

SOUTH DUBLIN COUNTY COUNCIL
COMHAIRLE CONTAE ÁTHA CLIATH THEAS

Halla an Chontae, Tamhlacht,
Baile Átha Cliath 24.
Telefon: 01-4149211
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Environmental Services Department,
County Hall, Tallaght,
Dublin 24.
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Environmental Protection Agency, HQ. P.O. Box 3000, Johnstown Castle Estate, Co. Wexford.	

FACSIMILE TRANSMITTAL SHEET

To: *LIZ LACEY*From: *Patricia O'Reilly*

No. of pages

4

Date

07-01-08

Re.

*EPA - Consent Conditions**BOC Gases Inc Ltd*

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SANITARY AUTHORITY CONSENT CONDITIONS

Section 99E of the Environmental Protection Agency Acts 1992 and 2003

Name of Sanitary Authority: South Dublin County Council

Address: Environmental Services Department,
County Hall,
Town Centre,
Dublin 24.

Name of Facility: BOC Gases Ireland Ltd.,
P.O. Box 201,
Bluebell,
Dublin 12.

IPPC No. PO051-02

Consent granted subject to the consent conditions outlined below	Yes
Consent granted without conditions	
Consent refused	

In respect of discharges or emissions to sewer, the Sanitary Authority requires the conditions indicated by a "Yes" in the right-hand column below, to be included in any waste licence, which the Agency may propose to grant, in respect of the above referenced waste licence application, in accordance with Section 99E of the Environmental Protection Agency Acts 1992 and 2003.

GENERAL CONSENT CONDITIONS	Condition to be included (Yes/No)
1. No specified emission to sewer shall exceed the emission limit value set out in Schedule B Emissions to Sewer, subject to Condition 3 of this licence. There shall be no other emission to sewer of environmental significance.	Yes
2. Monitoring and analyses of each emission to the sewer shall be carried out as specified in Schedule C Monitoring of Emissions to Sewer of this licence.	Yes
3. Monitoring and analyses equipment shall be operated and maintained as necessary so that monitoring accurately reflects the emission or discharge.	Yes

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4. No substance shall be present in such concentrations as would constitute a danger to sewer maintenance personnel working in the sewerage system or would be injurious to the construction of sewer or would interfere with the operations of a downstream wastewater treatment works.	Yes
5. No substance shall be discharged in a manner, or at a concentration which after initial dilution in the receiving waters to which the Sanitary Authority sewage is discharged, causes tainting of fish or shellfish.	Yes
6. The licensee shall permit authorised persons of the Agency and the Sanitary Authority to inspect, examine and test, at all reasonable times, any works and apparatus installed in connection with the trade effluent and to take samples of the trade effluent.	Yes
7. 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.	Yes
8. The licensee shall ensure that the effluent shall not contain petroleum hydrocarbons, volatile organics or organic solvents (including chlorinated organic solvents) which would give rise to flammable or explosive vapours in the sewer.	Yes
9. Trade effluent shall be screened prior to discharge to remove gross solids and avoid blockage in the sewer.	Yes
10. A summary report of the results of analysis of effluent discharged to the sewer shall be forwarded to the sanitary authority on an annual basis.	Yes
11. 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 South Dublin County Council.	Yes
12. The licensee shall at no time discharge or permit to be discharged into the sewer any liquid matter or thing which 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.	Yes

ADDITIONAL GENERAL CONSENT CONDITIONS

(specify if required)

13. The Licensee shall provide and maintain an inspection chamber in a suitable position in connection with each pipe through which the trade effluent is being discharged. Each such inspection chamber or manhole shall be constructed and maintained by the Licensee so as to permit the taking of samples of the discharge.
14. The Licensee shall maintain (or have maintained) the effluent treatment systems to ensure compliance with these licence conditions. A record of plant maintenance operations shall be kept by the Licensee. Details of maintenance, including desludging operations, shall be submitted to South Dublin County Council on an annual basis.
15. The licensee shall submit for approval to South Dublin County Council a programme of works to reduce the rainfall runoff going to the foul sewer within 6 months of the issue of this licence.
16. The Licensee shall maintain a suitable automatic flow recorder, incorporating an integrator/totalizer, for recording all effluent flows. Volumetric records of all trade effluent discharged to the foul sewer shall be kept and shall be sent to the Water Pollution Control Section of South Dublin County Council on a quarterly basis. Certificates of calibration for the meter shall be kept and sent to the Water Pollution Control Section of South Dublin County Council on an annual basis.
17. If there is any change in premises occupier or the premises occupier's legal identity, the Water Pollution Control section of South Dublin County Council shall be notified in writing immediately.
18. An accurate map of the drainage system for the licensed site shall be maintained on site and be available for inspection by Local Authority at any time.

Limit Values for Trade Effluent to Sewer**Schedule B - Emissions to Sewer**

Emission point reference no: SE-4

Emission to (sewer description): Wastewater Discharge to Combined Sewer

Volume to be emitted: Maximum in any one day : 130.0 m³
 _____ Maximum rate per second : 0.012 m³

Parameter (delete parameters which are not applicable)	Emission	Limit Value	Parameter to be limited (Yes/No)
	Daily Mean	Daily Mean	
	Concentration (mg/l)	Loading (kg/day)	
BOD	300	39 (650 P.E.)	Yes
COD	900	117	Yes
Suspended Solids	500	65	Yes
Detergents	100	13	Yes
Reactive Phosphates	100	13	Yes
Sulphates	500	65	Yes
Fats, Oils, Grease	100	13	Yes
pH	6 - 10	-	Yes
Temperature	42 degrees C		Yes

ADDITIONAL PARAMETERS

Zinc (as Zn)	5	0.65	Yes

Frequency of Monitoring Trade Effluent to Sewer**Schedule C - Monitoring of Emissions to Sewer**Emission point reference no: SE-4

Parameter	Monitoring Frequency	Sampling Method/Type (grab, continuous)
Flow to sewer	Continuously	
BOD	Fortnightly	24-hour composite

COD	Fortnightly	24-hour composite
Suspended Solids	Fortnightly	24-hour composite
Detergents	Fortnightly	24-hour composite
Reactive Phosphates	Fortnightly	24-hour composite
Sulphates (as SO ₄)	Fortnightly	24-hour composite
Fats, Oils, Grease	Fortnightly	24-hour composite
Temperature	Daily	Continuous
pH	Daily	Continuous

ADDITIONAL PARAMETERS

(if required)

Zinc (as Zn)	Fortnightly	24-hour composite

SANITARY AUTHORITY CHARGES

1. The licensee shall pay an annual fee of €3800 payable from the date of issue of the license, towards South Dublin County Council's costs of monitoring of the trade effluent.
2. Charging rates for the disposal of trade effluent shall be in accordance with the South Dublin County Council Mogden Formula.
3. For charging purposes the Mogden formula will be used which includes parameters for quality as well as quantity of effluent. Alternative methods for calculating the volume of trade effluent discharged shall be as agreed with the Council.

Charges under sections 1, 2 and 3 are subject to price variation in the future as may be ordered by the Council.

Payment Frequency	Quarterly
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Signed on behalf of Sanitary Authority:

Melie O'Leary