



HSSE CLAUSE

Seller will furnish Buyer with Material Safety Data Sheets on Product, which include health, safety, security and environment (“HSSE”) information consistent with regulatory requirements. Buyer will disseminate appropriate HSSE information to all persons (including but not limited to Buyer's employees, contractors and customers) Buyer foresees may be exposed to Product or other products into which Product has been further processed, mixed or incorporated.

Seller’s delivery and/or arrangement of transportation for delivery of Product to Buyer’s location is conditional upon Buyer having implemented the items listed in the HSSE Attachment at such location, as applicable. Upon reasonable prior notice to Buyer, Seller or a designated third party shall be entitled but never required to conduct a health and safety appraisal of Buyer’s unloading and storage facilities and operations. If from such appraisal Seller discovers that Buyer has failed to implement one or more of the applicable items listed in the HSSE Attachment, Seller may notify Buyer in writing of the recommended actions to remedy the failure. Seller shall be entitled to suspend immediately any supply of Product (and/or any other product covered by other contracts between Seller and its Affiliates and Buyer) to Buyer until such time as Buyer has implemented the recommendations specified. Seller shall have the right to terminate this Contract with immediate effect by giving a written termination notice to Buyer if Buyer fails to implement the recommendations specified within two (2) months after notification of the requirement. By specifying recommendations to be implemented by Buyer, neither Seller nor any designated agent assumes any obligation or liability regarding the HSSE obligations of Buyer or any obligation or liability for personal injury or property damage resulting from the Buyer’s operations.

HSSE Attachment

TANKS & FITTINGS

- No splash filling (for low conductivity flammable liquids only).
- All pipe work electrically continuous (for flammable liquids only).
- Storage tanks earthed/grounded (for flammable liquids only).

UNDERGROUND TANKS

- Vent outlets do not terminate in an enclosed space or close to ignition sources (for flammable liquids only).

DISCHARGE OPERATIONS

- No discharges undertaken from vehicle parked on public roadway (for road deliveries only, and for flammable liquids and environmentally hazardous products only).
- Written unloading procedure available
- Personnel can readily escape from the unloading area in case of emergency.
- The unloading operation is supervised by trained and competent customer staff.
- Discharge hoses suitable for product, electrically continuous or anti-static (for flammable liquids only) and in visibly good condition. Leak proof connections.
- Discharge pressure adequately controlled (via pressure reducer, pressure gauge, relief valve, etc.) to ensure that, for pressurized discharges, vehicle tank design pressure is never exceeded.
- Compressed air not used for product discharge or line clearance (for flammable liquids only).
- No ignition sources and no electrics in loading area / electrics suitably rated and in good condition (for flammable liquids only).
- Required vehicle earthing/grounding point; grounding point in visibly good condition (for flammable liquids road/rail deliveries only).
- Regularly tested emergency eye-wash close to discharge facilities, reliable water supply, frost protected (where appropriate).
- Drum/IBC filling is not directly carried out from the tank vehicle or it is done via a suitable fixed drumming facility (for flammable products only).
- Closed discharge system. Displaced vapours are vented to atmosphere through a suitable abatement system or to a safe location (for toxic products only).

RAIL SPECIFIC CONTROLS

- Procedure in place to close all rail/tank Car valves and install plugs / caps after unloading.

MARINE SPECIFIC CONTROLS

- Cargo hoses and / or loading arms subject to regular inspection & pressure tests. Records of tests are available.
- Pollution control equipment, appropriate to the products handled, readily available. Jetty operators aware of chemical hazards and trained in response procedure.
- Vessels berthed at the terminal have safe ship/shore access.
- An electrical insulating flange is installed at each loading arm/hose or a single length of non-conducting hose is used (if local regulation requires the use of a bonding cable, this should, where permitted, be in addition to the insulation means, sufficient in size and capable of being isolated by an explosion proof switch).
- Where regulations apply, reception facilities are available at the port for handling noxious liquid substances in accordance with Marpol Annex II, especially for receiving pre-wash slops. Third party slops disposal may be allowed under local authority permit.
- Procedure to ensure completion of the latest version of the ISGOTT Ship/Shore Safety Checklist or recognized equivalent prior to commencement of cargo operations.
- Immediately after docking, a conference is held between the terminal dock operator and the ship's senior officer to agree on procedures concerning cargo, ballast and bunkers transfer operations and emergency situations including shutdowns.
- The entire cargo transfer operation is directly supervised at all times by competent, trained staff familiar with the chemical products being handled.
- The method of communication and common language are agreed upon with both vessels masters and the terminal before commencing any cargo transfer.