

Area	Relevant System	Substance (s)	Relevant Hazardous Substance	Relevant Activity	Potential for Pollution from the Relevant Activity	Records of Pollution	1. Records of Pollution (where improvements have not subsequently been made)	2. Existence of pollution prevention measures	Nature of Primary Containment	Testing and Inspection of Primary Containment	Nature of Secondary Containment	Testing and Inspection of Secondary Containment	Nature of Tertiary Containment	Testing and Inspection of Tertiary Containment	3. Adequacy of Pollution Prevention Measures? (YES/NO)	4. Are the proposed integrity testing of pollution prevention measures	5. Is there an adequate documented management system to demonstrate operator management and competence with	Little Likelihood of Pollution?
Generator House	Fuel for back-up generator	Oil, Diesel	Yes	Delivery by drums to installation. Approximately 300L of diesel stored in the drum store at one time. Deliveries will be infrequent as the emergency generator will be operated for less than 50 hours per year.	Spillage from road vehicle on installation roads entering road drainage	No significant spills or leaks recorded	No	Yes	Road vehicle - site speed limit to minimise risk of accidents	The vehicles used to deliver fuel / oil are operated by a third party who assume responsibility for vehicle integrity until the fuel oil is offloaded. All delivery operations supervised by Agilent personnel.	Surfaced roadways with containment kerbs. Spill procedure in place to direct the clean up of any spills.	Informal visual inspections during normal operation plus documented annual inspections. Defect reporting using a computerised system.	Storm water drainage in the northern portion of site incorporates an underground attenuation tank to hold any surface water in the event of spillages.	Informal CCTV inspections undertaken as required. No routine CCTV inspection programme is in place.	Yes	Yes	Yes	✓
				Offloading	Leakage or spillage resulting in release to ground	No significant spills or leaks recorded	No	Yes	Drum	All deliveries are supervised by Agilent personnel and can be ceased immediately on identification of leakage.	Surfaced roadways (asphalt (not impermeable) and concrete) with containment kerbs. Spill procedure in place to direct the clean up of any spills.	Informal visual inspections during normal operation plus documented annual inspections. Defect reporting using a computerised system.			Yes	Yes	Yes	✓
				Storage of diesel in drum store	Failure of containment leading to spillage to land	No significant spills or leaks recorded	No	Yes	Drum	Drums are subject to informal daily visual inspections with any notable defects reported immediately.	The drum store comprises bunded stillages with 110% capacity for use as secondary containment. The drum store is also bunded to CIRIA 736 standard which acts as tertiary containment.	Informal visual inspections during normal operation plus documented annual inspections. Defects reported using a computerised system.	The drum store comprises a concrete bund with 12.5m3 capacity as tertiary containment. Following recent repairs, this bund is considered to be CIRIA 736 compliant.	For the storm water drainage system: Informal CCTV inspections undertaken as required. No routine CCTV inspection programme is in place.	Yes	Yes	Yes	✓
				Transfer of diesel from 205L drum to emergency generator belly tank.	Failure of containment leading to spillage to land	No significant spills or leaks recorded	No	Yes	Drum	Forklift trucks or manual pump trucks used to transfer chemicals will be operated by trained Agilent personnel.	Diesel is transferred via a pump with drip trays used as secondary containment.	Informal visual inspections during normal operation plus integrity inspections. Defects reported using a computerised system.	Storm water drainage in the northern portion of site incorporates an underground attenuation tank to hold any surface water in the event of spillages.		Yes	Yes	Yes	✓
				Storage in 80L belly tank of emergency generator.	Failure of containment leading to spillage to land	No significant spills or leaks recorded	No	Yes	Fuel contained in belly tank of emergency generator (80L capacity).	Daily visual inspections during normal operations plus routine weekly testing. Defects reported using the computerised system.	Generator House is indoors and comprises a concrete perimeter bund.	Daily visual inspections during normal operations plus routine weekly inspections during emergency generator testing. No current programme for integrity testing of the perimeter bund. Defect reporting using a computerised system.			Yes	Yes	Yes	✓

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Drum Store	Chemical Storage Outdoors - Undercover	Chemical 2 Chemical 15 Chemical 16 Chemical 17 Chemical 18 Waste solvent	Yes	Delivery by road to installation	Spillage from delivery vehicle on installation roads entering road drainage	No significant spills or leaks recorded	No	Yes	Road vehicles Drums stored upright and secured to delivery vehicle. Site speed limit to minimise risk of accidents	Vehicles used to deliver chemicals will be operated by a third party who assume responsibility for vehicle integrity until the chemicals are offloaded. Drums are subject to informal daily visual inspections with any notable defects reported immediately.	Surfaced roadways with containment kerbs. Spill procedure in place to direct the clean up of any spills.	Informal visual inspections during normal operation plus documented annual inspections. Defects reported using a computerised system.	The drum store comprises a concrete bund with 12.5m ³ capacity as tertiary containment. Following recent repairs, this bund is considered to be CIRIA 736 compliant. Storm water drainage in the northern portion of site incorporates an underground attenuation tank to hold any surface water in the event of spillages.	Informal CCTV inspections undertaken as required. No routine CCTV inspection programme is in place.	Yes	Yes	Yes	✓
				Offloading	Spillage from delivery vehicle on installation roads entering road drainage	No significant spills or leaks recorded	No	Yes	200 litre drums. Road vehicles deliver 200 litre raw chemical drums or collect 200 litre diluted waste solvent drums. Overfilling of the area avoided through inventory management to ensure orders and deliveries are only made when ullage is available in the drum store. Pre offloading check for available drum store capacity.	Vehicles used to deliver chemicals will be operated by a third party who assume responsibility for vehicle integrity until the chemicals are offloaded.	When chemicals are received by the site they are offloaded in an areas of impermeable concrete then moved into the drum store. The chemicals are then booked into a computerised system.	Informal visual inspections during normal operation plus documented annual inspections. Defect reporting using a computerised system.		Yes	Yes	Yes	✓	
				Storage	Failure of containment leading to spillage to land	No significant spills or leaks recorded	No	Yes	200 litre drums	Drums are subject to informal daily visual inspections with any notable defects reported immediately.	The drum store comprises banded stillages with 110% capacity for use as secondary containment. The drum store is also banded to CIRIA 736 standard which acts as tertiary containment.	Informal visual inspections during normal operation plus integrity inspections. Defects reported using a computerised system.		Yes	Yes	Yes	✓	
				Transfer of chemicals to and from production buildings	Failure of containment leading to spillage to land	No significant spills or leaks recorded	No	Yes	200 litre drums	Forklift trucks or manual pump trucks used to transfer chemicals and waste solvent will be operated by trained Agilent personnel.	Surfaced roadways with containment kerbs (outdoors) or impermeable concrete (indoors). Emergency response service available to clean up any spills.	Informal visual inspections during normal operation plus documented annual inspections. Defects reported using a computerised system.	For outdoor spills - the drum store perimeter bund (12.5m ³) acts as tertiary containment. Also storm water drainage in the northern portion of site incorporates an underground attenuation tank to hold any surface water in the event of spillages. For indoor spills - chemicals are handled in areas away from drainage systems. Small volume of chemicals used will be cleaned up using spill kits should an accidental release occur.	For the storm water drainage system: Informal CCTV inspections undertaken as required. No routine CCTV inspection programme is in place. For indoor spills onto impermeable concrete: Periodic checking of spill kits to occur as part of the planned preventative maintenance program.	Yes	Yes	Yes	✓
				Decanting chemicals at point of use	Failure of containment leading to spillage to land	No significant spills or leaks recorded	No	Yes	200 litre drums	Chemical containers are subject to informal daily visual inspections with any notable defects reported immediately.	Drip trays above impermeable concrete. This activity occurs indoors.	Informal visual inspections during normal operation plus documented annual inspections. Defect reporting using a computerised system.	Storage indoors away from drainage system. Small volume of chemicals used will be cleaned up using spill kits should an accidental release occur.	Informal CCTV inspections undertaken as required. No routine CCTV inspection programme is in place.	Yes	Yes	Yes	✓

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Chemical Stores and Cold Stores - Storage Location CS01	Chemical Storage - Indoors	Chemical 2 Chemical 13 Chemical 14	Yes Maximum to be stored onsite at one time for all these chemicals will be less than 100 litres each. Screened out due to low volumes stored on site (<200 Litres each)															
Chemical Stores and Cold Stores - Storage Location CS02	Chemical Storage - Indoors	Chemical 2 Chemical 15 Chemical 25 Chemical 26 Chemical 27 Chemical 28 Chemical 29 Chemical 30 Chemical 31	Yes However, the majority of these chemicals will be stored at maximum volumes below 200 litres. With the exception of ethylenediamine and sodium dichromate which will be stored at maximum volumes of 220 litres and 200 litres respectively. Screened out due to low volumes stored on site (<220 Litres each)															
Chemical Stores and Cold Stores - Storage Location FR03	Chemical Storage - Indoors	Chemical 8	Yes Maximum to be stored onsite at one time will be 200 litres. Screened out due to low volumes stored on site (<200 Litres)															
Chemical Stores and Cold Stores - Storage Location FR04	Chemical Storage - Indoors	Chemical 8	Yes Maximum to be stored onsite at one time will be 125 litres. Screened out due to low volumes stored on site (<200 Litres)															