



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

Calor Teoranta Tivoli

| Version | Reason | Date |
|---------|------------------------|------------|
| 1.0 | Mandatory notification | 31/05/2016 |
| 2.0 | Information update | 31/01/2019 |
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Regulation 25 information for Calor Teoranta

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| Operator Name | Registered Name | Calor Teoranta |
| | Trade Name | Calor Gas |
| Establishment Address | Address | Tivoli Docks |
| | County | Cork |
| | Eircode | T23YK27 |
| Notification Details | Tier | Upper-tier |
| | Activity | LPG storage |
| Dangerous Substance information | Hazard Categories / Named Substances | E1 Hazardous to the Aquatic Environment, E2 Hazardous to the Aquatic Environment, H2 Acute Toxic Cat. 2, H3 STOT Toxic Cat.1, P2 Flammable gases, P5c Flammable Liquids, LPG (Propane, Butane), Methanol, Petroleum Products (Diesel) |
| | Dangerous Characteristics / Hazard Statements | H220, H225, H301, H331, H370, 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): | 3 rd December 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. |

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| Information | Where further relevant information available | Further information about this establishment may be obtained, in the first instance, from the operator. www.calorgas.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 | Fire and Explosion |
| | Potential human health effects | Potential for burns to body. /Injuries caused by projectiles being ejected from the incident site. |
| | Potential environmental effects | Physical damage to and contamination of unlisted buildings and offsite such as houses, schools, offices, etc. Dangerous substances entering freshwater or estuarine waters and causing harm to the aquatic environment. |
| | Scenario details | Uncontrolled release of LPG which could escalate into BLEVE or VCE depending on release conditions and proximity of ignition source. |
| | Control measures | 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. Detectors are in place to alert staff to any loss of containment. Overpressure prevention systems are in place as necessary. Fail to safe remotely operated isolation valves, automated water deluge system |
| | 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. | |