



Telephone: 1890 289 389 Website: <http://www.hsa.ie>

Public Information on an upper-tier establishment as required by Regulation 25

Information on upper-tier establishments

All establishments subject to the *COMAH Regulations 2015* have submitted a notification in a standard form to the Authority. This includes information on their location, the hazard categories of the dangerous substances present with an indication of their dangers, emergency action information and sources of additional relevant information.

Additional information has been provided by upper-tier establishments, including details on the possible major accidents arising in the establishment and the action to take in the event of an emergency.

General Duties on Operators

Operators have a general duty to identify all the major accident hazards in their establishment, take all necessary measures to prevent major accidents and to limit the consequences of such accidents to human health and the environment.

Operators of upper-tier establishments are also specifically required to ensure that 'all persons likely to be affected' by a major accident originating at the establishment receive clear and intelligible information on safety measures and on what they should do in the event of a major accident. This information must be directly supplied to all buildings and areas of public use, including schools and hospitals and, in the case of domino groups, to all neighbouring establishments.

Information on emergency plans

Information on external emergency plans may also be available from the Local Authority, the Gardaí and the Health Services Executive.

Public information for an upper-tier establishment

This establishment is subject to the COMAH Regulations 2015 and has submitted a notification to the Authority.

The following information, which has been extracted from the notification, fulfils the requirements of Regulation 25(3)(a).

The date of the most recent COMAH inspection (added by the Central Competent Authority) can also be found in the table below.



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Notification History

BOC Gases Ireland Ltd.

Version	Reason	Date
1.0	Mandatory notification	31/05/2016
2.0	Information Update	29/11/2017
3.0	Information Update	01/11/2018



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Regulation 25 information for BOC Gases Ireland Ltd

Operator Name	Registered Name	BOC Gases Ireland Ltd.
	Trade Name	
Establishment Address	Address	P.O. Box 201, Bluebell, Dublin 12
	County	Dublin
	Eircode	D12PP63
Notification Details	Tier	Upper-tier
	Activity	Other activity (General Chemicals manufacture)
Dangerous Substance information	Hazard Categories / Named Substances	E1 Hazardous to the Aquatic Environment, H1 Acute Toxic Cat. 1, O1 Substances or mixtures with hazard statement EUH014 P2 Flammable gases, P4 Oxidising Gases, P5c Flammable Liquids, Acetylene, Anhydrous Ammonia, Arsine, Boron Trifluoride, Chlorine, Ethylene Oxide, Fluorine, Hydrogen, Hydrogen Chloride, LPG, Oxygen, Petroleum Products, Phosphine
	Dangerous Characteristics / Hazard Statements	EUH014, H220, H221, H226 H270, H300, H330, H331, H400, H411
Emergency Information	How the public will be warned	As we are an upper-tier establishment, we send leaflets to the persons who are likely to be affected, which includes this information. The public who may be affected will be warned by one or more on-site sirens.
	Behaviour to take in event of major accident	As we are an upper-tier establishment, we send leaflets to the persons who are likely to be affected, which includes this information.
	Additional Information	
Inspection	Most recent COMAH Inspection (updated quarterly);	23 rd October 2018

	Where more detailed information on inspection available	More detailed information about the inspection and the related inspection plan can be obtained upon request, subject to the requirements of Regulation 26, from: CCPS unit, Health & Safety Authority, Metropolitan Building, James Joyce Street, Dublin 1.
Information	Where further relevant information available	Further information about this establishment may be obtained, in the first instance, from the operator. www.boconline.ie Subject to Regulation 26 ('Access to information and confidentiality') information may also be available from the Health and Safety Authority, on request, under the Access to Information on the Environment Regulations.



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Nature of major hazards (1)	Nature of major accident	Release of dangerous substances with potential for adverse health effects.
	Potential human health effects	Substantial exposure to toxic chemicals (potentially fatal)
	Potential environmental effects	There are no potential consequences on the environment from the major accident hazards identified.
	Scenario details	Valve shear and subsequent release of toxic gas
	Control measures	Access to the site is strictly controlled. Establishment has on-site response facilities to reduce the impact of an incident. All of the establishment's storage tanks, process vessels, pipe work and control systems are designed and maintained to an appropriate standard to prevent major accidents. Suitable arrangements are in place to prevent or minimise loss of containment of dangerous substances.
	Onsite response	This establishment has prepared an internal emergency plan for major accidents which is tested at least every 3 years, has liaised with the emergency services and agreed on the actions and arrangements to deal with major accidents and minimise their effects.
	Offsite effects/action	A publicly available external emergency plan has been drawn up by the local authority, Gardaí and HSE to respond to any consequences outside this establishment as a result of a major accident. In the unlikely event of a major accident there may be immediate harm from the dangerous substances involved. There may also be disruption arising from the actions of the emergency services e.g. road closures.



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Nature of major hazards (2)	Nature of major accident	Fire and Explosion
	Potential human health effects	Risk of eardrum damage from blast. Injuries caused by projectiles being ejected from the incident site.
	Potential environmental effects	There are no potential consequences on the environment from the major accident hazards identified
	Scenario details	ASU reboiler explosion
	Control measures	Access to the site is strictly controlled. All of the establishment's storage tanks, process vessels, pipe work and control systems are designed and maintained to an appropriate standard to prevent major accidents. Procedures in place to identify and manage deviations from normal operating conditions. Key operating units and storage facilities are fitted with automatic shutdown and isolation systems.
	Onsite response	This establishment has prepared an internal emergency plan for major accidents which is tested at least every 3 years, has liaised with the emergency services and agreed on the actions and arrangements to deal with major accidents and minimise their effects.
Offsite effects/action	A publicly available external emergency plan has been drawn up by the local authority, Gardaí and HSE to respond to any consequences outside this establishment as a result of a major accident. You should cooperate with the instructions of the emergency services.	