

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

TECHNICAL AMENDMENT A TO
INTEGRATED POLLUTION PREVENTION &
CONTROL LICENCE

Licence Register Number:	P0606-03
Licensee:	Endesa Ireland Limited
Location of Installation:	Great Island Generating Station Campile New Ross County Wexford

For inspection purposes only.
Consent of copyright owner required for any other use.



Reasons for the Decision

The Environmental Protection Agency has examined the terms of the Integrated Pollution Prevention and Control Licence (IPPC) Reg. No. P0606-03 granted on 16/03/2011, as required by the provisions of Article 12 of the European Communities Environmental Objectives (Groundwater) Regulations 2010, as amended and determined that the licence can be brought into conformity with the provisions and requirements of said regulations by the exercise of the powers conferred by Section 96(1)(c) of the Environmental Protection Agency Acts 1992 to 2012.

The Environmental Protection Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of Integrated Pollution Prevention and Control (IPPC) licence Reg. No. P0606-03 granted on the 16/03/2011, 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 Acts, 1992 to 2012.

Technical Amendment

In pursuance of the powers conferred on it by Section 96(1) (c) of the Environmental Protection Agency Acts, 1992 to 2012, the Agency amends the licence, granted to Endesa Ireland Limited, Great Island Generating Station, Campile, New Ross, County Wexford for an installation located at Campile, New Ross, County Wexford.

Henceforth, the licence shall be read in conjunction with the amendments set out below.

This technical amendment is limited to the following Conditions and Schedules:

Amendments

Glossary of Terms

Insert terms in Glossary:

Compliance Point The point (location, depth) at which a compliance value should be met. Generally it is represented by a borehole or monitoring well from which representative groundwater samples can be obtained.

Compliance Value The concentration of a substance and associated compliance regime that, when not exceeded at the compliance point, will prevent pollution and/or achieve water quality objectives at the receptor.

Amend term in Glossary:

Incident The following shall constitute as incident for the purposes of this licence:

- (i) an emergency;
- (ii) any emission which does not comply with the requirements of this licence;
- (iii) any exceedance of the daily duty capacity of the waste handling equipment;
- (iv) any trigger level specified in this licence which is attained or exceeded;
- (v) **any compliance value specified in this licence which is attained or exceeded; and,**
- (vi) any indication that environmental pollution has, or may have, taken place.

Amend the Glossary of Terms to include the above.

New Conditions or Amended Conditions

- 1.3 For the purposes of this licence, the installation authorised by this licence is the area of land outlined in colour **blue on Drawing No. GISEPA-120412 submitted by the licensee**. Any reference in this licence to "installation" shall mean the area thus outlined in blue. The licensed activity shall be carried on only within the area outlined.

Amend Condition 1.3 of the licence to read as above.

- 3.12 Groundwater Monitoring Wells
- 3.12.1 The licensee shall maintain the groundwater monitoring wells. All wellheads shall be adequately protected to prevent contamination or physical damage.
- 3.12.2 The licensee shall submit a proposal to the Agency for agreement prior to decommissioning any groundwater monitoring well(s). The proposal shall also include details of the location of the replacement groundwater monitoring well(s).

Replace Condition 3.12 of the licence with the amended condition above.

- 6.17 Groundwater
- Within eighteen months of the date of this technical amendment, the licensee shall, in line with the criteria set out in the *Guidance on the Authorisation of Discharges to Groundwater*, published by the Environmental Protection Agency, review the most relevant hydrogeological assessment report for the installation or where relevant, arrange for an assessment of the installation, by an appropriately qualified consultant/professional, to demonstrate compliance with the European Communities Environmental Objectives (Groundwater) Regulations 2010, as amended. A report on the review or assessment report with recommendations, shall be included in the next AER. Further to the hydrological review or assessment, any actions (including the setting of groundwater compliance values, if appropriate) required to demonstrate compliance with the European Communities Environmental Objectives (Groundwater) Regulations 2010, as amended, shall be implemented before 22nd December 2015.

Insert new Condition 6.17 above into the licence.

Amended Schedules

Emission Point Reference No: SW13-Process Waste Water ^{Note 1}
Name of Receiving Waters: Barrow Estuary
Location: 268951E,114600N
Volume to be emitted: Maximum in any one day: 158m³

Parameter	Emission Limit Value
	mg/l
pH	6-9 -
Temperature	Max 25°C
BOD	20
Suspended Solids	30
Total Dissolved Solids	5,000
Mineral Oil	20
Ammonia (as N)	5
Phosphorous (as P)	5

Note 1: On commencement of commercial operation of new CCGT plant.

Replace the table from Schedule B.2 Emissions to Water above with the amended table below.

Emission Point Reference No: SW13-Process Waste Water
Name of Receiving Waters: Barrow Estuary
Location: 268951E,114600N

Parameter	Emission Limit Value
	mg/l
pH	6-9 -
BOD	20
Suspended Solids	30
Total Dissolved Solids	5,000
Mineral Oil	20
Ammonia (as N)	5
Phosphorous (as P)	5



C.5 Ambient Monitoring

Groundwater Monitoring

Location: BH2, BH3, MW101, MW102, MW103, MW106, MW107, MW200, MW202

Parameter	Monitoring Frequency	Analysis Method/Techniques
pH	Annually	pH electrode/meter
Coliforms	Annually	Standard Method
Vanadium	Annually	Standard Method
Ammonia ^{Note 1}	Annually	Standard Method
Mineral Oil	Annually	Standard Method
Arsenic	Annually	Standard Method
Total Petroleum Hydrocarbons	Annually	Standard Method
Aluminium	Annually	Standard Method
Polyaromatic hydrocarbons	Annually	Standard Method

Note 1: Only relates to BH2, BH3, MW106, MW200 & MW 202

Location: BH5, BH7, BH9 and BH10

Parameter	Monitoring Frequency	Analysis Method/Techniques
pH	Biennially	pH electrode/meter
Ammonia	Biennially	Standard Method
Vanadium	Annually	Standard Method
Lead	Biennially	Standard Method
Chromium	Biennially	Standard Method
Total Petroleum Hydrocarbons	Biennially	Standard Method
Polyaromatic hydrocarbons	Biennially	Standard Method

Replace Schedule C.5 Groundwater Monitoring with the amended Schedule above.

This technical amendment shall be cited as Amendment A to the licence.

Sealed by the Seal of the Agency on this the 4th day of September, 2012

PRESENT when the seal of the Agency was affixed hereto



Mary Turner, Authorised Person

*For inspection purposes only.
Consent of copyright owner required for any other use.*

