



**Ms Dorota Richards,
Environmental Licensing Programme,
Office of Climate, Licensing & Resource Use
EPA Headquarters,
PO Box 3000,
Johnstown Castle Estate,
Co. Wexford**

Uisce Éireann
Teach Colvill
24-26 Sráid Thalbóid,
Baile Átha Cliath 1
Éire

Irish Water
Colvill House
24-26 Talbot Street
Dublin 1
Ireland

**T: +353 1 89 25000
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www.water.ie**

Reg No: P0057-03

23rd December 2015

Dear Ms Richards,

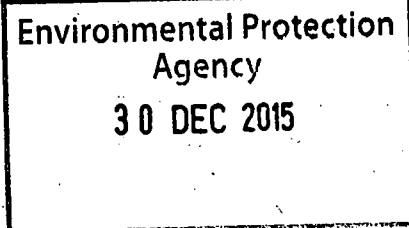
I refer to your letter dated 23rd June 2015 regarding an application from Kingspan Insulation Limited, Bree Industrial Estate, Castleblayney, County Monaghan for an Industrial Emissions Licence review.

Please find attached Irish Water's consent to discharge to sewer subject to the consent conditions attached.

If you have any further query please do not hesitate to contact us.

Yours sincerely

**Mark O Callaghan,
Authorised Signatory**



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IRISH WATER RESPONSE

Irish Water
Colvill House
24/26 Talbot Street
Dublin 1

Environmental Protection
Agency
30 DEC 2015

Name of Facility: Kingspan Insulation Limited

Reg. No: P0057-03

Location Address: 2

Consent granted subject to the consent conditions outlined below.	Yes
Consent granted without conditions.	N/A
Consent refused ^{Note 1} .	N/A

CONSENT CONDITIONS TO BE INCLUDED	
1.	The licensee shall permit authorised persons, of the Agency and Irish Water, to inspect, examine and test, at all reasonable times, any works and apparatus installed in connection with the process effluent and to take samples of the process effluent.
2.	The licensee shall at no time discharge or permit to be discharged into the sewer any liquid matter or thing that is or may be liable to set or congeal at average sewer temperature or is capable of giving off any inflammable or explosive gas or any acid, alkali or other substance in sufficient concentration to cause corrosion to sewer pipes, penstock and sewer fittings or the general integrity of the sewer.
3.	The licensee shall at no time discharge or permit to be discharged into the sewerage system any matter or thing that is capable of presenting any risk to Agency or Irish Water staff or its agents fulfilling any of their duties or causes nuisance odours to arise from the sewer network.
4.	No specified emission to sewer shall exceed the emission limit value or load set out in Schedule B : Emission Limits to Sewer
5.	<p>The licensee shall carry out such sampling, analyses, measurements, examinations, maintenance and calibrations as set out in Schedule C.</p> <p>Representative samples of the final effluent shall be taken by the Licensee and tested for the chemical and physical characteristics conditioned in this licence using standard methods. The frequency of sampling shall be as necessary but shall not be less than frequencies set out in schedule C.</p> <p>The costs of all such tests shall be borne by the Licensee.</p>
6.	Only trade effluent wastewater which is generated within the site boundary as a result of licensed activities shall be permitted to be discharged to the public sewer.

7. The licensee shall provide to Irish Water plans and details in formats outlined below within 6 months of the date of the commencement of licensed activities. These shall include;

- Location of pipes and sewers, manholes, storage tanks, effluent treatment systems.
- Diameter, material, upstream invert level, downstream invert level, condition for all sewers on site.
- Cover level, invert level, chamber dimensions for each manhole on site.
- Details of effluent treatment systems, including dimensions.
- The condition of all sewers and manholes.
- Plans and details of the discharge point to the Irish Water sewer.
- Location and invert level of the discharge point or chamber.
- Details of the discharge chamber including internal dimensions, type of construction, incoming and outgoing pipe diameter, incoming and outgoing pipe material, internal features or devices such as flow control and backdrops.
- The Plan drawings and relevant information shall be provided in ESRI SHP File or AutoCAD DWG format with attributes geo-coordinated to Irish National Grid or Irish Transverse Mercator. All Levels shall be to Malin Head OD. The adopted coordinate system shall be clearly identified.

8. Monitoring and analyses equipment shall be operated and maintained as necessary so that monitoring accurately reflects the emission or discharge.

9. The licensee shall record all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence.

10. The licensee shall provide a proposal to be agreed by Irish water within a month of the date of the commencement of licensed activities as to how it intends to accurately record the volume of effluent discharged to sewer.

11. No emission to sewer shall take place which gives rise to any reaction within the sewer or to the liberation of by-products which may be of environmental significance.

12. The licensee shall ensure that the effluent shall not contain petroleum hydrocarbons or organic solvents (including chlorinated organic solvents) which would give rise to flammable or explosive vapours in the sewer.

13. The discharge shall not contain a concentration of any dangerous substance including any specific pollutant, priority substance or priority hazardous substance as listed in tables 10, 11 and 12 of the European Communities Environmental Objectives (Surface Waters) Regulations, 2009, which could pose a risk to the wastewater collection or treatment system or any surface water.

14. The licensee shall notify Irish Water and the Water Services Section of Monaghan County Council along with the Agency in advance of any changes which may result in a change in the nature, characteristics or volume of the treated wastewater.

15. A summary report of results of analysis of effluent discharged to the sewer with relevant volumes shall be forwarded on a monthly basis to both :

Local Authority Contact : (1) Oliver Mulligan Senior Executive Engineer (2) Bernie O'Flaherty, Executive Scientist

Address: Headquarter County Offices, Monaghan County Council, The Glen, Monaghan, H18 YT50

E-mail: (1) omulligan@monaghancoco.ie, (2) boflaher@monaghancoco.ie

Phone number during Office Hours: (1) 047 30517, (2) 047 30500

Phone number outside of Office Hours:

&

Irish Water: TER@water.ie (TER= Trade Effluent Returns)

16. In the event of any incident which relates to discharge to sewer, having taken place, the licensee shall notify, by telephone and e-mail, the Agency along with both:

Local Authority Contact : (1) Oliver Mulligan Senior Executive Engineer (2) Bernie O'Flaherty, Executive Scientist

Address: Headquarter County Offices, Monaghan County Council, The Glen, Monaghan, H18 YT50

E-mail: (1) omulligan@monaghancoco.ie, (2) boflaher@monaghancoco.ie

Phone number during Office Hours: (1) 047 30517, (2) 047 30500

Phone number outside of Office Hours:

&

Irish Water: TER@water.ie (TER= Trade Effluent Returns)

Phone Number: 1890 278 278

An incident shall be considered to be any discharge which is in breach of emission limits to sewer and/or would constitute a danger to sewer maintenance personnel working in the sewerage system or would be injurious to the construction of the sewer or would interfere with the operations of the downstream wastewater treatment works and supporting infrastructure.

17. Non-trade effluent wastewater (e.g. firewater, accidental spillages) which occurs on site shall not be discharged to the sewer without the prior authorisation of Irish Water.

18. The Licensee shall maintain, or have maintained the on-site effluent treatment systems.

19. Best available technology (BAT) shall be used to prevent, minimise, manage and treat pollutants in the wastewater discharge to sewer

20. Prior to commencement of any discharge from the Thermal Oxidising and Scrubber unit to the public sewer the applicant shall submit a detailed process flow diagram, a plan of the unit and proposed connection point to the sewer, details of the pH control system, and failsafe systems, flow monitoring facility and composite effluent monitoring facility to Irish Water for agreement.

21. A fee shall be payable to Irish Water by the Licensee for any required compliance monitoring outside of scheduled EPA monitoring. This charge covers the cost of sample collection by the Irish Water representative and chemical analysis. Payment is to be made on demand

22. The licensee shall pay to Irish Water a charge in respect of the reception and treatment of the trade effluent discharged to the foul sewer. The charges associated with the Trade effluent discharge will be in accordance with the Local Authorities current charging regime and will remain in place until a Non-Domestic tariff structure has been approved by the Commission for Energy Regulation (CER) and implemented by Irish Water. These charges will be billed for by Monaghan County Council until further notice.

Payment to be made on demand

Limit Values for Process Effluent to Sewer

Schedule B: Emission Limits

Emission Point Reference No.: SE1

Emission to (*sewer description*): SE-1 connecting to public sewer at western boundary of facility

Volume of Trade effluent emitted: Maximum in any one day: 11 m³
Maximum rate per hour: 1 m³

Parameter	Emission Limit Value
	Daily Mean Concentration (mg/l) ^{Note 1}
pH	6-9 pH Units
Temperature	42°C
BOD	400
COD	500
Suspended Solids	400
Total Dissolved Solids	3,000
Chloride	10,000
Sulphate	1,000
Total Nitrogen	50
Total Phosphorus	50
Detergents (as MBAS)	100
Total Metals	10
Total Volatile Organic Compounds ^{Note 2}	1

Note 1. All samples excluding those for pH and temperature shall be collected on a 24 hour flow proportional composite sampling basis.

Frequency of Monitoring Process Effluent to Sewer

Schedule C

Emission Point Reference No.:

Parameter	Monitoring Frequency ^(Note 1)	Analysis Method/Technique
Flow to sewer	Continuous	On-line continuous Flow meter with recorder
Temperature	Continuous	On-line continuous Temperature probe with recorder
pH	Continuous	On-line continuous pH Probe and recorder
BOD	Quarterly	Standard Methods
COD	Monthly	Standard Methods
Suspended Solids	Monthly	Standard Methods
Total Dissolved Solids	Monthly	Standard Methods
Chloride	Weekly ^{Note 2}	Standard Methods
Sulphate	Quarterly	Standard Methods
Total Nitrogen	Quarterly	Standard Methods
Total Phosphorus	Quarterly	Standard Methods
Detergents (as MBAS)v	Quarterly	Standard Methods
Total Metals	Quarterly	Standard Methods
Total Volatile Organic Compounds	Quarterly	Standard Methods

Note 1.

All samples excluding those for pH and temperature shall be collected on a 24 hour flow proportional composite sampling basis.

Note 2.

Chloride shall be monitored on a weekly basis from the date of grant of this licence for a period of three months from the date of commissioning of the Thermal Oxidiser and Scrubber unit. Subsequently it shall be monitored on a monthly basis.

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