

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.



An tÚdarás Sláinte agus Sábháilteachta
Health and Safety Authority

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Notification History

Shannon Airport Authority

| Version | Reason | Date |
|---------|------------------------|------------|
| 1.0 | Mandatory notification | 31/05/2016 |
| 2.0 | Information update | 17/07/2018 |
| 3.0 | Information update | 29/09/2020 |
| 4.0 | Information update | 02/03/2023 |
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Regulation 25 information for Shannon Airport Authority

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| Operator Name | Registered Name | Shannon Airport Authority |
| | Trade Name | Shannon Airport Authority |
| Establishment Address | Address | Shannon Airport, Shannon |
| | County | Clare |
| | Eircode | V14 NX04 |
| Notification Details | Tier | Upper-tier |
| | Activity | Fuel storage (including heating, retail sale etc.) |
| Dangerous Substance information | Hazard Categories / Named Substances | E2 Hazardous to the Aquatic Environment, P5c Flammable Liquids, Petroleum Products (Kerosene) |
| | Dangerous Characteristics / Hazard Statements | H226, 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. The golf club, car rental businesses and airport will also be contacted by telephone or other means, and advised to follow the instructions issued under the Regulations. Telephone numbers are included in the site's Emergency Response Plans and also in the call-out procedure. The call-out procedure lists the names and numbers of the people to contact in the event of an emergency at the tank farm. |
| | 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): | 19 th April 2022 |
| | 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.shannonairport.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 Release of dangerous substances with potential for adverse health effects. Release of dangerous substances with potential for adverse health effects. |
| | Potential human health effects | Temporary exposure to smoke from a fire from which generally fit and well people are unlikely to experience long-term health problems. Potential for burns to body. |
| | Potential environmental effects | Dangerous substances contaminating groundwater if containment fails. Dangerous substances entering freshwater or estuarine waters and causing harm to the aquatic environment. |
| | Scenario details | Catastrophic failure of a tank with overtopping of the bund and ignition of the overtopped material. |
| | 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. Containment systems are in place for relevant work areas to minimise the loss of spilled material to the environment. An impermeable bund was installed in 2010 to replace a sloped, earthen bund with a vertical walled, concrete bund. The new bund also has multiple internal bunds walls to sub-divide the bunded area into five intermediary bunds. |
| | 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. |

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| Nature of major hazards (2) | Nature of major accident | Release of dangerous substances with potential for adverse environmental effects. Release of dangerous substances with potential for adverse health effects. |
| | Potential human health effects | Single exposure by inhalation could lead to damage of certain internal organs. |
| | Potential environmental effects | Dangerous substances contaminating groundwater. Dangerous substances entering freshwater or estuarine waters and causing harm to the aquatic environment. |
| | Scenario details | Loss of material from the Pipeline connecting the Jetty to the tank farm or the tank farm to the airport apron. This would lead to a loss of kerosene into an un-bunded area resulting in a significant risk to the environment and to health and safety. This release scenario could be the result of: <ul style="list-style-type: none"> • Failure of the flange or gasket on the pipeline; • Pitting of the pipeline; • Failure of pipeline supports; • Mechanical impact to the pipeline; • Aircraft impact; • Sabotage / Vandalism. |
| | 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. Isolation procedures are in place to prevent or reduce the extent of an incident. Emergency response systems & procedures are in place. Oil spill response strategy and actions are described in the 'Shannon Estuary Oil Spill Contingency Plan'. All product movements are supervised and operators walk the line during transfers. The tank's levels are checked during the transfer operation. Pipeline has been ultrasonically tested. The pipeline has been pressure tested. Visual inspections are carried out periodically of the pipeline supports. Crash barriers along the road to protect transfer line from vehicles. Any works in the vicinity of the pipeline need to be authorised. Underground sections of the line are covered in a protective wrapping. Restricted access to the jetty road by a locked gate. Emergency stop buttons at the airport apron and the tank farm. |
| | 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. |