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[Signature]

Comhairle Cathrach  
Bhaile Átha Cliath  
Dublin City Council

Pollution Control,  
Block 1, Floor 4  
Civic Offices,  
Fishamble Street,  
Dublin 8  
Ph: 2222402  
Fax: 2222300

12<sup>th</sup> July 2012.

Environmental Licensing Programme,  
Environmental Protection Agency,  
P.O. Box 3000,  
Johnstown Castle Estate,  
Co. Wexford.

RE: PO 301-02 (Technical Amendment)

Dear Sir/Madam,

I refer to your request for a technical amendment to a Dublin City Council consent (PO301-02) for a discharge of trade effluent to the 900 mm Combined Sewer in Watling Street. A decision has been made on the 11<sup>th</sup> of July 2012 granting the technical amendment.

Yours sincerely,

BRIAN O'REGAN

Brian O'Regan  
Clerical Officer



Comhairle Cathrach  
Bhaile Átha Cliath  
Dublin City Council

**ENVIRONMENTAL PROTECTION AGENCY ACTS , 1992-2011**

**I.P.P.C. LICENCE NO. ( Reg. Ref.): PO301-02 (Technical Amendment)**

**NOTICE TO:**

**Environmental Protection Agency,  
P.O.Box 3000  
Johnstown Castle Estate  
Co. Wexford**

**Dublin City Council, Sanitary Authority**, in exercise of the powers and obligations conferred on it by the Environmental Protection Agency Acts, 1992-2011, hereby agrees to a technical amendment to **consent PO301-02, subject to the conditions stated overleaf.**

**PREMISES:**

**Diageo Ireland  
St. James' Gate Brewery,  
James Street,  
Dublin 8**

**ACTIVITY:**

**Brewing**

**SEWER:**

**900 mm Combined Sewer in Watling Street.(SE-1)**

**SIGNED**

  
**EXECUTIVE MANAGER (ENGINEERING)**

**Dated:**

this 11 day of July 2012

## **TECHNICAL AMENDMENT (1) to IPPC LICENCE P0301-02**

### **SANITARY AUTHORITY RESPONSE**

*Name of Sanitary Authority : Dublin City Council*

*Name of Facility : Diageo Ireland IPPC Register Number: P0301-02*

*Address : St. James's Gate Brewery, James's Street, Dublin.8.*

### **CENTRAL LABORATORY CONSENT CONDITIONS**

<b>GENERAL CONSENT CONDITIONS ( SE-1 )</b>	<b>Condition to be included (Yes/No)</b>
1. No specified emission to sewer shall exceed the emission limit value <u>or load</u> set out in Schedule B : <i>Emission Limits to Sewer</i> . There shall be no other emission to sewer of environmental significance from the site	Yes
2. The Licensee shall carry out such sampling, analyses, measurements, examinations, maintenance and calibrations as set out in <i>Schedule C</i> .	Yes
3. Monitoring and analysis equipment shall be operated and maintained as necessary so that monitoring accurately reflects the emission or discharge.	Yes
4. 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 process effluent and to take samples of the process effluent.	Yes
5. All automatic monitors and samplers shall be functioning at all times (except during maintenance and calibration) when the activities are being carried out unless alternative sampling or monitoring has been agreed in writing by the Agency for a limited period. In the event of the malfunction of any continuous monitor, the licensee shall contact the Agency as soon as practicable, and alternate sampling and monitoring facilities shall be put in place. Prior written agreement for the use of alternative equipment, other than in emergency situations, shall be obtained from the Agency.	Yes
6. The licensee shall record all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence.	Yes
7. The licensee shall provide safe and permanent access to all on-site sampling and monitoring points and off-site points as required by the Agency.	Yes
8. 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
9. In the event of any incident which relates to discharges to sewer, having taken place, the licensee shall notify the Agency, Local Authority and Sanitary Authority as soon as practicable after the incident .	Yes

ADDITIONAL GENERAL CONSENT CONDITIONS	
10.	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 the sewer or would interfere with the operations of the downstream wastewater treatment works.
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.	A summary report of the results of analysis of effluent discharged to the sewer <u>with relevant volumes discharged</u> shall be forwarded to the sanitary authority on an annual basis.
14.	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 Dublin City Council.
15.	A log detailing the usage of all cooling water and boiler water treatment chemicals shall be kept by the Licensee and submitted to Dublin City Council on an annual basis.
16.	Best available technology ( BAT ) for the relevant Class shall be used to prevent, minimise, manage and treat pollutants in the wastewater stream discharging to foul sewer under this consent. The Licensee shall prepare an on-site effluent management strategy for the proposed increased discharge at SE-1, in consultation with the Agency and the Sanitary Authority. This effluent management strategy shall address the reduction and balancing of the daily wastewater hydraulic and organic loading to the sewer.
17.	The Licensee shall maintain, or have maintained the on-site effluent treatment systems.

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## Limit Values for Process Effluent to Sewer

### Schedule B - Emissions to Sewer Limits

Emission point reference no: **SE-1**

Emission to (sewer description): Cookes Lane Culvert

Grid Reference : **314302 E, 234212 N**

Central Laboratory Monitoring Reference : **830-06**

Volume to be emitted: Maximum in any one day : **7,500 m<sup>3</sup>**

Maximum rate per hour : **300 m<sup>3</sup>**

Parameter		Emission	Limit Value	Parameter to be limited (Yes/No)
		<b>Daily Mean</b>	<b>Daily Mean</b>	
		<b>Concentration (mg/l)</b>	<b>Loading (kg/day)</b>	
BOD	Daily Mean	6,000	35,000 (PE = 583,334)	Yes
	Weekly Mean	4,900	22,500 (PE = 375,000)	
	Monthly Mean	4,000	18,750 (PE = 312,500)	
	Annual Mean	3,600	15,000 (PE = 250,000)	
COD	Daily Mean	12,000	70,000	Yes
	Weekly Mean	9,800	45,000	
	Monthly Mean	8,000	37,500	
	Annual Mean	7,200	30,000	
Suspended Solids		1,400	10,500	Yes
pH*		6 - 10	-	Yes
Temperature **		42 degrees C	-	Yes
Sulphate ( as SO <sub>4</sub> )		400	3,000	Yes
Detergents (as MBAS)		100	750	Yes
Fats, Oils, Grease		100	750	Yes

\*No 30 minute pH value shall exceed the daily limit by more than 1 pH unit.

\*\* No temperature shall exceed the daily limit value plus 5 degrees for more than 1.5 hours

#### ADDITIONAL PARAMETERS

Not Required

## Frequency of Monitoring Process Effluent to Sewer

### Schedule C

Emission point reference no: SE-1

Parameter	Monitoring Frequency	Sampling Method/Type (grab, continuous)
Flow to sewer	Continuous	Continuous
Temperature	Continuous	Continuous
pH	Continuous	Continuous
BOD	Weekly	24 hour composite sample
COD	Weekly	24 hour composite sample
Suspended Solids	Weekly	24 hour composite sample
Sulphates (as SO <sub>4</sub> )	Monthly	24 hour composite sample
Detergents (as MBAS)	Monthly	24 hour composite sample
Fats, Oils, Grease	Monthly	24 hour composite sample

### ADDITIONAL PARAMETERS

Ammoniacal N	Monthly	24 hour composite Sample
Total Nitrogen	Monthly	24 hour composite Sample
Total Oxidised Nitrogen	Monthly	24 hour composite Sample
Total Phosphorus	Monthly	24 hour composite Sample

### SANITARY AUTHORITY CHARGES

Charge per cubic metre of trade effluent	
Payment Frequency	
Annual Monitoring Costs	Euro 6,604.00

Signed:

P. O'Connell  
Executive Manager (Engineering)

Dated:

this 11 day of July 2012

Enquiries in connection with this technical amendment should be made to:

The Executive Manager  
Engineering Department  
Civic Offices  
Fishamble Street  
Dublin 8.