

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

CLERICAL AMENDMENT E
TO
INDUSTRIAL EMISSIONS LICENCE

Licence Register Number:	P0207-04
Company Registration Number:	902934
Licensee:	Intel Ireland Limited
Location of Installation:	Collinstown Industrial Park Leixlip County Kildare

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. P0207-04 granted on the 20 December 2013, (and amended on 23 December 2013, 21 July 2014, 22 January 2015, 15 July 2015 and 28 October 2015) 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.

Clerical Amendment

In pursuance of the powers conferred on it by Section 96(1)(a) of the Environmental Protection Agency Act 1992 as amended, the Agency amends the licence, granted to Intel Ireland Limited for an installation located at Collinstown Industrial Park, Leixlip, County Kildare.

Henceforth, the licence shall be read in conjunction with a Section 82A(11) Amendment issued on 23 December 2013 and Amendment A issued on 21 July 2014; Amendment B issued on 22 January 2015, Amendment C issued on 15 July 2015 and Amendment D issued on 28 October 2015 and the amendments set out below.

This clerical amendment is limited to the following:

Amendments

Amended Schedule

Amend Schedule C.3.2 Emissions to Sewer of the existing licence. The amended text is shown in bold as follows:

C.3.2 Monitoring of Emissions to Sewer

Emission Point Reference No.: SE-1

Parameter	Monitoring Frequency	Analysis Method/Technique
Flow	Continuous	On-line flow meter with recorder
Temperature	Continuous	On-line temperature meter with recorder
pH	Continuous	pH electrode/meter and recorder
COD Equivalence	Weekly ^{Note 1}	Standard Method/Conversion Factor <small>Note 6</small>
Inorganic Suspended Solids	Weekly ^{Note 1}	Standard Method
Total Suspended Solids	Weekly ^{Note 1}	Standard Method
Total Dissolved Solids	Weekly ^{Note 1}	Standard Method
Sulphates	Weekly ^{Note 1}	Standard Method
Nitrates (as N)	Weekly ^{Note 1}	Standard Method
Ammonia (as N)	Weekly ^{Note 1}	Standard Method
Total Nitrogen (as N)	Weekly ^{Note 1}	Standard Method
Total Phosphorous (as P)	Weekly ^{Note 1}	Standard Method
Fluoride	Weekly ^{Note 1}	Standard Method
Cyanide	Weekly ^{Note 1}	Standard Method
Arsenic	Weekly ^{Note 1}	Atomic Absorption/ICP
Copper	Weekly ^{Note 1}	Atomic Absorption/ICP
Chromium	Weekly ^{Note 1}	Atomic Absorption/ICP
Nickel	Weekly ^{Note 1}	Atomic Absorption/ICP
Tin	Weekly ^{Note 1}	Atomic Absorption/ICP
Lead	Weekly ^{Note 1}	Atomic Absorption/ICP
Cobalt	Monthly ^{Note 1}	Atomic Absorption/ICP
Total Heavy Metals ^{Note 2}	Weekly ^{Note 1}	Atomic Absorption/ICP
Toxicity ^{Note 3, Note 4}	Annually	To be agreed by the Agency
Organic Compounds ^{Note 5}	Within 12 months of the date of grant of licence and thereafter as agreed by the Agency	GC-FID or GC-MS

Note 1: All samples shall be collected on a 24 hour flow proportional composite sampling basis.

Note 2: The sum of arsenic, chromium, copper, nickel, lead and tin.

Note 3: The number of toxic units (Tu) = 100/x hour EC/LC50 in percentage vol/vol so that higher Tu values reflect greater levels of toxicity. For test regimes where species death is not easily detected, immobilization is considered equivalent to death.

Note 4: With the agreement of the Water Services Authority toxicity testing may be replaced by a Respirometry Assessment. The scope of the assessment shall be agreed by the Agency and the Water Services Authority.

Note 5: Screening for priority pollutant list substances (such as US EPA volatile and/or semi-volatile compounds). This analysis shall include those organic solvents in use in the process, which are likely through normal process operations to be diverted to the waste water streams.


Note 6: The conversion factor and its validation shall be agreed with Irish Water. The conversion factor and validation shall be submitted to the Agency before the 30/09/2015.

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This clerical amendment shall be cited as Amendment E to the licence.

Sealed by the Seal of the Agency on this the 6th day of February, 2017

PRESENT when the seal of the Agency was affixed hereto


Pat Geoghegan, Authorised Person

