



Headquarters
P.O. Box 3000
Johnstown Castle Estate
County Wexford
Ireland

TECHNICAL AMENDMENT C
TO
INDUSTRIAL EMISSIONS LICENCE

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| Licence Register Number: | W0167-03 |
| Company Registration Number: | 59667 |
| Licensee: | Indaver Ireland Limited |
| Location of Installation: | Carranstown Duleek County Meath |

Reasons for the Decision

The Environmental Protection Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of Licence Reg. No. W0167-03 granted on 2 June 2015, and amended on 21 June 2016 and 30 May 2017 as well as any amendments noted herein, any emissions from the activity will comply with and not contravene any of the requirements of Section 83(5) of the Environmental Protection Agency Act 1992 as amended.

A screening for Appropriate Assessment was undertaken to assess, in view of best scientific knowledge and the conservation objectives of the site, if the activity, individually or in combination with other plans or projects is likely to have a significant effect on any European Site. In this context, particular attention was paid to the European Site(s) at River Boyne & River Blackwater SAC (002299), River Boyne & River Blackwater SPA (004232), Boyne Estuary SPA (004080), Boyne Coast and Estuary SAC (001957) and River Nanny Estuary and Shore SPA (004158).

The activity is not directly connected with or necessary to the management of any European Site and the Agency considered, for the reasons set out below, that it can be excluded, on the basis of objective information, that the activity, individually or in combination with other plans or projects, will have a significant effect on any European Site and accordingly determined that an Appropriate Assessment of the activity was not required.

It has been determined that the proposed activity, in the context of the whole installation, does not have the potential for significant effects on any European site due to the nature and scale of the waste to energy plant operations and the distance between the installation and the designated sites.

Technical Amendment

In pursuance of the powers conferred on it by Section 96(1)(b) of the Environmental Protection Agency Act 1992 as amended, the Agency amends the licence, granted to Indaver Ireland Limited, 4th Floor, Block 1, West Pier Business Campus, Old Dunleary Road, Dun Laoghaire, County Dublin for an installation located at Carranstown, Duleek, County Meath.

Henceforth, the licence shall be read in conjunction with Amendment A issued on 21 June 2016 and Amendment B issued on 30 May 2017, and the amendments set out below.

This Technical amendment is limited to the following: Schedule A: Limitations

Amendments

Schedule A: Limitations

Amend Schedule A.1 Waste Categories and Quantities for Acceptance for Incineration of the existing licence as follows:

| Waste Type | European Waste Catalogue (EWC) Code | Description | Maximum Quantity (Tonnes per annum) |
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| Non-hazardous Residual Municipal Waste. <small>Note 1</small> | 20 03 01 | Mixed Municipal Waste. | 235,000 |
| | 20 03 02 | Waste from Markets. | |
| | 20 03 03 | Street Cleaning Residues. | |
| | 20 03 07 | Bulky Waste. | |
| | 20 03 99 | Municipal wastes not otherwise specified. | |
| | 19 12 12 | Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 | |
| Commercial & Industrial non-hazardous Waste | 02 01 02, 02 01 03, 02 01 04, 02 01 06, 02 01 07, 02 01 09, 02 01 99, 02 02 02, 02 02 03, 02 02 99, 02 03 02, 02 03 03, 02 03 04, 02 03 99, 02 04 99, 02 05 01, 02 05 99, 02 06 01, 02 06 02, 02 06 99, 02 07 01, 02 07 02, 02 07 03, 02 07 04, 02 07 99 | Wastes from rendering plants, slaughterhouses, veterinarians, farms, horse stables, food factories, warehouse distributors, manufacturers, restaurants. | 50,000 |
| | 03 01 01, 03 01 05, 03 01 99, 03 02 99, 03 03 01, 03 03 07, 03 03 08, 03 03 99 | Wastes from furniture production, carpentry, forestry. | |
| | 04 01 01, 04 01 02, 04 01 05, 04 01 09, 04 01 99, 04 02 09, 04 02 10, 04 02 15, 04 02 17, 04 02 21, 04 02 22, 04 02 99 | Wastes from leather, fur and textile industries. | |
| | 05 01 99, 05 06 99, 05 07 02, 05 07 99 | Wastes from petroleum refining, natural gas purification and pyrolysis of coal. | |
| | 06 01 99, 06 02 99, 06 03 99, 06 04 99, 06 06 03, 06 06 99, 06 07 99, 06 08 99, 06 09 04, 06 09 99, 06 10 99, 06 11 01, 06 11 99, 06 13 03, 06 13 99 | Wastes from inorganic chemical processes. | |
| | 07 01 99, 07 02 13, 07 02 15, 07 02 17, 07 02 99, 07 03 99, 07 04 99, 07 05 14, 07 05 99, 07 06 99, 07 07 99 | Wastes from organic chemical processes. | |

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| | 08 01 12, 08 01 18, 08 01 99, 08 02 01, 08 02 99, 08 03 08, 08 03 13, 08 03 18, 08 03 99, 08 04 10, 08 04 99 | Wastes from paint/varnish/coating/glue manufacturers, painting companies, householders, printers waste, general maintenance contractors. |
| | 09 01 07, 09 01 08, 09 01 10, 09 01 99 | Wastes from photographers, pharmacists, schools and colleges. |
| | 10 01 25, 10 01 99, 10 03 99, 10 04 99, 10 05 99, 10 06 99, 10 07 99, 10 08 99, 10 09 99, 10 10 99, 10 11 99, 10 12 99, 10 13 99 | Wastes from thermal processes. |
| | 11 01 14, 11 01 99, 11 02 03, 11 02 06, 11 02 99, 11 05 99 | Wastes from metal plating, engineering firms. |
| | 12 01 01, 12 01 03, 12 01 05, 12 01 13, 12 01 99 | Wastes from crane companies, jewellers, car manufacturers, engineering firms. |
| | <p style="text-align: center;">Note 2</p> 15 01 01, 15 01 02, 15 01 03, 15 01 04, 15 01 05, 15 01 06, 15 01 07, 15 01 09, 15 02 03 | Packaging wastes from manufacturing companies, schools, hospitals, chemical industry, local authorities, householders. |
| | 16 01 03, 16 01 06, 16 01 15, 16 01 17, 16 01 18, 16 01 19, 16 01 20, 16 01 22, 16 01 99, 16 02 16, 16 03 04, 16 03 06, 16 05 09, 16 07 99, 16 11 02, 16 11 04, 16 11 06 | Wastes from garages, maintenance of vehicles, farming, warehouse distributors, companies who produce a product/batch, e.g. pharmaceutical, chemical, food manufacturing (off-specification products), schools, universities, hospitals. |
| | 18 01 01, 18 01 02, 18 01 04, 18 01 07, 18 01 09, 18 02 01, 18 02 03, 18 02 06, 18 02 08 | Wastes from healthcare/hospitals, universities, veterinarians. |
| | <p style="text-align: center;">Note 2</p> 19 02 03, 19 02 10, 19 02 99, 19 05 01, 19 05 02, 19 05 03, 19 05 99, 19 06 04, 19 06 06, 19 06 99, 19 08 01, 19 08 02, 19 08 09, 19 08 99, 19 09 01, 19 09 04, 19 09 05, 19 09 99, 19 10 01, 19 10 02, 19 10 04, 19 10 06, 19 11 99, 19 12 01, 19 12 02, 19 12 03, 19 12 04, 19 12 05, 19 12 07, 19 12 08, 19 12 10, 19 13 02 | Wastes from waste management facilities, transfer stations, water treatment facilities (e.g. local authorities, pharma industry), mechanical-biological treatment plants, landfills. |

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| | Note 2 | Wastes from waste management facilities, transfer stations, waste collectors, local authorities, septic tank companies. | |
| | 20 01 01, 20 01 08, 20 01 10, 20 01 11, 20 01 25, 20 01 30, 20 01 32, 20 01 38, 20 01 39, 20 01 40, 20 01 41, 20 01 99, 20 02 01, 20 02 03, 20 03 06 | | |
| Sewage & Industrial Sludges | 02 01 01, 02 02 01, 02 02 04, 02 03 01, 02 03 05, 02 04 03, 02 05 02, 02 06 03, 02 07 05, 03 03 02, 03 03 05, 03 03 10, 03 03 11, 04 01 07, 04 02 20, 05 01 10, 05 01 13, 06 05 03, 07 01 12, 07 02 12, 07 03 12, 07 04 12, 07 05 12, 07 06 12, 07 07 12, 08 01 14, 08 01 16, 08 02 02, 08 03 07, 08 03 15, 08 04 12, 08 04 14, 10 01 21, 10 02 15, 10 11 18, 10 12 13, 11 01 10, 12 01 15, 19 02 06, 19 08 05, 19 08 12, 19 08 14, 19 09 02, 19 09 03, 19 09 06, 19 11 06, 19 13 04, 19 13 06, 20 03 04 | Wastes from industrial and municipal wastewater treatment plants, washing and cleaning at commercial and industrial sites. | 20,000 |
| Non-hazardous Aqueous Wastes | 08 01 20, 08 02 03, 08 03 08, 08 04 16, 11 01 12, 16 10 02, 16 10 04, 19 04 04, 19 06 03, 19 06 05, 19 07 03, 19 13 08, 20 01 28 | Wastes from pharmaceutical industry, paint/varnish/coating/glue manufacturers, painting companies, engineering firms, printers waste, general maintenance contractors, metal plating. | 10,000 |
| Construction & Demolition Waste | Notes 2 & 3 | | 50,000 |
| | 17 02 01, 17 02 02, 17 02 03, 17 03 02, 17 05 04, 17 05 08, 17 06 04 | | |
| Hazardous waste | As specified in <i>Schedule A.2 Hazardous Waste Categories And Quantities For Acceptance For Incineration</i> of this licence | As described in <i>Schedule A.2 Hazardous Waste Categories And Quantities For Acceptance For Incineration</i> of this licence | 10,000 |
| Total | | | 235,000 |

Note 1: Household waste (as well as commercial and other waste that, because of its nature or composition, is similar to household waste) that has been pre-sorted or segregated to remove reusable and recyclable materials.

Note 2: Non-contaminated and separately collected recyclable waste shall only be accepted for incineration if agreed in advance by the Agency.

Note 3: While the specified C&D wastes may not have a significant energy content, they may be accepted for incineration to treat and remove organic contamination from non-hazardous bulk inorganic materials.

This Technical amendment shall be cited as Amendment C to the licence.

Sealed by the Seal of the Agency on this the XX day of MMMM, YYYY

PRESENT when the seal of the Agency was affixed hereto

xxxxxxx, Director/Authorised Person