

Information for the public on safety measures of AS Nord Terminals Logistics Sillamäe Terminal and the prevention of possible accidents

This information is intended to inform you of the activities of our company and the associated risks.

Location and address:

The main unit of the AS Nord Terminals Sillamäe terminal (hereinafter the main territory) is located between the Port of Sillamäe railway station, and the radioactive waste storage facility at Keskk 2 b, g, u. The smaller unit of Sillamäe terminal (hereinafter the inner park) is in the vicinity of the Sillamäe Thermal Power Plant at Keskk 2 p. We load tankers on jetties No 1, 2, and 4 of the Port of Sillamäe. The geographical coordinates of the terminal are following: 59°24'29.4"N, 27°43'50.7"E.



Contact details for the person providing information on safety measures:


The person responsible for providing information on safety measures is Elena Aminchikova, Quality and Safety Manager, phone: +372 392 9439, e-mail: elena.aminchikova@nordterminals.ee Information on recent inspections is available at: <https://www.rescue.ee/et/ohtlikud-ettevotted>, Rescue Board: rescue@rescue.ee, tel: + 372 6 282 000 or Consumer Protection and Technical Regulatory Authority: info@ttja.ee, tel: + 372 667 2 000. We confirm that we are a company with a risk of a category A major accident at Sillamäe terminal main territory and a category B at inner park. We have prepared an information sheet, a safety report, and an emergency plan, and have submitted these to the local government and the emergency services. The information sheet and safety report have also been submitted to the Consumer Protection and Technical Regulatory Authority. We hold a valid license issued by the Consumer Protection and Technical Regulatory Authority. The chemical handling permit has been issued on the basis of the Chemicals Act with an integrated environmental permit, KKL/321724. The company complies with the Seveso II Directive.

Short description of the operation of the terminal:

The main activities of AS Nord Terminals Sillamäe terminal are the reloading of oil products received via sea/ rail/ road to terminal tanks, short-term storage and reloading from terminal tanks mainly to vessels, occasionally to road and rail. On the territory of the terminal, there is a tank farm consisting of thirty-two tanks with a total volume of 506,000 m³, where oil products are stored. Oil products are pumped via pipelines to quays 1, 2 and 4 of Sillamäe Harbour, where these are loaded on tankers.

General information about dangerous chemicals handled with potential to cause major accident:

Chemical	Hazardous classification	Description	Hazard labelling
Shale Oil	Skin Irrit. 2, Skin Sens. 1, Eye Irrit. 2, Carc. 1, Repr. 2, Aquatic Chronic 2	Specific odor, dark brown to black combustible substance.	
Heavy Fuel Oil	Acute Tox. 4, Carc. 1, Repr. 2, STOT RE 2, Aquatic Chronic 1	Specific odor, dark brown to black combustible substance.	

Vacuum Gas Oil	Acute Tox. 4, Carc. 1, Repr. 2, STOT RE 2, Aquatic Chronic 1	Specific odor, dark green to dark brown heavy hydrocarbon substance.	
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Further information can be accessed from following location: [List of dangerous chemicals](#)

General information about the risk of a major accident:

Potential major accidents in hazardous companies can be caused by:

- human error,
- technical error,
- loss of control of the production process,
- external force majeure,
- plane crash,
- act of terrorism.

The most important of these can bring along very serious consequences and catastrophe, but are very unlikely to occur. In addition to our risk analysis, this is also confirmed by Estonian and international practice. The most important aspect is to prevent the ignition of an oil product that has spilled accidentally.

As a result of the risk analysis, the following external hazards can be highlighted:

1. Terrorism, sabotage – extremely unlikely in our circumstances. When the international or domestic political situation changes, more attention needs to be paid to it. At the same time, it is extremely difficult to rule out the threat of terrorism locally, even in the presence of a professional armed guard, as a small grenade launcher, rocket launcher or minesweeper can cause a catastrophe in the oil terminal from a long distance. Measures at the national level are needed when the likelihood of that risk increases.
2. Inaction or improper action by the tanker crew may result in fire on the tanker or marine pollution. This risk has received a great deal of international attention and an independent standard has been developed to ensure safety onboard and during loading operations - ISGOTT (International Safety Guide for Oil Tankers and Terminals). Its requirements are also followed at AS Nord Terminals Sillamäe Terminal. The principles of conducting loading operations, ensuring safety, and the means of communication are agreed in advance in writing. This may be partly due to the fact that the terminal is not able to significantly control or influence the activities of the tanker crew.
3. The threat from the activities of neighbouring companies is mainly related to the pipeline of oil products located in the territory of the port. Hazard arises from the vehicles moving around the territory of the port, which may accidentally hit the pipeline. The main territory is located in the risk areas of other major accidents hazards companies (DBT (BCT) AS, Eurochem Terminal Sillamäe AS, Silsteve AS). Accidents in neighbouring companies may affect us and, in some cases, directly endanger people and facilities on the terminal. We cooperate with our neighbours on safety and conduct joint training on acting in the case of an emergency.

In the case of an emergency AS Nord Terminals Sillamäe Terminal acts according to the following instructions:

- Emergency plan,
- Emergency pre-plans,
- Extinguishing the fire on the main territory,
- Extinguishing the fire on the jetties 1,2,
- Extinguishing the fire on the on the jetty 4.

The main objects of danger in the terminal are fuel tanks and the platform for emptying rail tanks.

In the event of an emergency:

- the work of subcontractors is suspended,
- the staff not belonging to the terminal rescue team gathers in the immediate vicinity of the control centre for further operational instructions,
- the loading activities may be resumed only after permission is received from the control centre,
- the issue of work permits may begin after permission from the shift manager in accordance with the applicable procedure.

The figure shows an example of a main territory danger area ($r = 234$ m) and an inner park area ($r = 137$ m).



The hazardous outputs of major accidents that could lead to an emergency are:

- tank in flames at the terminal,
- puddle of spilled oil in flames inside the walled area,
- major fire on the loading platform of the rail tanks,
- large-scale environmental pollution caused by a fuel spill into the sea.

General information about informing and warning people at risk of major accident occurrence and how people must proceed:

In most accidents, the danger area does not extend beyond the company's premises but, in the event of a fire, residents of surrounding settlements may be exposed to the smoke from the fire.

- If smoke from the fire is seen, it reveals that there is an accident.
- Information about the accident is given by phone to the Rescue Board, the Environmental Board, the Consumer Protection and Technical Surveillance Authority, local municipal governments, and neighbouring companies.
- Information will be placed on the company's website www.nordterminals.eu as soon as possible

In the event of an accident, you should proceed as following:

- Keep calm and close the windows, while you are at home.
- Avoid getting close to the company, stay at least 200 meters away from the company (Scheme 1).
- If you are near the company, leave the area quickly.
- Do not use an open flame in a danger area – fuel vapours may ignite.
- Make sure that the people with you also leave the danger area.
- Report the missing person to the Rescue Board on 112.
- Listen to Vikerraadio (frequency 104.7), Radio 4 (frequency 100.9), or watch ETV for further instructions.
- Do not call 112 for getting information – this will overwhelm the telephone lines of the rescuers.
- Follow the orders of the internal security services (Rescue service, Police and Border Guard).

Confirmation that the company with a major-accident hazard is closely co-operating with Rescue Board:

We confirm that AS Nord Terminals Sillamäe Terminal cooperates with the Rescue Board to ensure a quick response to a major accident and to reduce the consequences of potential accidents.

As a company with a risk of a major accident, we confirm that we have put in place a set of safety measures to ensure a prompt and effective response to a potential accident.

All staff are trained in safety, environmental protection, and health issues according to everyone's job responsibilities. The duties and responsibilities of the employees are set out in the employment contracts and job descriptions, and the employees are obliged to inform the shift manager of any incidents and to start rescue or cleaning work immediately.

Equipment used in production is inspected by competent persons. Our activities are supervised by competent national authorities.

We have primary fire extinguishing equipment available as well as a stationary fire extinguishing system.

Reference to external emergency plan to deal with off-site emergency consequences and recommendation to follow any instructions given by the rescue services:

The competence of the Rescue Board is to prepare an external emergency plan for companies with a category A major-accident hazard.

Details about an external emergency plans can be found at:
<https://www.rescue.ee/et/ettevottevaeline-haedaolukorra-lahendamise-plaan>

Guidance for further information:

For more information, please contact Elena Aminchikova, Quality and Safety Manager at: Phone +372 392 9439, e-mail: elena.aminchikova@nordterminals.eu

- warning and informing people at risk of a major accident;
- the behaviour of people at risk in the event of a major accident;
- upon request, information on the inspection plan and, if necessary, additional information;

Above mentioned Information for the public on safety measures of AS Nord Terminals Sillamäe Terminal and the prevention of possible accidents are reviewed and updated at least once per 3 year period and/ or in the case specified in subsection 23 (1) of the Chemicals Act.

Amended in August 2022