

ATTACHMENT J: ACCIDENT PREVENTION AND EMERGENCY RESPONSE

J.1: ACCIDENT PREVENTION

All equipment and procedures used at the transfer station are designed to minimise the possibility of accidents. The effectiveness of these procedures is demonstrated in the fact that to date no accidents or incidents have occurred on site (See Attachment I.1.4). Work is underway to register the facility under ISO 18000, the Health and Safety Standard. As part of this work a full review of all procedures to minimise the risk of accidents occurring will be undertaken.

The new fuel blending facility will introduce a higher possibility of an accident leading to the possibility of pollution of the environment. A full Hazards and Operations Review (HazOp), moderated by an independent engineer will be undertaken before any material is received into the facility.

The design of the facility has had safety as a priority. In situations where a major incident could occur 2 or 3 tiers of accident protection are employed. For example, in the proposed fuel blending facility there are 3 tiers of protection against overfilling the tanks:

1. A calculation is made based on the amount to be transferred and the void volume of the tank.
2. Each tank is equipped with a level gauge.
3. Each tank is equipped with a high level switch, which will automatically alarm and stop the transfer.

(See Attachment D.1.2 for more details)

J.2: EMERGENCY RESPONSE

The procedures listed in Table J.2 have been drawn up and approved by the Agency for emergency response. The Cork County Fire Officer was consulted about them and has reviewed them.

TABLE J.2: EMERGENCY PROCEDURES

| | | |
|--------|------------------------------------|-------|
| SW 313 | Spillage procedure | 11/03 |
| SW 314 | Fire procedure | 01/02 |
| SW 324 | Emergency procedures – contractors | 01/02 |
| SW 325 | Emergency procedures – drivers | 01/02 |
| SW 326 | Chlorine emergency | 01/02 |
| SW 327 | Asbestos emergency | 01/02 |
| SW 340 | Drivers off-site emergency | 07/04 |
| SW 342 | Off-site spillage emergency | 08/01 |
| SW 409 | Emergency response | 01/02 |
| SW 425 | Emergency control board | 08/00 |

Procedures SW 313, 314, 409 and 425 will be revised internally reviewed by the County Fire Officer and approved by the agency before the fuel blending facility will be used.

Emergency response drills are carried out periodically for both on and off site emergencies.

See **Attachment I.2 section I.2.8** for more information about response to emergencies in the fuel blending facility.

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