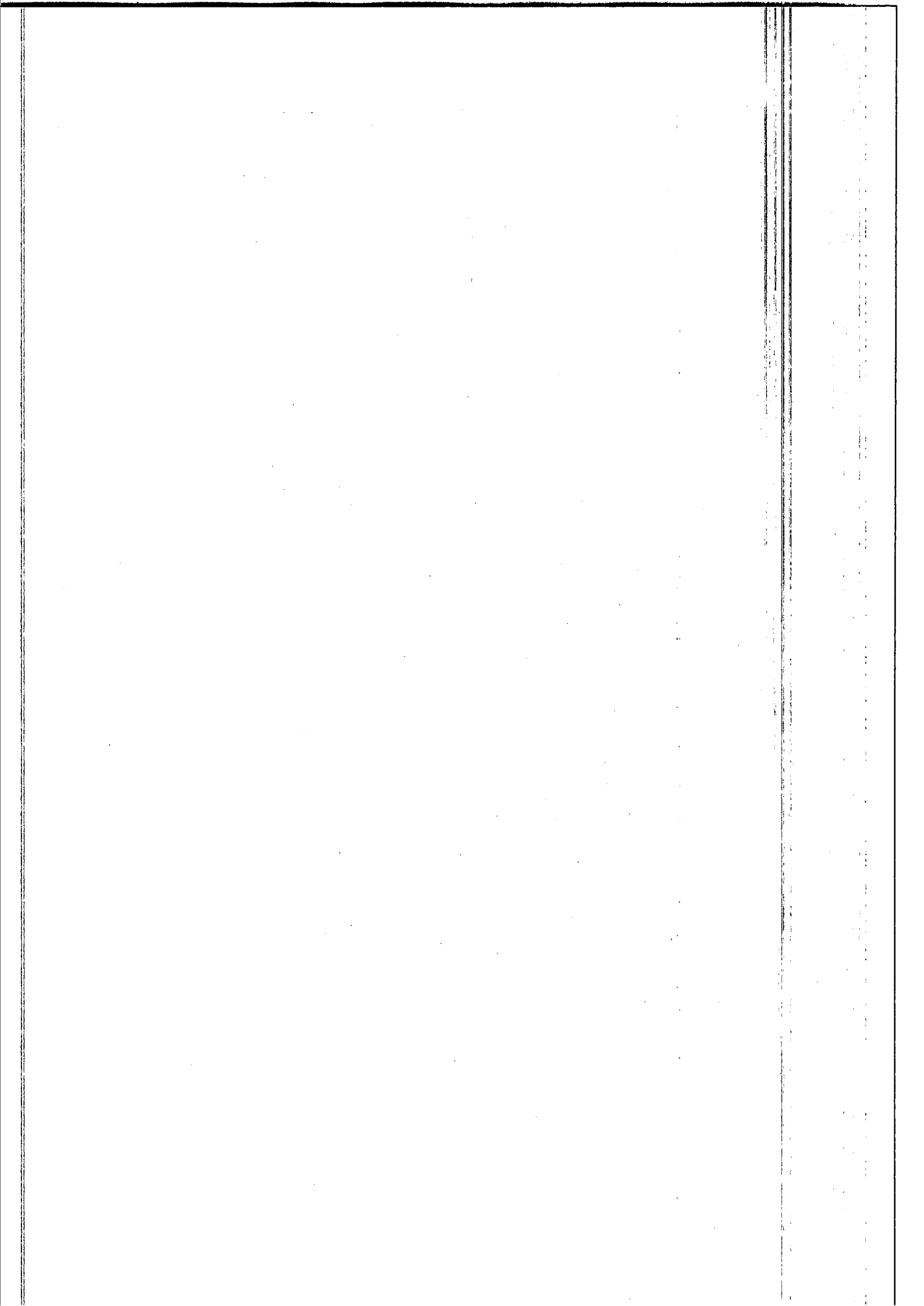
*Fourth Schedule Class/es: R3, R5, R13*

The applicant has specified the following as the principal activity: R.5/

<b>THIRD SCHEDULE</b>
<b>Waste Disposal Activities</b>
<u>D 1</u> Deposit into or on to land (e.g. landfill, etc.)
<u>D 2</u> Land treatment (e.g. biodegradation of liquid or sludgy discards in soils, etc.)
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<p><u>R 1</u> Use principally as a fuel or other means to generate energy: This includes incineration facilities dedicated to the processing of municipal solid waste only where their energy efficiency is equal to or above -</p> <ul style="list-style-type: none"> <li>- 0.60 for installations in operation and permitted in accordance with applicable Community acts before 1 January 2009,</li> <li>- 0.65 for installations permitted after 31 December 2008.</li> </ul> <p>using the following formula, applied in accordance with the reference document on Best Available Techniques for Waste Incineration:</p> $\text{Energy efficiency} = (E_p - (E_f + E_i)) / (0.97 \times (E_w + E_f))$ <p>where -</p> <ul style="list-style-type: none"> <li>· 'E<sub>p</sub>' means annual energy produced as heat or electricity calculated with energy in the form of electricity being multiplied by 2.6 and heat produced for commercial use multiplied by 1.1 (GJ/year),</li> <li>· 'E<sub>f</sub>' means annual energy input to the system from fuels contributing to the production of steam (GJ/year),</li> <li>· 'E<sub>w</sub>' means annual energy contained in the treated waste calculated using the net calorific value of the waste (GJ/year),</li> <li>· 'E<sub>i</sub>' means annual energy imported excluding E<sub>w</sub> and E<sub>f</sub> (GJ/year),</li> <li>· '0.97' is a factor accounting for energy losses due to bottom ash and radiation.</li> </ul>
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Mr. Mark Griffin  
Secretary General  
Dept of Communications, Climate Action and Environ  
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10 November, 2016

W0277 - 02

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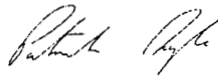
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An Gníomhaireacht um Chaomhnú Comhshaoil

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Roadstone Limited  
Fortunestown  
Tallaght  
Dublin 24

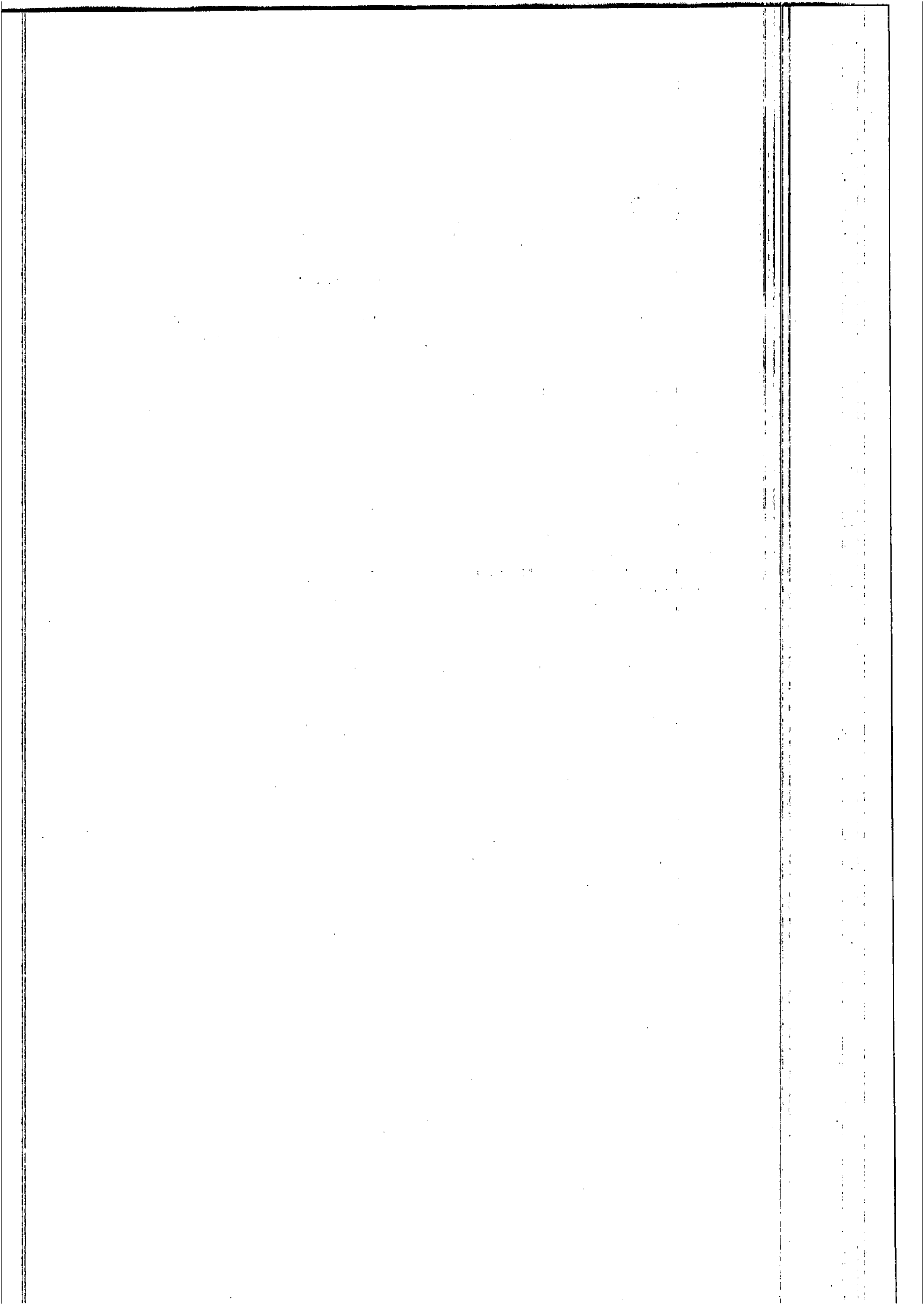
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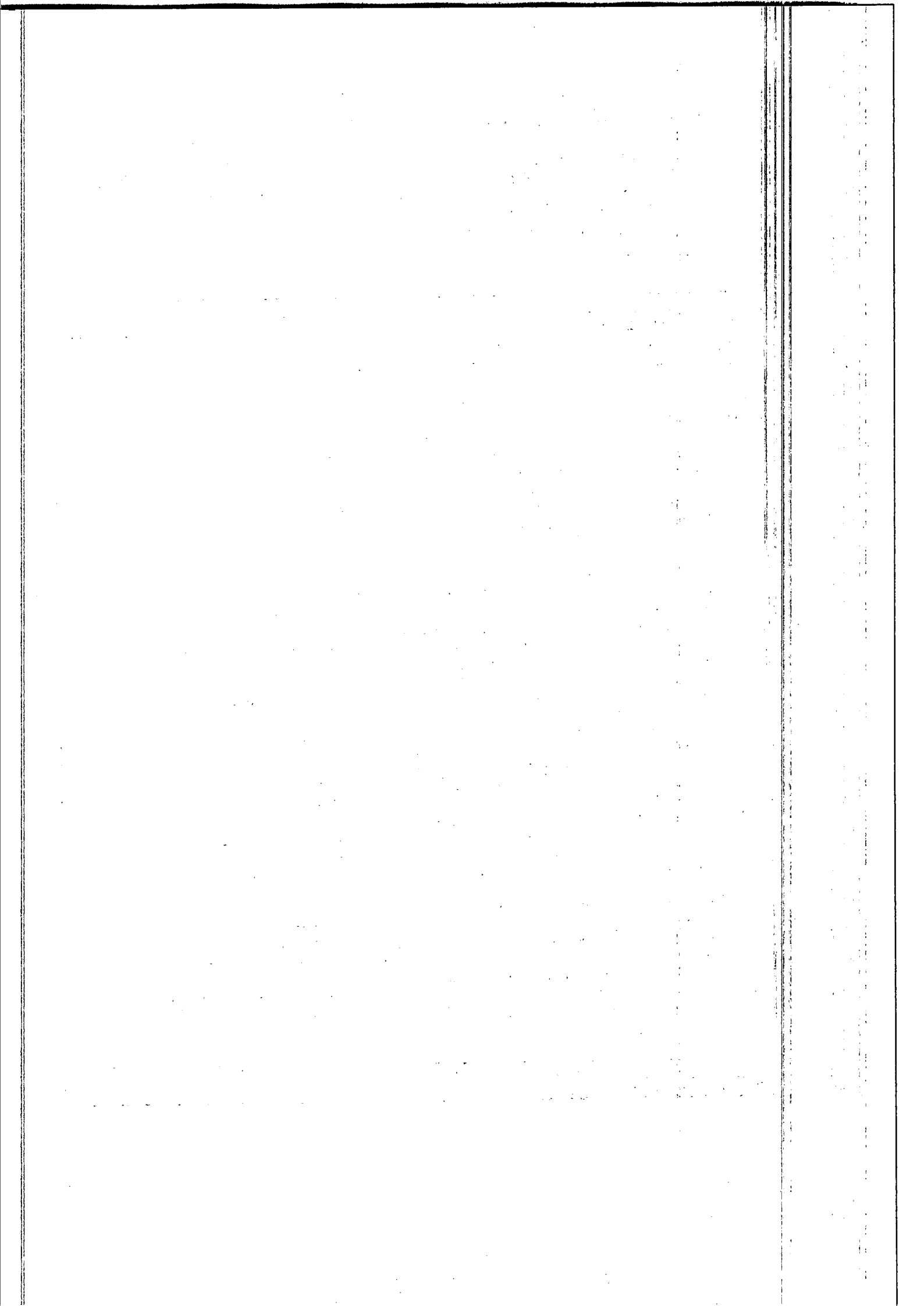


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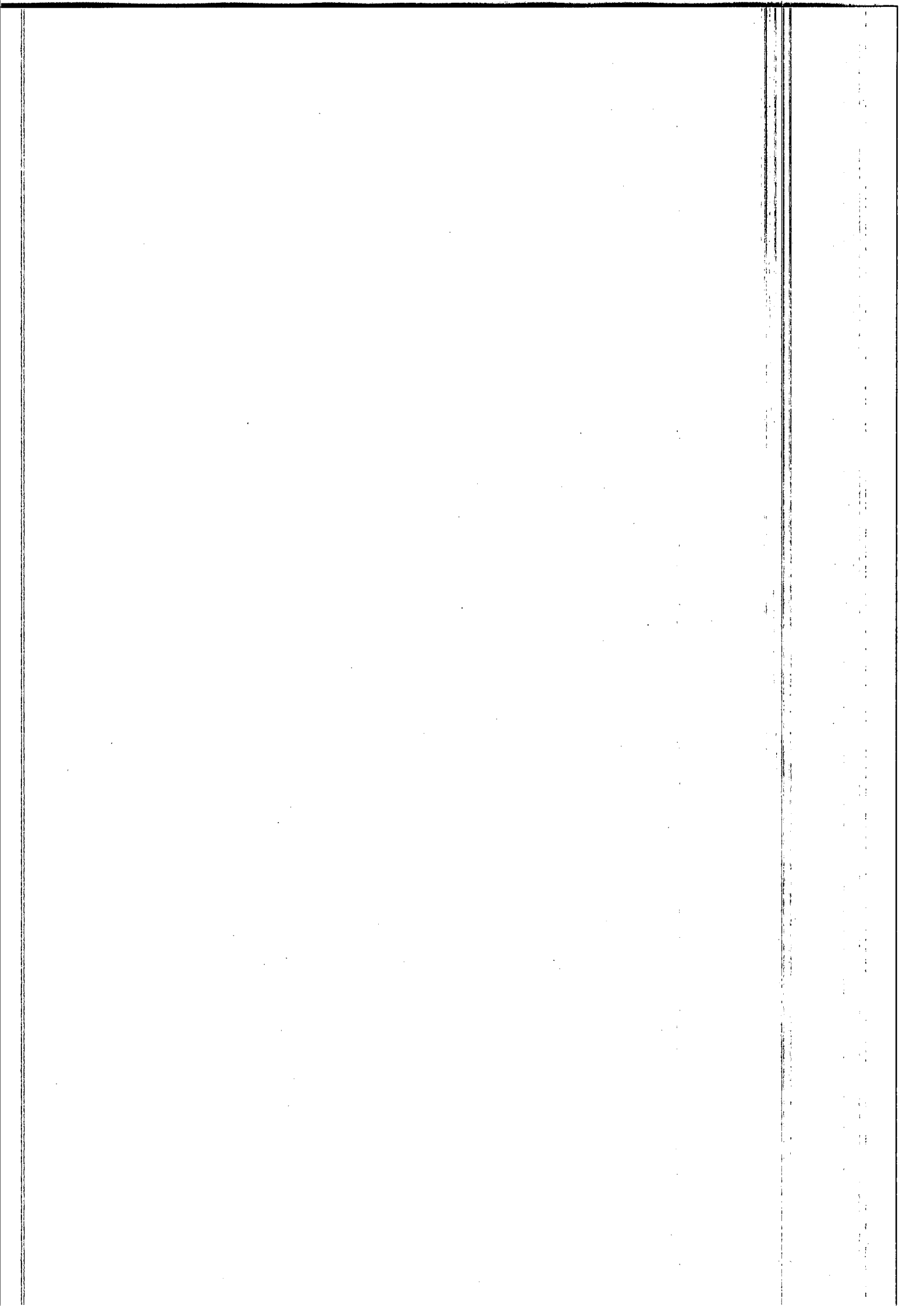
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Environmental Protection Agency  
An Ghníomhaireacht um Chaoimhú Comhshaoil

Development Applications Unit  
Department of Arts, Heritage Regional, Rural and Gaeltacht Affairs  
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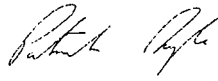
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An Ghníomhaireacht um Chaomhnú Comhshaoil

## Waste Management Licensing

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**Application Reference/ Register No.:** W0277-02

**Applicant Name/ Address:**

Roadstone Limited  
Fortunestown  
Tallaght  
Dublin 24

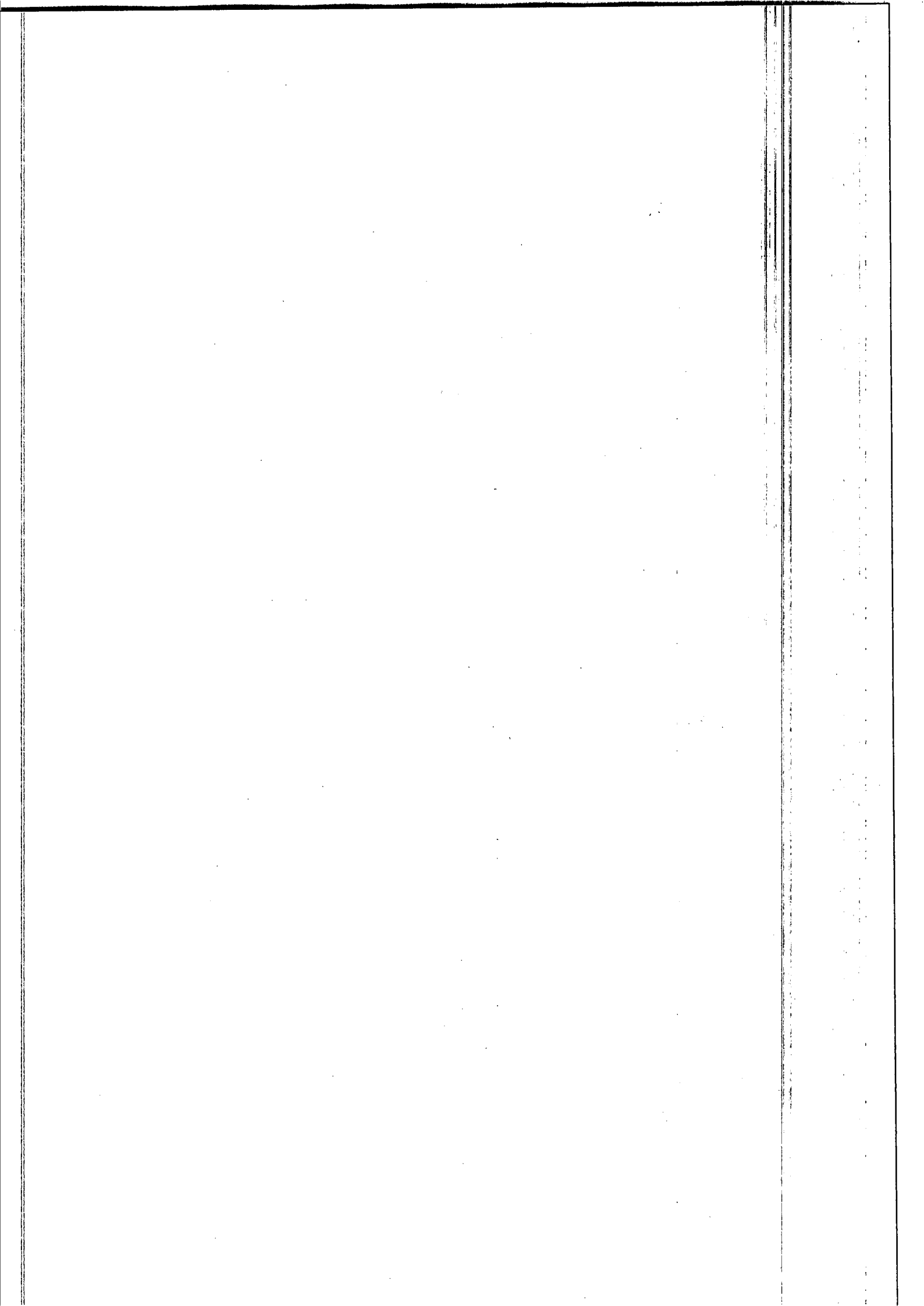
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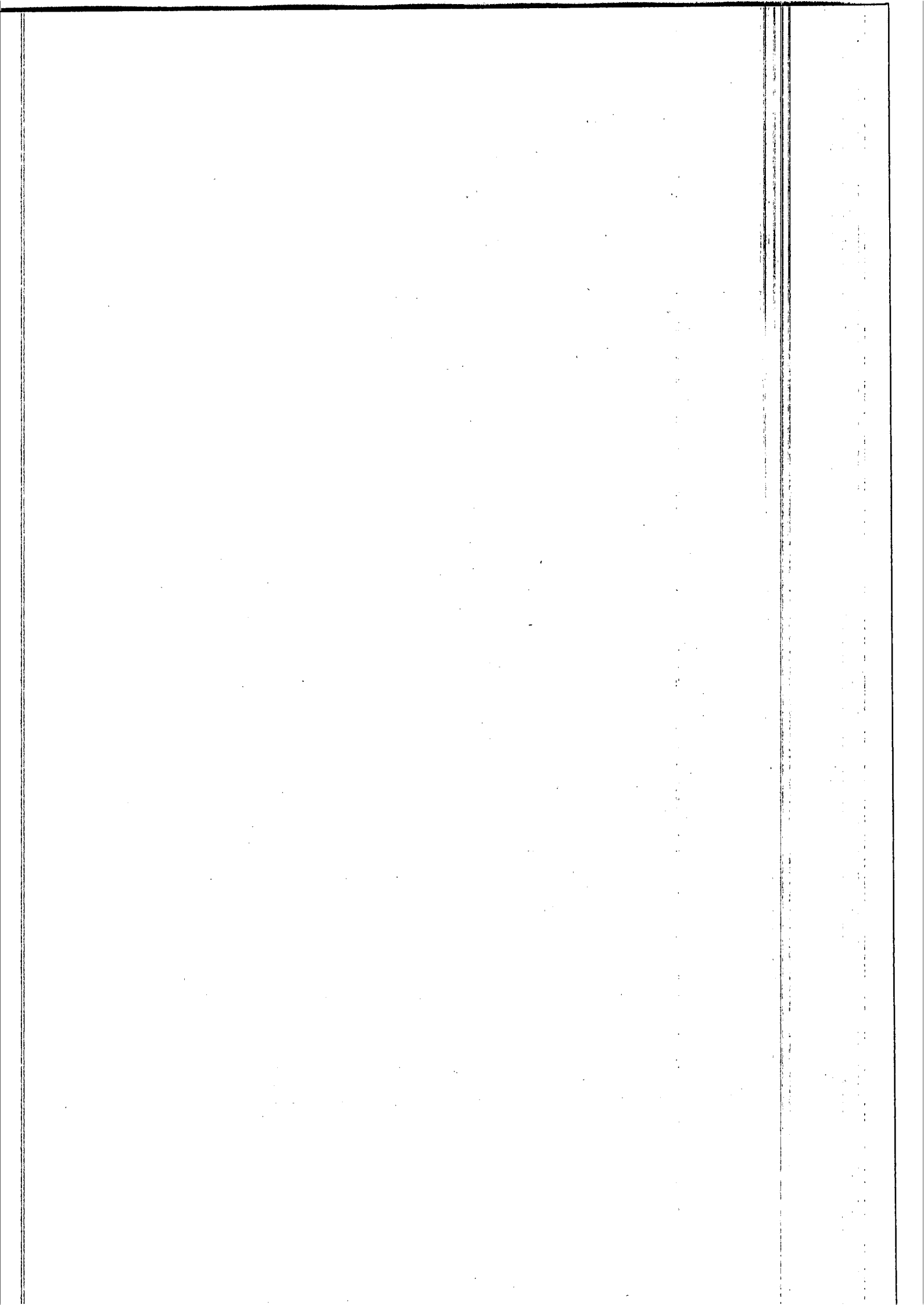


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<u>D 10</u> Incineration on land
<u>D 11</u> Incineration at sea (this operation is prohibited by EU legislation and international conventions)
<u>D 12</u> Permanent storage (e.g. emplacement of containers in a mine, etc.)
<u>D 13</u> Blending or mixing prior to submission to any of the operations numbered D 1 to D 12 (if there is not other D code appropriate, this can include preliminary operations prior to disposal including pre-processing such as, amongst others, sorting, crushing, compacting, pelletising, drying, shredding, conditioning or separating prior to submission to any of the operations numbered D1 to D12)
<u>D 14</u> Repackaging prior to submission to any of the operations numbered D 1 to D 13
<u>D 15</u> Storage pending any of the operations numbered D 1 to D 14 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced).
<b>FOURTH SCHEDULE</b>
<b><i>Waste Recovery Activities</i></b>



R 1 Use principally as a fuel or other means to generate energy: This includes incineration facilities dedicated to the processing of municipal solid waste only where their energy efficiency is equal to or above -

- 0.60 for installations in operation and permitted in accordance with applicable Community acts before 1 January 2009,

- 0.65 for installations permitted after 31 December 2008.

using the following formula, applied in accordance with the reference document on Best Available Techniques for Waste Incineration:

$$\text{Energy efficiency} = (E_p - (E_f + E_i)) / (0.97 \times (E_w + E_f))$$

where -

·E<sub>p</sub>· means annual energy produced as heat or electricity calculated with energy in the form of electricity being multiplied by 2.6 and heat produced for commercial use multiplied by 1.1(GJ/year),

·E<sub>f</sub>· means annual energy input to the system from fuels contributing to the production of steam (GJ/year).

·E<sub>w</sub>· means annual energy contained in the treated waste calculated using the net calorific value of the waste (GJ/year).

·E<sub>i</sub>· means annual energy imported excluding E<sub>w</sub> and E<sub>f</sub>(GJ/year),

·0.97· is a factor accounting for energy losses due to bottom ash and radiation.

R 2 Solvent reclamation/regeneration

R 3 Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes), which includes gasification and pyrolysis using the components as chemicals

R 4 Recycling/reclamation of metals and metal compounds

R 5 Recycling/reclamation of other inorganic materials, which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials

R 6 Regeneration of acids or bases

R 7 Recovery of components used for pollution abatement

R 8 Recovery of components from catalysts

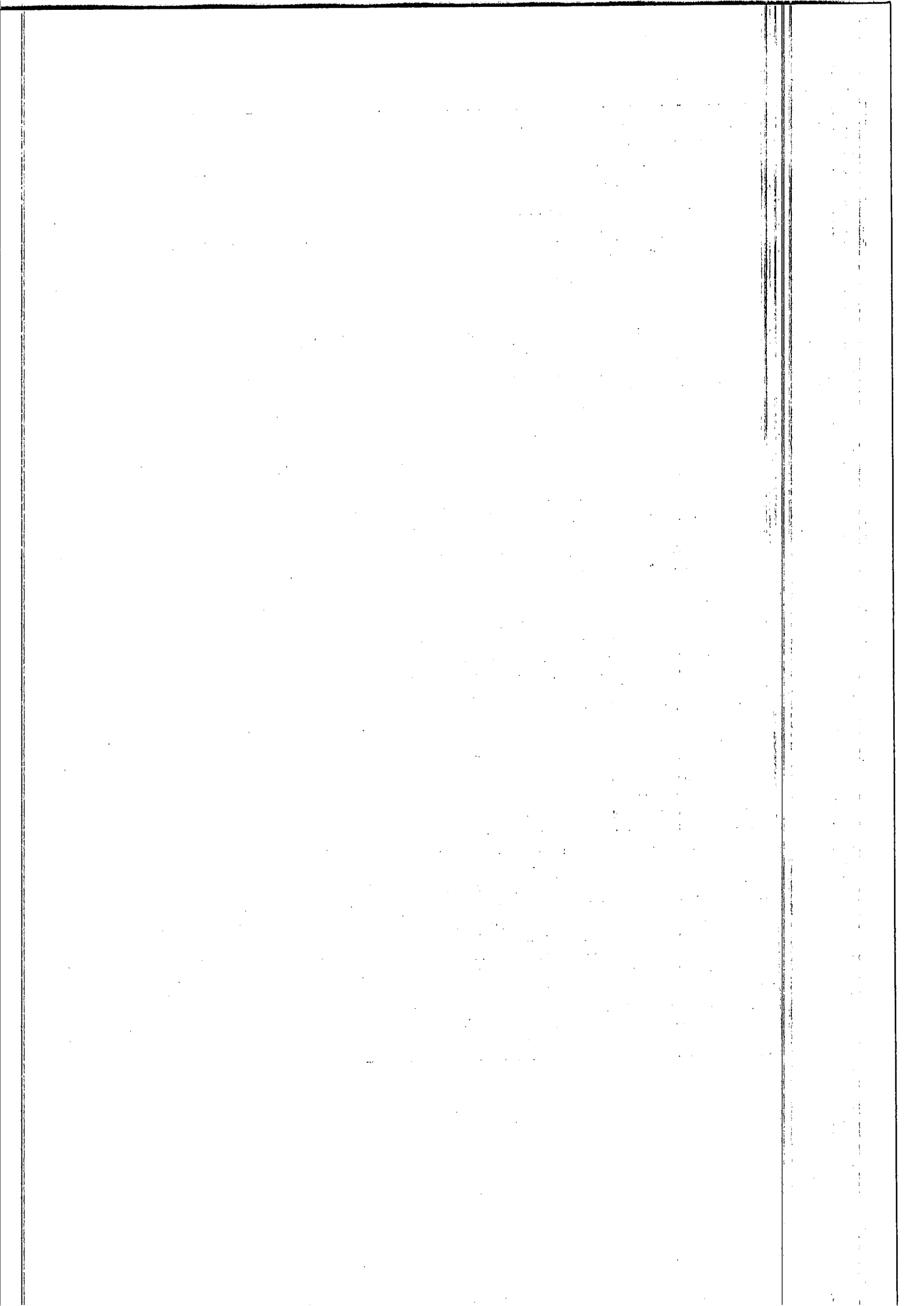
R 9 Oil re-refining or other reuses of oil

R 10 Land treatment resulting in benefit to agriculture or ecological improvement

R 11 Use of waste obtained from any of the operations numbered R 1 to R 10

R 12 Exchange of waste for submission to any of the operations numbered R 1 to R 11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as, amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R 1 to R 11)

R 13 Storage of waste pending any of the operations numbered R 1 to R 12 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced)





Mr. Paddy Mathews  
Manager of Environment & Planning  
Failte Ireland  
Environment Unit  
88-95 Amiens Street  
Dublin 1  
Attn: Mr. Paddy Matthews

Headquarters, PO Box 3000  
Johnstown Castle Estate  
County Wexford, Ireland  
Y35 W821

Ceanncheathrú, Bosca Poist 3000  
Eastát Chaisleán Bhaile Sheáin  
Contae Loch Garman, Éire  
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F: +353 53 9160699  
E: [info@epa.ie](mailto:info@epa.ie)  
W: [www.epa.ie](http://www.epa.ie)

LoCall: 1890 33 55 99

10 November, 2016

W0277 - 02

Dear Mr. Mathews,

In accordance with Article 18(1) of the Waste Management (Licensing) Regulations, I am to inform you of the receipt on 8 November, 2016, of documentation relating to a waste licence review application from Roadstone Limited in relation to a facility/premises located at Huntstown Inert Waste Recovery Facility Huntstown Quarry, Finglas, Dublin 11. This application has been assigned register number W0277-02. Further details in relation to the application are supplied on the accompanying attachment.

In accordance with Article 18(3) of the above Regulations, a copy of the Environmental Impact Statement (EIS) submitted with this application and is available for viewing on the Agencies website – [www.epa.ie](http://www.epa.ie).

I am to advise you that any person may make a submission to the Agency, in writing, in respect of the review, pursuant to Article 15 of the Regulations, which provides as follows:

Extract from the Waste Management (Licensing) Regulations

Submissions to the Agency regarding applications.

15. For the purpose of Section 40(2)(b) of the Acts, a person may make a written submission to the Agency in relation to -
- (i) an application, and
  - (ii) such plans, documents and other information and particulars, including an environmental impact statement, as are submitted by the applicant in accordance with Articles 12, 13, 14 and 16,
- and the Agency shall not give notice of a proposed decision under Section 42(2) of the Acts before the expiry of a period of one month following the date of a relevant -
- (bb) acknowledgement in accordance with Article 14(2)(a), or
  - (cc) notice in accordance with Article 16(2)(a), or
  - (dd) acknowledgement in accordance with Article 16(4),
- whichever such date is the later.

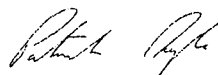
The application, (EIS if relevant) and associated correspondence, including the acknowledgements and notifications referred to in Article 15, are available to view on the Agency Website at [www.epa.ie/licensing](http://www.epa.ie/licensing).

The Agency will have regard to any submission made in accordance with the Regulations and will write, in due course, to each person who makes such a submission, to advise them of the Agency's proposed decision on the review.

In accordance with Article 22(1)(b) of the review in due course.

**If you have no comments to make in relation to this application, there is no requirement for you to reply to this letter.**

Yours sincerely,



---

Patrick Doyle  
Programme Officer  
Environmental Licensing Programme  
Office of Environmental Sustainability



An Ghníomhaireacht um Chaomhnú Comhshaoil

## Waste Management Licensing

Details of Review Application, in accordance with Article 18(2) of the Waste Management (Licensing) Regulations, as of 10 November 2016.

**Application Reference/ Register No.:** W0277-02

**Applicant Name/ Address:**

Roadstone Limited  
Fortunestown  
Tallaght  
Dublin 24

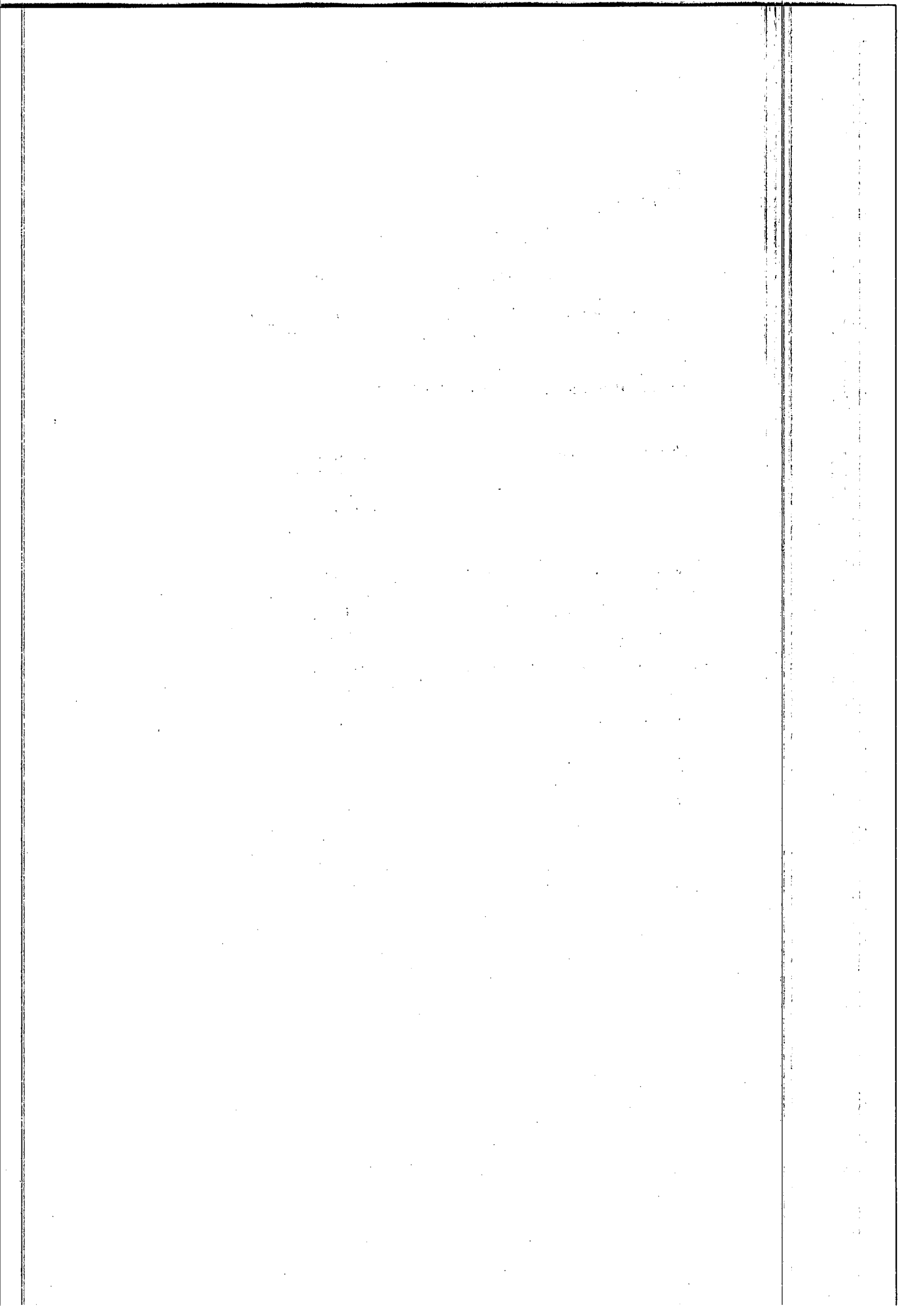
**Name & Location of Facility/ Premises concerned:**

Huntstown Inert Waste Recovery  
Facility, Huntstown Quarry, Finglas,  
Dublin 11,

**National grid reference of facility/ Premises**

3109 2420

*Note:* The class or classes of activity concerned in this application are detailed on the reverse.

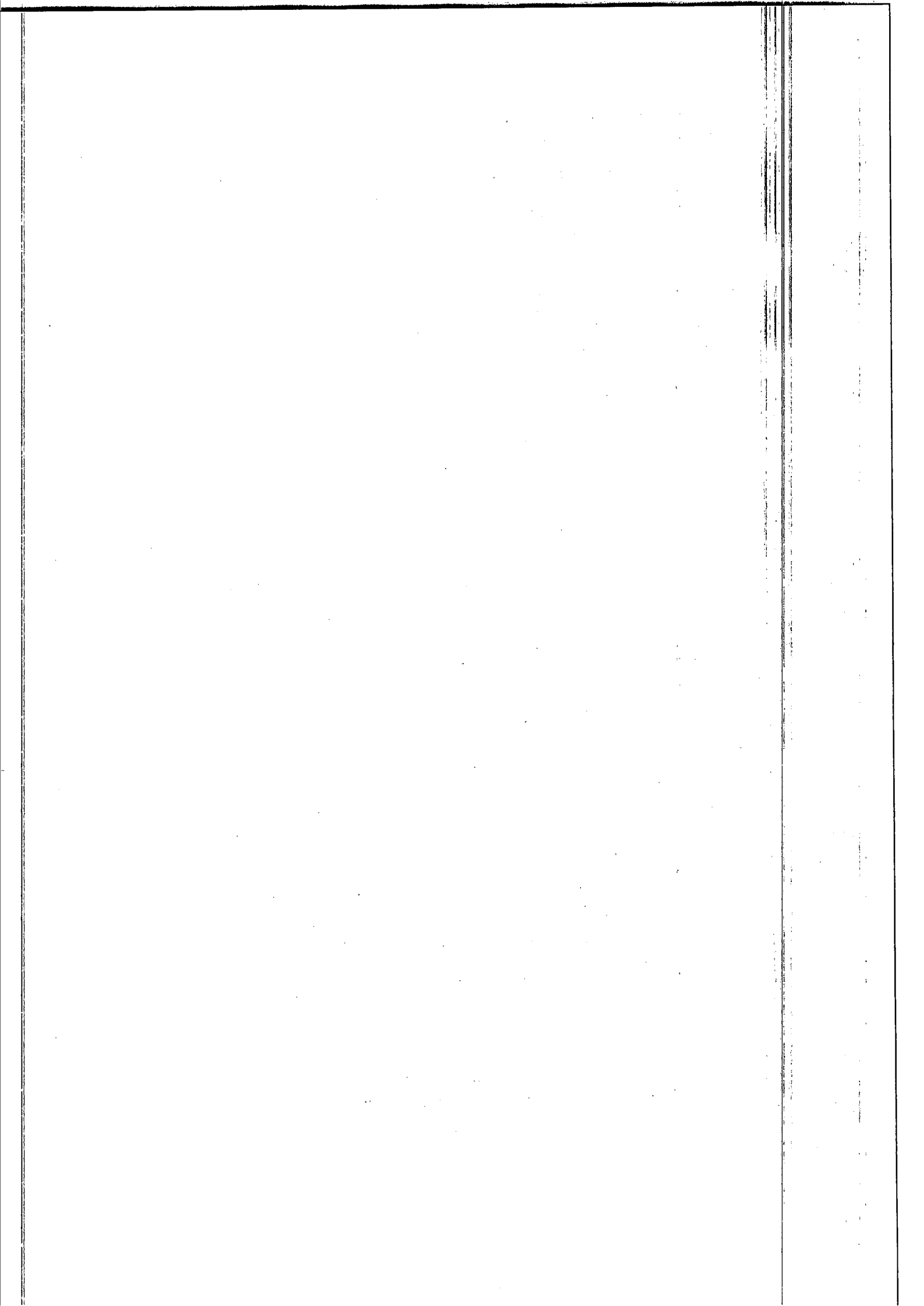


re: **Waste Licence Review Application** Reg No: W0277-02, made by Roadstone Limited, Fortunestown, Tallaght, Dublin 24, in respect of a facility/ premises at Huntstown Quarry, Finglas, Dublin 11, . The class or classes of activity concerned in the above referenced waste licence application as of 10 November 2016, in accordance with the Third and Fourth Schedules to the Waste Management Act 1996 as amended, are as follows (see the description of these activities below):

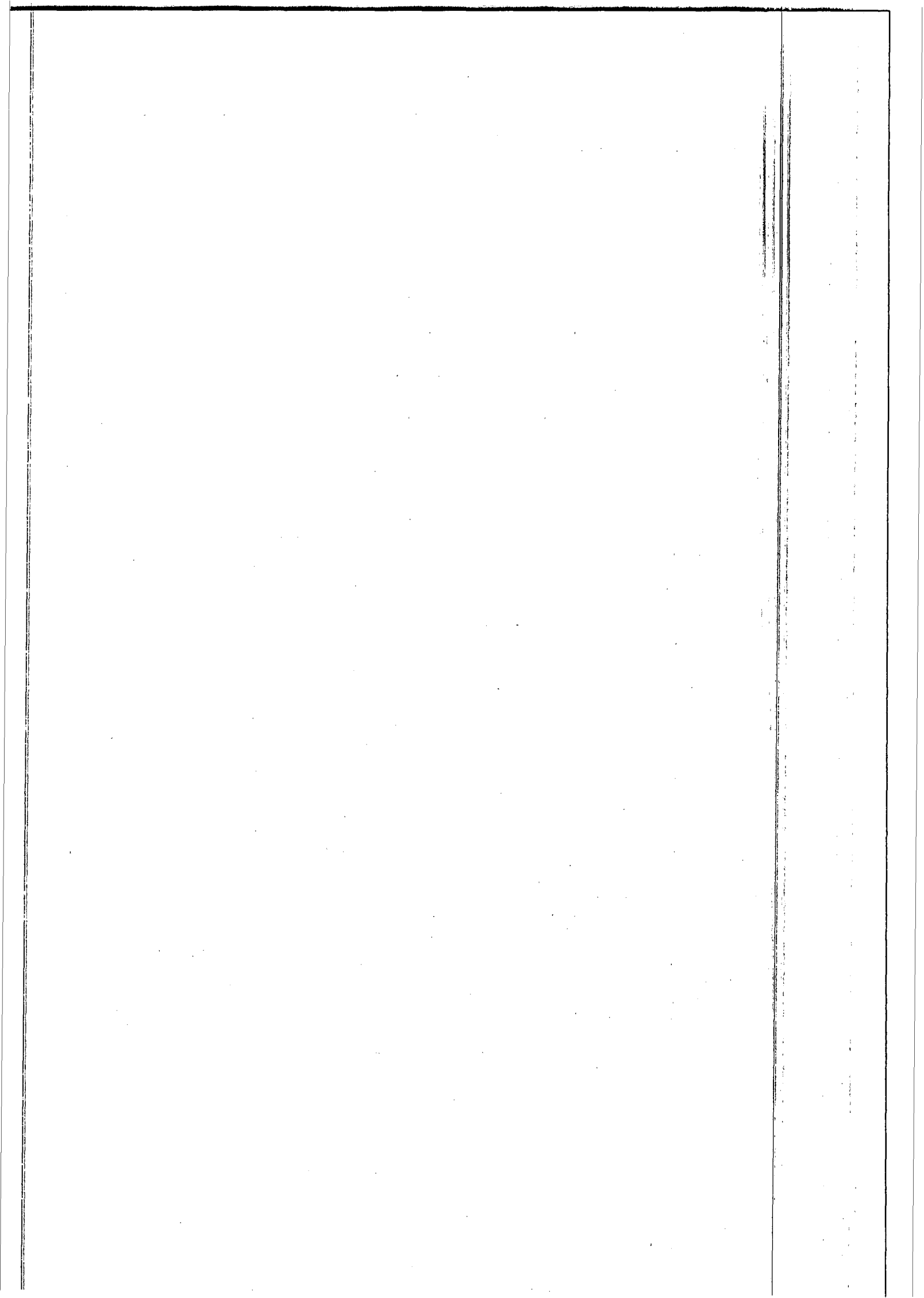
*Fourth Schedule Class/es: R3, R5, R13*

The applicant has specified the following as the principal activity: R.5/

<b>THIRD SCHEDULE</b>
<b><i>Waste Disposal Activities</i></b>
<u>D 1</u> Deposit into or on to land (e.g. landfill, etc.)
<u>D 2</u> Land treatment (e.g. biodegradation of liquid or sludgy discards in soils, etc.)
<u>D 3</u> Deep injection (e.g. injection of pumpable discards into wells, salt domes or naturally occurring repositories, etc.)
<u>D 4</u> Surface impoundment (e.g. placement of liquid or sludgy discards into pits, ponds or lagoons, etc.)
<u>D 5</u> Specially engineered landfill (e.g. placement into lined discrete cells which are capped and isolated from one another and the environment, etc.)
<u>D 6</u> Release into a water body except seas/oceans
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<u>D 8</u> Biological treatment not specified elsewhere in this Schedule which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12
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<u>D 15</u> Storage pending any of the operations numbered D 1 to D 14 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced).
<b>FOURTH SCHEDULE</b>
<b><i>Waste Recovery Activities</i></b>



<p><u>R 1</u> Use principally as a fuel or other means to generate energy: This includes incineration facilities dedicated to the processing of municipal solid waste only where their energy efficiency is equal to or above -</p> <ul style="list-style-type: none"> <li>- 0.60 for installations in operation and permitted in accordance with applicable Community acts before 1 January 2009,</li> <li>- 0.65 for installations permitted after 31 December 2008.</li> </ul> <p>using the following formula, applied in accordance with the reference document on Best Available Techniques for Waste Incineration:</p> $\text{Energy efficiency} = (E_p - (E_f + E_i)) / (0.97 \times (E_w + E_f))$ <p>where -</p> <ul style="list-style-type: none"> <li>'E<sub>p</sub>' means annual energy produced as heat or electricity calculated with energy in the form of electricity being multiplied by 2.6 and heat produced for commercial use multiplied by 1.1(GJ/year),</li> <li>'E<sub>f</sub>' means annual energy input to the system from fuels contributing to the production of steam (GJ/year),</li> <li>'E<sub>w</sub>' means annual energy contained in the treated waste calculated using the net calorific value of the waste (GJ/year),</li> <li>'E<sub>i</sub>' means annual energy imported excluding E<sub>w</sub> and E<sub>f</sub>(GJ/year),</li> <li>'0.97' is a factor accounting for energy losses due to bottom ash and radiation.</li> </ul>
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Environmental Protection Agency  
An Ghníomhaireacht um Chaomhnú Comhshaoil

Health & Safety Authority  
chemicals@hsa.ie  
For the attention of Alice Doherty/Tara Horigan

Headquarters, PO Box 3000  
Johnstown Castle Estate  
County Wexford, Ireland  
Y35 W821

Ceanncheathrú, Bosca Poist 3000  
Eastát Chaisleán Bhaile Sheáin  
Contae Loch Garman, Éire  
Y35 W821

10 November, 2016

W0277 - 02

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E: info@epa.ie  
W: www.epa.ie

LoCall: 1890 33 55 99

Dear Sir/Madam,

In accordance with Article 18(1) of the Waste Management (Licensing) Regulations, I am to inform you of the receipt on 8 November, 2016, of documentation relating to a waste licence review application from Roadstone Limited in relation to a facility/premises located at Huntstown Inert Waste Recovery Facility Huntstown Quarry, Finglas, Dublin 11. This application has been assigned register number W0277-02. Further details in relation to the application are supplied on the accompanying attachment.

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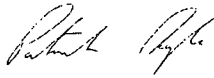
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If you have no comments to make in relation to this application, there is no requirement for you to reply to this letter.

Yours sincerely,



---

Patrick Doyle  
Programme Officer  
Environmental Licensing Programme  
Office of Environmental Sustainability



An Ghníomhaireacht um Chaomhnú Comhshaoil

## Waste Management Licensing

Details of Review Application, in accordance with Article 18(2) of the Waste Management (Licensing) Regulations, as of 10 November 2016.

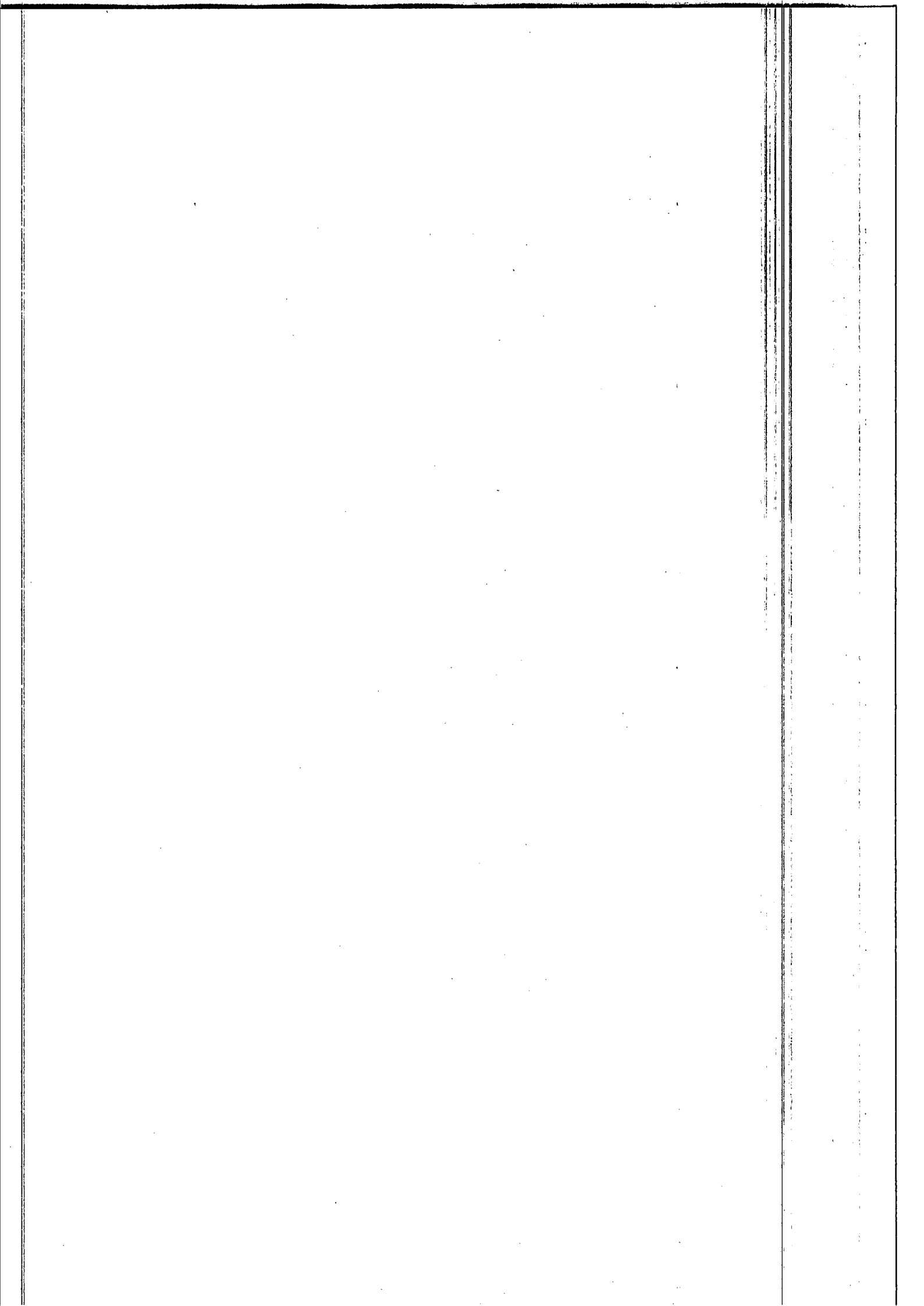
**Application Reference/ Register No.:** W0277-02

**Applicant Name/ Address:** Roadstone Limited  
Fortunestown  
Tallaght  
Dublin 24

**Name & Location of Facility/ Premises concerned:** Huntstown Inert Waste Recovery Facility, Huntstown Quarry, Finglas, Dublin 11,

**National grid reference of facility/ Premises** 3109 2420

*Note:* The class or classes of activity concerned in this application are detailed on the reverse.

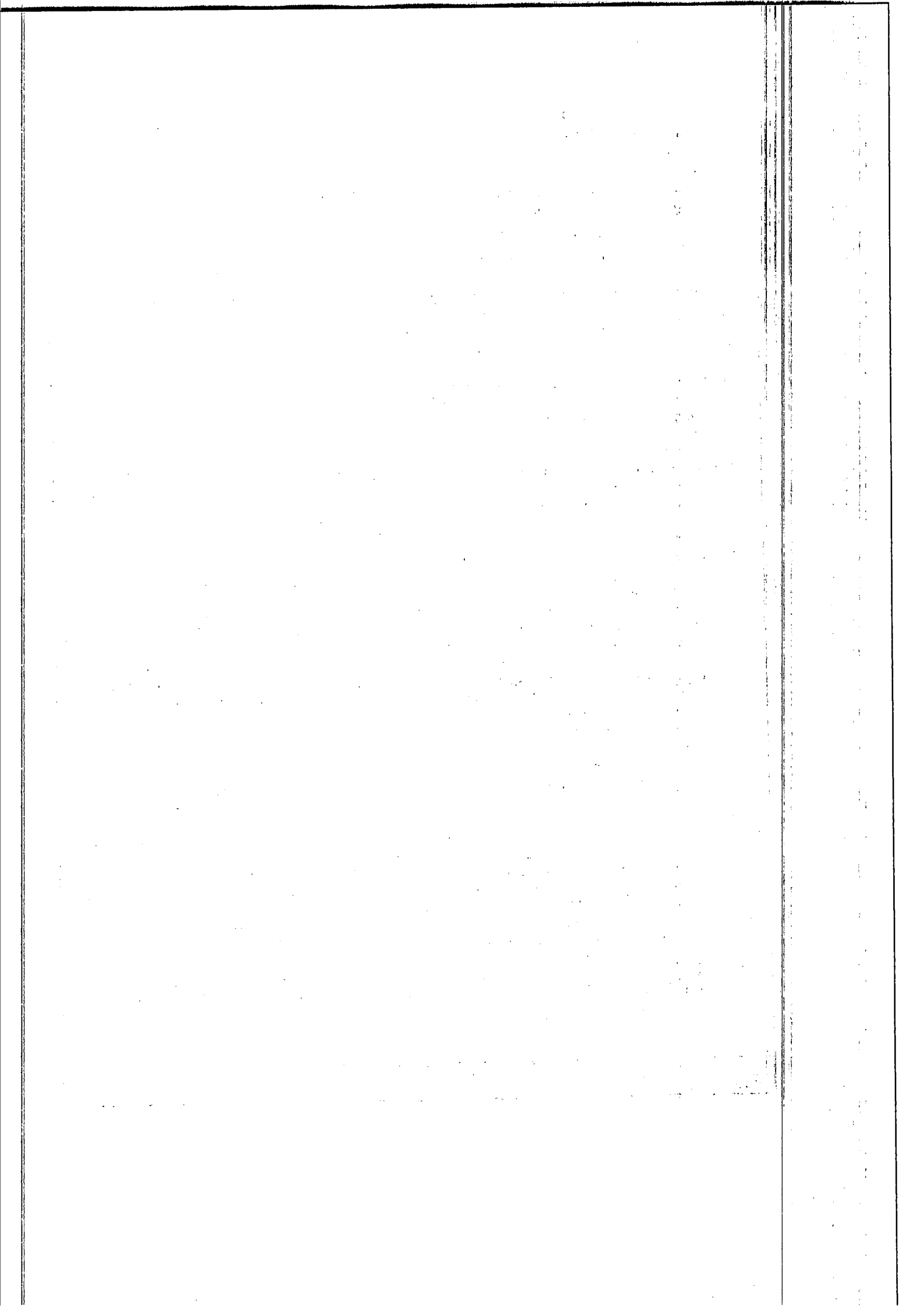


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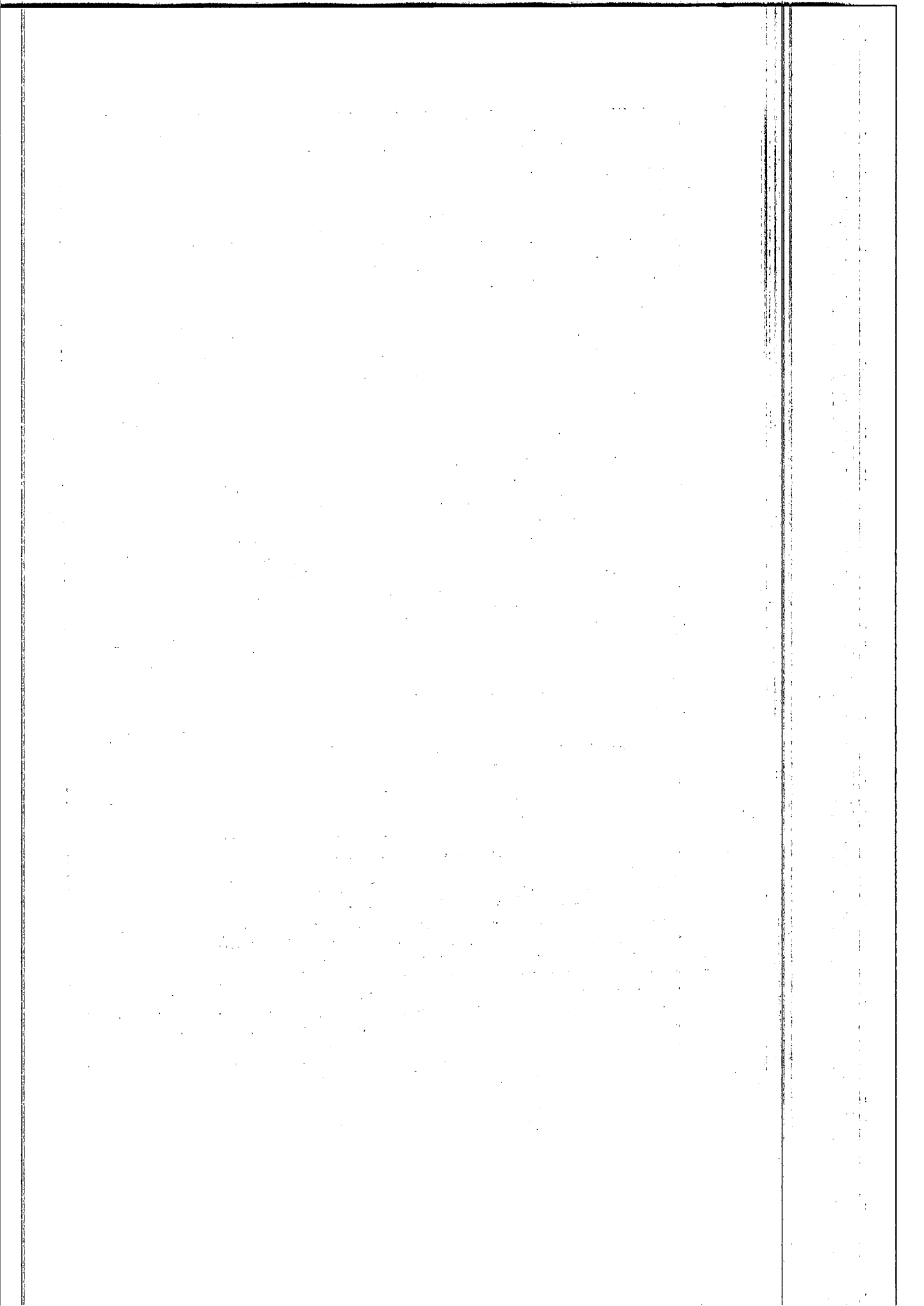
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Environmental Protection Agency  
An Ghníomhaireacht um Chaomhnú Comhshaoil

Dr. Greg Forde  
River Basin District Director  
Inland Fisheries Ireland  
3044 Lake Drive  
City West Business Campus  
Dublin 24  
Attn: Dr Greg Forde

Headquarters, PO Box 3000  
Johnstown Castle Estate  
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W: [www.epa.ie](http://www.epa.ie)

LoCall: 1890 33 55 99

10 November, 2016

W0277 - 02

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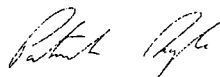


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**If you have no comments to make in relation to this application, there is no requirement for you to reply to this letter.**

Yours sincerely,



---

Patrick Doyle  
Programme Officer  
Environmental Licensing Programme  
Office of Environmental Sustainability



An Ghníomhaireacht um Chaomhnú Comhshaoil

## Waste Management Licensing

Details of Review Application, in accordance with Article 18(2) of the Waste Management (Licensing) Regulations, as of 10 November 2016.

**Application Reference/ Register No.:** W0277-02

**Applicant Name/ Address:**

Roadstone Limited  
Fortunestown  
Tallaght  
Dublin 24

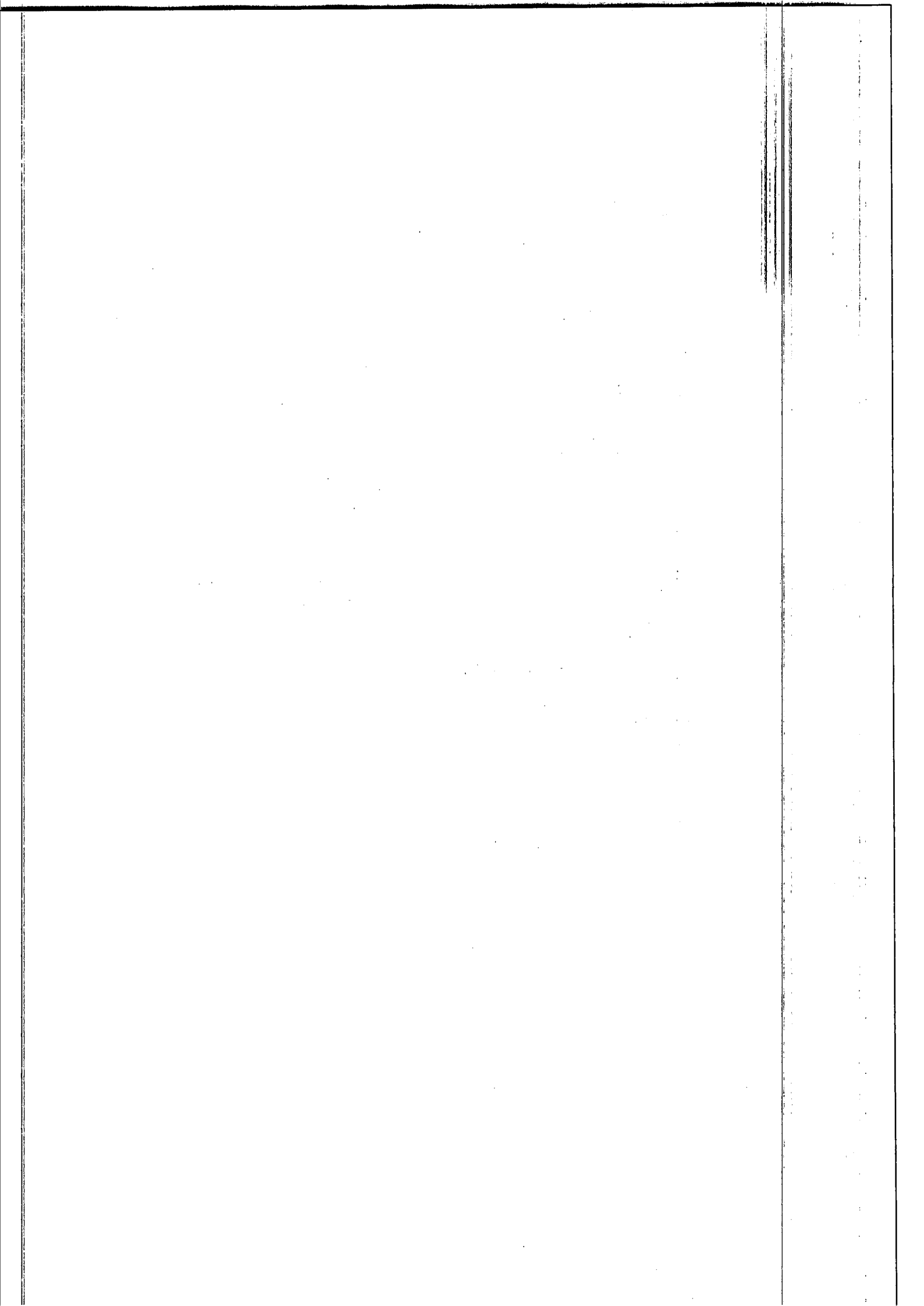
**Name & Location of Facility/ Premises concerned:**

Huntstown Inert Waste Recovery  
Facility, Huntstown Quarry, Finglas,  
Dublin 11,

**National grid reference of facility/ Premises**

3109 2420

*Note:* The class or classes of activity concerned in this application are detailed on the reverse.

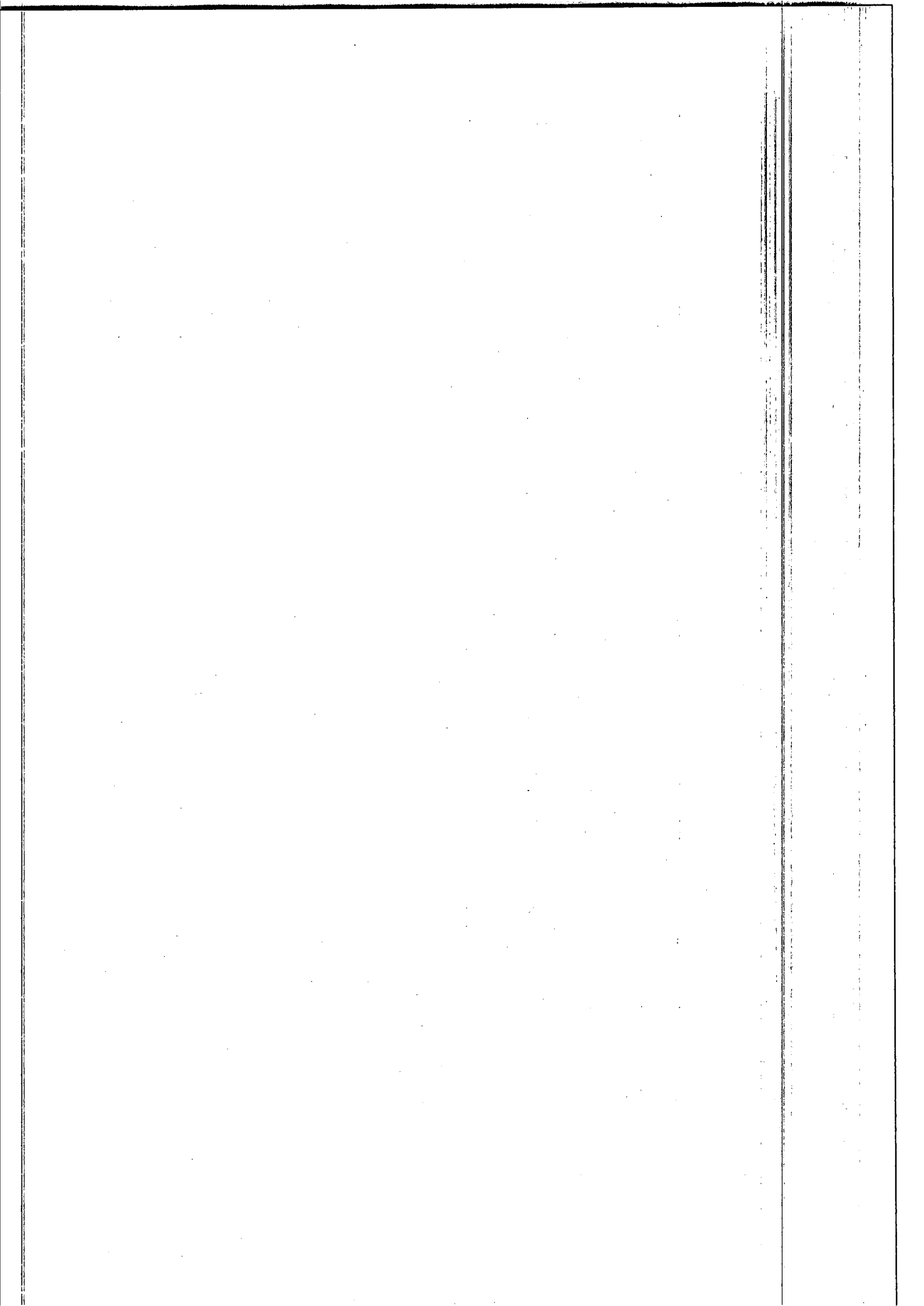


re: **Waste Licence Review Application** Reg No: W0277-02, made by Roadstone Limited, Fortunestown, Tallaght, Dublin 24, in respect of a facility/ premises at Huntstown Quarry, Finglas, Dublin 11, . The class or classes of activity concerned in the above referenced waste licence application as of 10 November 2016, in accordance with the Third and Fourth Schedules to the Waste Management Act 1996 as amended, are as follows (see the description of these activities below):

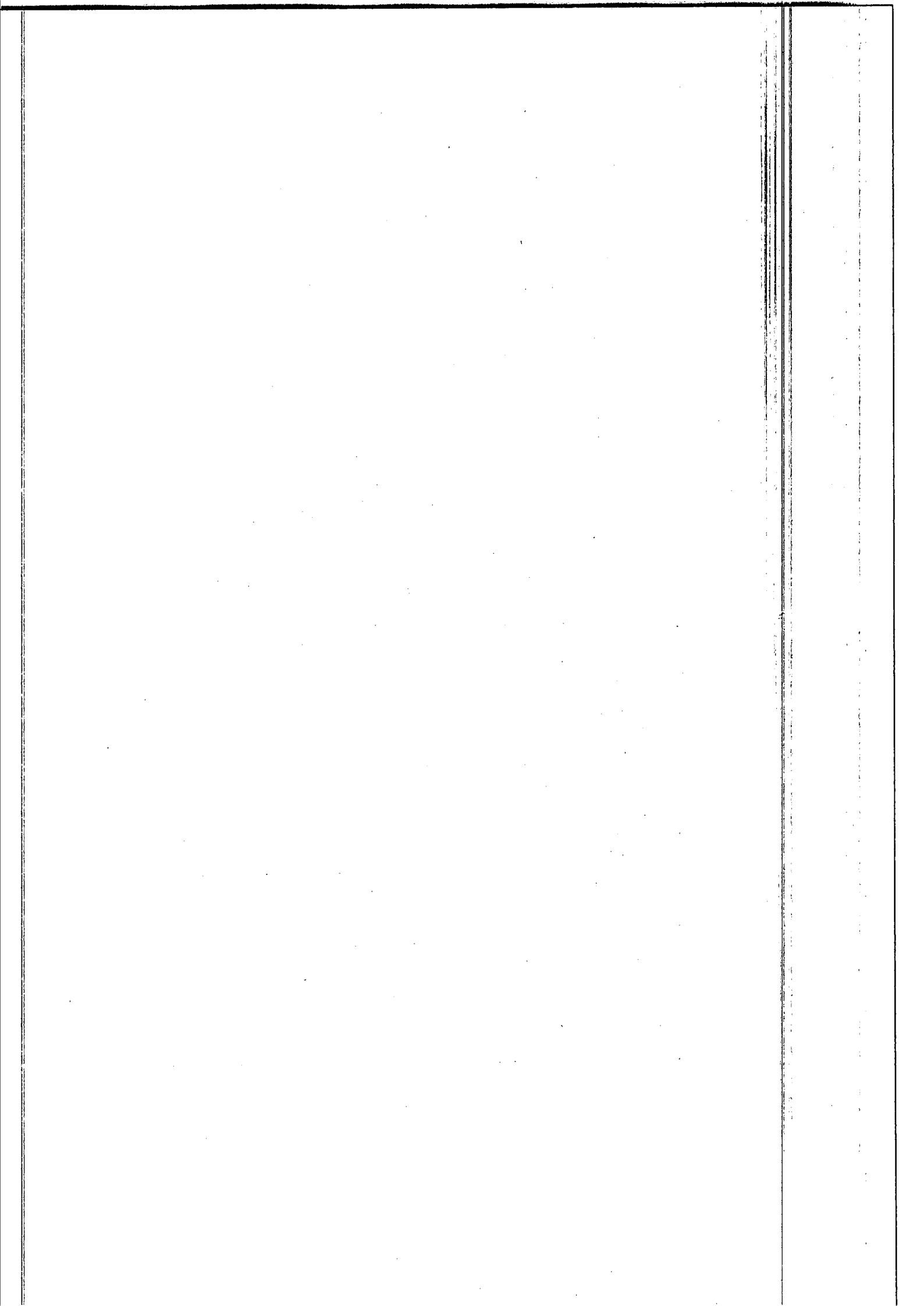
*Fourth Schedule Class/es: R3, R5, R13*

The applicant has specified the following as the principal activity: R.5/

<b>THIRD SCHEDULE</b>
<b><i>Waste Disposal Activities</i></b>
<u>D 1</u> Deposit into or on to land (e.g. landfill, etc.)
<u>D 2</u> Land treatment (e.g. biodegradation of liquid or sludgy discards in soils, etc.)
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<u>D 4</u> Surface impoundment (e.g. placement of liquid or sludgy discards into pits, ponds or lagoons, etc.)
<u>D 5</u> Specially engineered landfill (e.g. placement into lined discrete cells which are capped and isolated from one another and the environment, etc.)
<u>D 6</u> Release into a water body except seas/oceans
<u>D 7</u> Release to seas/oceans including sea-bed insertion
<u>D 8</u> Biological treatment not specified elsewhere in this Schedule which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12
<u>D 9</u> Physico-chemical treatment not specified elsewhere in this Schedule which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12 (e.g. evaporation, drying, calcination, etc.)
<u>D 10</u> Incineration on land
<u>D 11</u> Incineration at sea (this operation is prohibited by EU legislation and international conventions)
<u>D 12</u> Permanent storage (e.g. emplacement of containers in a mine, etc.)
<u>D 13</u> Blending or mixing prior to submission to any of the operations numbered D 1 to D 12 (if there is not other D code appropriate, this can include preliminary operations prior to disposal including pre-processing such as, amongst others, sorting, crushing, compacting, pelletising, drying, shredding, conditioning or separating prior to submission to any of the operations numbered D1 to D12)
<u>D 14</u> Repackaging prior to submission to any of the operations numbered D 1 to D 13
<u>D 15</u> Storage pending any of the operations numbered D 1 to D 14 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced).
<b>FOURTH SCHEDULE</b>
<b><i>Waste Recovery Activities</i></b>



<p><u>R 1</u> Use principally as a fuel or other means to generate energy: This includes incineration facilities dedicated to the processing of municipal solid waste only where their energy efficiency is equal to or above -</p> <ul style="list-style-type: none"> <li>- 0.60 for installations in operation and permitted in accordance with applicable Community acts before 1 January 2009,</li> <li>- 0.65 for installations permitted after 31 December 2008.</li> </ul> <p>using the following formula, applied in accordance with the reference document on Best Available Techniques for Waste Incineration:</p> $\text{Energy efficiency} = (E_p - (E_f + E_i)) / (0.97 \times (E_w + E_f))$ <p>where -</p> <ul style="list-style-type: none"> <li>·E<sub>p</sub>· means annual energy produced as heat or electricity calculated with energy in the form of electricity being multiplied by 2.6 and heat produced for commercial use multiplied by 1.1(GJ/year),</li> <li>·E<sub>f</sub>· means annual energy input to the system from fuels contributing to the production of steam (GJ/year),</li> <li>·E<sub>w</sub>· means annual energy contained in the treated waste calculated using the net calorific value of the waste (GJ/year),</li> <li>·E<sub>i</sub>· means annual energy imported excluding E<sub>w</sub> and E<sub>f</sub>(GJ/year),</li> <li>·0.97· is a factor accounting for energy losses due to bottom ash and radiation.</li> </ul>
<p><u>R 2</u> Solvent reclamation/regeneration</p>
<p><u>R 3</u> Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes), which includes gasification and pyrolysis using the components as chemicals</p>
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<p><u>R 5</u> Recycling/reclamation of other inorganic materials, which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials</p>
<p><u>R 6</u> Regeneration of acids or bases</p>
<p><u>R 7</u> Recovery of components used for pollution abatement</p>
<p><u>R 8</u> Recovery of components from catalysts</p>
<p><u>R 9</u> Oil re-refining or other reuses of oil</p>
<p><u>R 10</u> Land treatment resulting in benefit to agriculture or ecological improvement</p>
<p><u>R 11</u> Use of waste obtained from any of the operations numbered R 1 to R 10</p>
<p><u>R 12</u> Exchange of waste for submission to any of the operations numbered R 1 to R 11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as, amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)</p>
<p><u>R 13</u> Storage of waste pending any of the operations numbered R 1 to R 12 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced)</p>





Mr Paddy Browne  
Head of Crops, Environment & Land Use  
Teagasc  
Johnstown Castle Research Centre  
Johnstown Castle Estate  
County Wexford  
Attention: Mr Paddy Browne

Headquarters, PO Box 3000  
Johnstown Castle Estate  
County Wexford, Ireland  
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W: [www.epa.ie](http://www.epa.ie)

LoCall: 1890 33 55 99

10 November, 2016

W0277 - 02

Dear Mr Browne,

In accordance with Article 18(1) of the Waste Management (Licensing) Regulations, I am to inform you of the receipt on 8 November, 2016, of documentation relating to a waste licence review application from Roadstone Limited in relation to a facility/premises located at Huntstown Inert Waste Recovery Facility Huntstown Quarry, Finglas, Dublin 11. This application has been assigned register number W0277-02. Further details in relation to the application are supplied on the accompanying attachment.

In accordance with Article 18(3) of the above Regulations, a copy of the Environmental Impact Statement (EIS) submitted with this application and is available for viewing on the Agencies website – [www.epa.ie](http://www.epa.ie).

I am to advise you that any person may make a submission to the Agency, in writing, in respect of the review, pursuant to Article 15 of the Regulations, which provides as follows:

Extract from the Waste Management (Licensing) Regulations

Submissions to the Agency regarding applications.

15. For the purpose of Section 40(2)(b) of the Acts, a person may make a written submission to the Agency in relation to -
- (i) an application, and
  - (ii) such plans, documents and other information and particulars, including an environmental impact statement, as are submitted by the applicant in accordance with Articles 12, 13, 14 and 16,
- and the Agency shall not give notice of a proposed decision under Section 42(2) of the Acts before the expiry of a period of one month following the date of a relevant -
- (kk) acknowledgement in accordance with Article 14(2)(a), or
  - (ll) notice in accordance with Article 16(2)(a), or
  - (mm) acknowledgement in accordance with Article 16(4),
- whichever such date is the later.

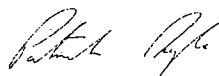
The application, (EIS if relevant) and associated correspondence, including the acknowledgements and notifications referred to in Article 15, are available to view on the Agency Website at [www.epa.ie/licensing](http://www.epa.ie/licensing).

The Agency will have regard to any submission made in accordance with the Regulations and will write, in due course, to each person who makes such a submission, to advise them of the Agency's proposed decision on the review.

In accordance with Article 22(1)(b) of the review in due course.

**If you have no comments to make in relation to this application, there is no requirement for you to reply to this letter.**

Yours sincerely,



---

Patrick Doyle  
Programme Officer  
Environmental Licensing Programme  
Office of Environmental Sustainability



An Ghníomhaireacht um Chaomhnú Comhshaoil

## Waste Management Licensing

Details of Review Application, in accordance with Article 18(2) of the Waste Management (Licensing) Regulations, as of 10 November 2016.

**Application Reference/ Register No.:** W0277-02

**Applicant Name/ Address:**

Roadstone Limited  
Fortunestown  
Tallaght  
Dublin 24

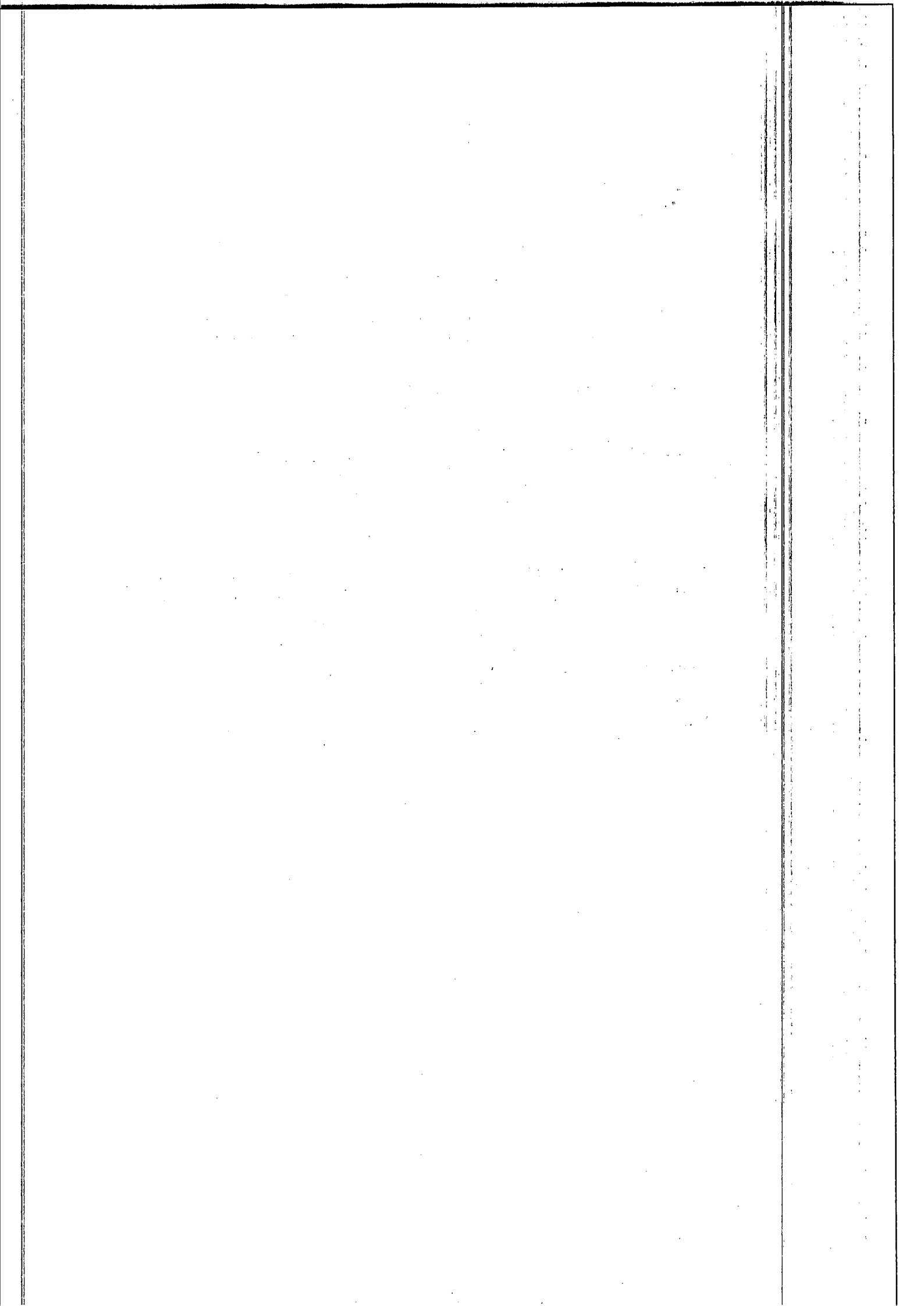
**Name & Location of Facility/ Premises concerned:**

Huntstown Inert Waste Recovery  
Facility, Huntstown Quarry, Finglas,  
Dublin 11,

**National grid reference of facility/ Premises**

3109 2420

*Note:* The class or classes of activity concerned in this application are detailed on the reverse.

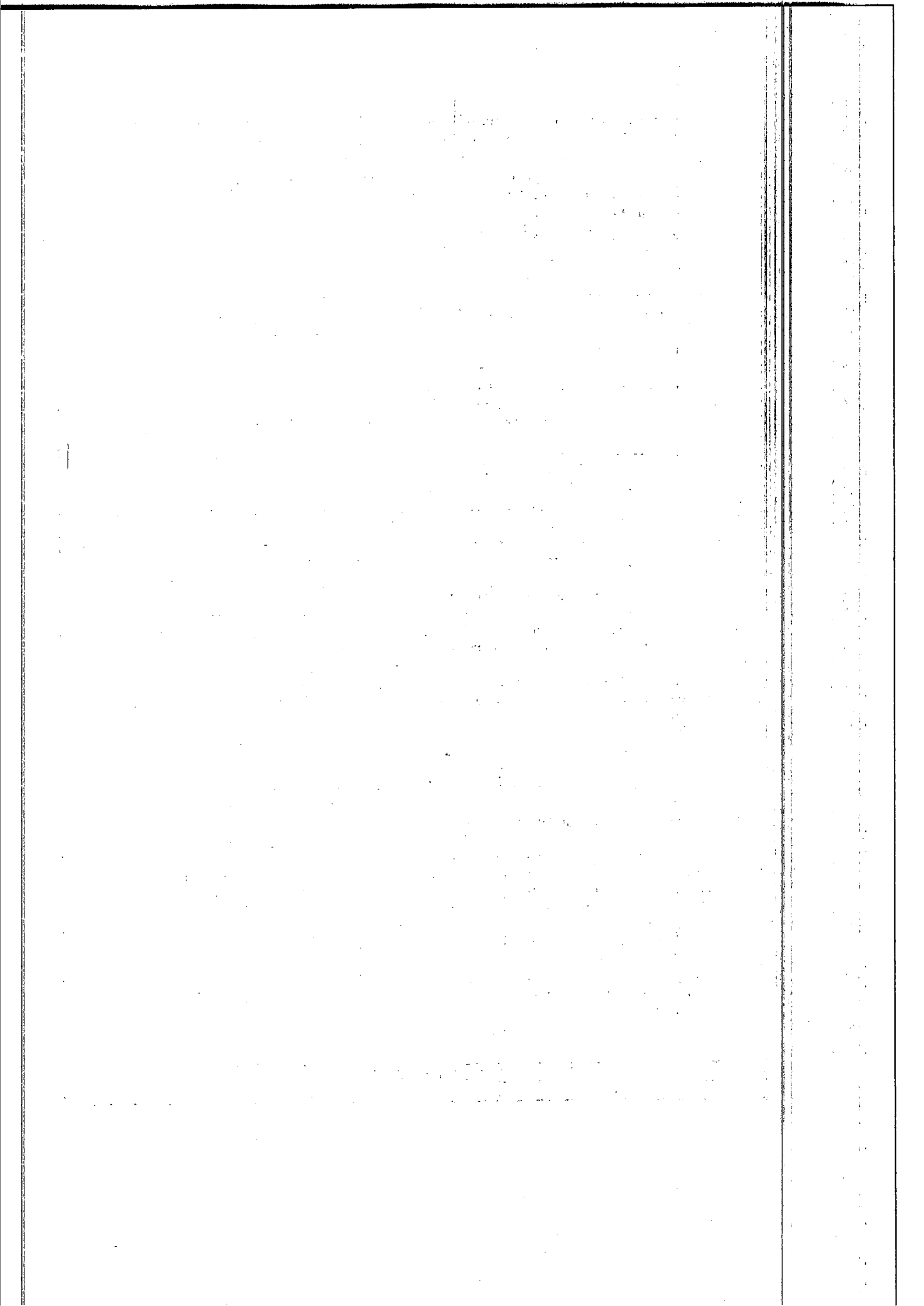


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