



HAZARDOUS SUBSTANCES RISK ASSESSMENT

Risk Assessment N^o: CUP-RA-071		Activity: Hazardous Substances
Date of Assessment: 12 Mar 2024	Revision: 1.1	Site: EMR Middlesbrough Granulation
Assessed By: Carl Lerpiniere		Date for Review: 12 Mar 2025
Overall Risk Rating:		Approved by : Mark Brookes

HAZARDOUS SUBSTANCE	HAZARDS	EXISTING CONTROLS	RISK	ADDITIONAL CONTROLS	RESIDUAL RISK	Outstanding Actions
					(Taking into account likelihood and severity)	
Oil and Grease	Environmental contamination - Flammable - Toxic	<ul style="list-style-type: none"> - Oils are stored in designated areas, away from sources of ignition. - Storage areas are bunded to contain any potential spillages / leaks. - Storage areas are away from Plant thoroughfares. - Waste containers are stored in a designated area, in sealed drums. - Spill kits are available throughout the facility. - Spill kits are regularly checked for contents. - Waste oils and greases are stored in designated containers in designated areas with bunding where appropriate. - A suitably qualified waste disposal third party is employed to dispose of contaminated waste. 	Medium	<ul style="list-style-type: none"> - Storage areas are regularly inspected and kept free from obstructions. - Personnel are trained to use spill kits. - Appropriate equipment is available to dispense oils and greases in a controlled manner. - Full Safety Data Sheets are available for reference. 	Low	<ul style="list-style-type: none"> - Procure covered bunds for waste storage.
Diesel	Environmental contamination - Flammable - Toxic	<ul style="list-style-type: none"> - All diesel is contained in bunded tanks. - Refuelling takes place in an area protected by an interceptor / a sealable area with dedicated storage tank. - Storage areas are regularly inspected and kept free from obstructions. - Waste containers are stored in a designated area, in sealed drums. - Spill kits are available throughout the facility. - Spill kits are regularly checked for contents. - Waste diesel is stored in designated containers in designated, appropriately bunded areas. - A suitably qualified waste disposal third party is employed to dispose of contaminated waste. 	Medium	<ul style="list-style-type: none"> - Personnel are trained to use spill kits. - Only qualified personnel refill the diesel tanks. - Full Safety Data Sheets are available for reference. 	Low	<ul style="list-style-type: none"> - Procure covered bunds for waste storage.



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Coolant	Environmental contamination - Toxic	- Coolant is stored in designated containers on bunds. - Bunds and containers are placed away from main vehicle and plant routes. - Waste containers are stored in a designated area, in sealed drums. - A suitably qualified waste disposal third party is employed to dispose of contaminated waste.	Medium	- Appropriate equipment is available to dispense oils and greases in a controlled manner. - Full Safety Data Sheets are available for reference.	Low	- Procure covered bunds for waste storage.
Paint and containers	Environmental contamination - Toxic - Irritant	- All paints are contained in appropriate containers. - Paint containers are stored in an appropriate COSHH locker. - Waste paint containers and associated items are stored in a designated area, in sealed drums. - A suitably qualified waste disposal third party is employed to dispose of contaminated waste.	Low	- Appropriate equipment is available for using paints. - Full Safety Data Sheets are available for reference.	Low	
Aerosols	Environmental contamination - Toxic - Irritant - Flammable - Explosive	- Aerosols are stored in an appropriate COSHH locker. - Waste aerosols are stored in a designated area, in sealed drums. - A suitably qualified waste disposal third party is employed to dispose of contaminated waste.	Low	- Full Safety Data Sheets are available for reference.	Low	
AdBlue	Environmental contamination - Toxic - Irritant - Corrosive	- Adblue is stored in a sealed IBC - The Adblue IBC is mounted on a bund that can contain more than the IBC capacity. - The IBC and bund are covered to prevent the ingress of rainwater. - The AdBlue is co-located with the diesel tank.	Low	- Full Safety Data Sheets are available for reference.	Low	- Procure a fitted IBC and bund cover to replace the tarpaulin.



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Contaminated spill kit and Rags / Blue roll and Oil Filters	Environmental contamination - Toxic - Irritant - Flammable	- Once used, oil filters are bagged and placed in the contaminated bins, which are placed throughout the facility. - Filters are stored in sealed containers. - A suitably qualified waste disposal third party is employed to dispose of contaminated waste.	Low	- Full Safety Data Sheets are available for reference.	Low	
Contaminated Feedstock Loads	Environmental contamination - Toxic	- All loads are inspected before and after tipping. - Suspect loads are rejected or quarantined in accordance with the Waste Acceptance and Rejection Procedure. - Quarantined loads are stored in a designated bay and covered to prevent surface water contamination. - All batches are controlled by batch to allow full traceability.	Low		Low	