

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.

Notification History

Colas Bitumen Emulsion (West) Ltd

| Version | Reason | Date |
|---------|------------------------|------------|
| 1.0 | Mandatory notification | 31/05/2016 |
| 2.0 | Information Update | 17/07/2018 |
| 3.0 | Information update | 13/11/2019 |
| 4.0 | Company Name Change | 05/05/2020 |
| 5.0 | Information update | 21/12/2020 |
| 6.0 | Information update | 14/10/2021 |
| 7.0 | Information update | 02/03/2023 |
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Regulation 25 information for Colas Bitumen Emulsion (West) Ltd

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| Operator Name | Registered Name | Colas Bitumen Emulsion (West) Ltd |
| | Trade Name | Colas Bitumen Emulsion (West) Ltd |
| Establishment Address | Address | Oranmore |
| | County | Galway |
| | Eircode | H91 D934 |
| Notification Details | Tier | Upper-tier |
| | Activity | Other activity (General Chemicals manufacture) |
| Dangerous Substance information | Hazard Categories / Named Substances | E1 Hazardous to the Aquatic Environment E2 Hazardous to the Aquatic Environment H1 Acute Toxic Cat. 1 P5c Flammable Liquids P2 Flammable Gases LPG Petroleum Products |
| | Dangerous Characteristics / Hazard Statements | H220 H226 H330 H400 H410 H411 |
| Emergency Information | How the public will be warned | As we are an upper-tier establishment, we send leaflets to the persons likely to be affected, which includes this information. The public who may 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. Information on what to do in the event of a major accident is available at the website listed immediately below. |
| | Additional Information | www.colas.ie |
| Inspection | Most recent COMAH Inspection (updated quarterly): | 28 th August 2023 |
| | 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.coldchon.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 | Breathing air with high concentrations of dangerous substances that could lead to asphyxiation and/or poisoning, which could result in unconsciousness. Substantial exposure to toxic chemicals (potentially fatal). |
| | Potential environmental effects | No effect |
| | Scenario details | Overfill of bulk storage and loss of containment to bunded area, Leak from bulk storage tank to bunded area, Catastrophic tank failure with bund overtopping, road tanker overturn onsite, tanker offloading and pulls away and hose leaks, tanker pipe and guillotine failure, , Leak from manifold in production area leading to pool formation in production |
| | Control measures | Emergency response systems & procedures are in place. Establishment has an automatic fire alarm system connected to a central monitoring station and/or the fire service. 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. |
| | 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 health effects. |
| | Potential human health effects | Airborne material that can cause burning of the eyes and, if inhaled the throat, coughing or breathing difficulties. Potential for burns to body. |
| | Potential environmental effects | No Effect |
| | Scenario details | Hydrochloric Acid loss of containment through bulk tank overfill, leak from bulk tank, loss of containment to bunded area and dispersal of toxic material. Catastrophic failure of bulk tank, bund overtopping and pool formation, evaporation and dispersion of toxic HCl vapour |
| | 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. Emergency response systems & procedures are in place. |
| | 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 (3) | Nature of major accident | Release of dangerous substances with potential for adverse environmental effects. |
| | Potential human health effects | No Effect |
| | Potential environmental effects | Dangerous substances entering freshwater or estuarine waters and causing harm to the aquatic environment. Dangerous substances contaminating groundwater if containment fails. |
| | Scenario details | Overfill of bulk storage and loss of containment to bunded area, Leak from bulk storage tank to bunded area, Catastrophic tank failure with bund overtopping, road tanker overturn onsite, tanker offloading and pulls away and hose leaks, tanker pipe and guillotine failure, , Leak from manifold in production area leading to pool formation in production |
| | Control measures | A manual surface water isolation valve is present on site Emergency response systems & procedures are in place. Establishment has an automatic fire alarm system connected to a central monitoring station and/or the fire service. 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. |
| | 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 (4) | Nature of major accident | Fire |
| | 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. |
| | Scenario details | Overfill of storage tank leading to loss of containment and pool formation in bunded area Leak from a bulk storage tank to bunded area leading to pool formation |
| | Control measures | A manual surface water isolation valve is present on site. Emergency response systems & procedures are in place. Establishment has an automatic fire alarm system connected to a central monitoring station and/or the fire service. All of the establishment's storage tanks, process vessels, pipework and control systems are designed and maintained to an appropriate standard to prevent major accidents. |
| | 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 (5) | 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 | No effect |
| | Scenario details | LPG leak, ignition and fire/jet fire, Pipe Rupture, direct ignition and jet fire, PRD leak, direct/delayed ignition and jet fire or VCE tank rupture, BLEVE and fireball |
| | Control measures | A manual surface water isolation valve is present on site. Emergency response systems & procedures are in place. Establishment has an automatic fire alarm system connected to a central monitoring station and/or the fire service. All of the establishment's storage tanks, process vessels, pipework and control systems are designed and maintained to an appropriate standard to prevent major accidents. |
| | 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. |