

Potential Sources	Emissions to air. (2.2.4)	Emissions to Water, Sewer & Groundwater (2.2.5)	BAT	Ford Control Procedures	Ford Control Description
Open Vessels	All drums, totes & tanks are sealed. The number of open vessels is limited as they are sealed whilst stored on the site. Bunding is located in the storage area, spill kits are located around the storage areas to minimise the impact of any spills.	The number of open vessels is limited as they are sealed whilst stored on the site. Bunding is located in the storage area, spill kits are located around the storage areas to minimise the impact of any spills.	Covering skips & vessels, avoidance of outdoor or uncovered stockpiles, regular housekeeping	LH-E-ERP; ENERGY & BUILDING MANAGEMENT SYSTEM	Environmental Emergency Response Plan; Boiler house operations; Boiler control system & mimic panels.
Gas Leaks	The flow of gas is monitored on site by the Operators. There are also meters controlling the flow from the gas sub-station. Preventative maintenance is carried out on pipework to ensure no emissions.	N/A		EOP06-004; LH-E-ERP; LH-E-W-13.2; ENERGY & BUILDING MANAGEMENT SYSTEM	Environmental regulatory and other requirements; Environmental Emergency Response Plan Visual, emission, noise & odour complaints log at security; monitoring of gas boilers; Boiler control system & mimic panels.
VOC's from gas-oil tank bund	The gas-oil tank is integrity tested and preventative maintenance is carried out in order to minimise the emissions.	N/A	Minimised by good combustion control. Identify the main chemical constituents of the emissions.	FA03-015 ENERGY & BUILDING MANAGEMENT SYSTEM	Monitoring, measuring & testing ; Boiler house operations. Boiler control system & mimic panels. Visual, emission, noise & odour complaints log at security.
Bins	Waste that could potentially release emissions to air is sealed in drums until removal to the general waste storage area. The site's waste collectors remove all waste on a daily basis.	N/A	Covering skips & vessels, avoidance of outdoor or uncovered stockpiles, regular housekeeping	LH-E-09	Waste Management
Storage & Waste Areas	All containers are sealed & stored in an area away from vehicular movement.	Storage areas are located internally and protected from vehicular movement by bunds and low-level containment walls. Spill kits are located in storage & waste storage areas.		LH-E-ERP	Environmental Emergency Response Plan
Loading/unloading of transport containers	Measures are in place in order to minimise the potential release of emissions to air.	Drain covers are used to contain any spills from entering the surface water drains. Spill kits are located in areas where loading & unloading is carried out.	In general, there should be no permitted releases to groundwater of either a direct or indirect nature.	EOP06-009 LH-E-ERP	Proper handling of bulk tanker material Environmental Emergency Response Plan
Pipework & ductwork systems	All pipework & tanks are sealed. Preventative maintenance is carried out to ensure no emissions.	N/A		LH-E-W-13 ; MAXIMO JOB PLANS ENERGY & BUILDING MANAGEMENT SYSTEM	Monitoring of electricity panel, gas boilers, oil boilers, compressors, air driers, energy management system ; Maximo job plans. Boiler house operations. Boiler control system & mimic panels.
Potential for bypass of abatements equipment	All pipework & tanks are sealed. Preventative maintenance is carried out to ensure no emissions.	N/A		LH-E-W-13 ; MAXIMO JOB PLANS ENERGY & BUILDING MANAGEMENT SYSTEM	Monitoring of electricity panel, gas boilers, oil boilers, compressors, air driers, energy management system ; Maximo job plans. Boiler house operations. Boiler control system & mimic panels.
Accidental loss of containment from failed plant & equipment	Preventative maintenance is carried out to ensure no emissions.	N/A		LH-E-W-13 ; MAXIMO JOB PLANS ENERGY & BUILDING MANAGEMENT SYSTEM	Monitoring of electricity panel, gas boilers, oil boilers, compressors, air driers, energy management system ; Maximo job plans. Boiler house operations. Boiler control system & mimic panels.
Above ground storage tanks	N/A	The gas-oil storage tank is located away from vehicular movement. It is fully bunded to more than 110% capacity. There is a lockable valve on the outlet pipe, which allows flow of bund water to the interceptor.	All above-ground tanks containing liquids whose spillage could be harmful to the environment should be bunded.	MAXIMO JOB PLANS; LH-E-ERP	Maximo job plans ; Level alarm fitted to Gas Oil storage tank. Rainwater from bunded area is diverted to the on-site water treatment plant. Environmental Emergency Response Plan
Blow down pit	N/A	There is a vent pipe used for venting any potential explosive materials that may enter the blow down pit. The concrete tank is integrity tested and located underground.		MAXIMO JOB PLANS; LH-E-ERP	Maximo job plans ; Environmental Emergency Response Plan
Dust	All drums, totes & tanks are sealed. The number of open vessels is limited as they are sealed whilst stored on the site.	Any dust that may enter the surface water will be separated out in the interceptor.	Covering skips & vessels, avoidance of outdoor or uncovered stockpiles, regular housekeeping	MAXIMO JOB PLANS; LH-E-ERP	Maximo job plans ; Air Pollution Prevention ; Environmental Emergency Response Plan
Decanting of waste	N/A	Spill kits are located in areas that prevent any potential explosive materials from entering the River Ewenny.		LH-E-ERP	Environmental Emergency Response Plan
Surface water drains	N/A	All drains run to an interceptor before discharging to the River Ewenny.	In general, there should be no permitted releases to groundwater of either a direct or indirect nature.	LH-E-ERP ; PERMIT TO WORK SYSTEM	Environmental Emergency Response Plan ; Drain marking & drainage plan; Draining down of HPHW and chilled water.
Foul sewer drains	N/A	Blow down water overflow and waste water from the interceptor, discharges to the foul sewers before discharging to the Ogmere Sewage Treatment Works.	In general, there should be no permitted releases to groundwater of either a direct or indirect nature.	LH-E-ERP ; PERMIT TO WORK SYSTEM	Environmental Emergency Response Plan ; Drain marking & drainage plan; Draining down of HPHW and chilled water.

Note: No fugitive emissions during previous 12 months