

To the Master of M/V: _____ Setúbal,

Dear Sir,

Welcome to the ECO-OIL Tank Cleaning Facility.

Responsibility for safe operation while your ship is alongside the pier rests jointly with you, as Ship Master, and with the ECO-OIL representative.

You are kindly requested to fill in Mod.007 FORM (General Data and Safety Check List) and Mod.002 FORM (Declaration for VAT exemption).

Your attention is also drawn to Mod. 009 FORM (General Terminal Rules & Conditions).

The ECO-OIL representative, Mr. _____, from whom you received this notice will answer any question you may have concerning operations.

ECO-OIL wishes you and your crew a pleasant stay in Portugal.

Useful contacts:

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LISNAVE SHIPYARD

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(Facility synopsis overleaf)



Management System
ISO 9001:2015
ISO 14001:2015
OHSAS 18001:2007



www.tuv.com
ID 910505243

SYNOPSIS

General:

- > The facility has been designed for the reception of slops and oily washing waters from crude oil and product carriers on its way to the Lisnave shipyard.
- > Tank cleaning and discharge to shore tanks is to be carried out by ship's equipment under responsibility of ship's Master.
- > A 7,5 water deep jetty consisting of three dolphins, the central one used as a service platform with an access tower and a 55 m high 1,5 ton swl crane.
- > Hose connection and disconnection is to be carried out by ship's crew.
- > No maintenance/repair work shall take place while the ship is at the jetty.
- > Unescorted persons and pedestrian traffic are not allowed in the terminal.
- > No matches, lighters, firearms, mobile phones and other not intrinsically safe equipment are allowed in the terminal.
- > Ship crew must not disembark unless the ship's local agent arranges transportation from the jetty to the outside of the terminal.
- > Materials and equipment loading or unloading is not allowed in the terminal.
- > It is an offense:
 - to spill oil or other pollutants
 - to dump garbage
- > Access to the jetty is permitted only to authorized personnel through the designated ways.
- > Eco-Oil is not licensed to receive radioactive waste, so all drums and containers with sludge will be inspected prior to discharge. If any radioactive activity is detected, above 500 nSv/h, measured in the portable dosimeter for the measurement of radioactive doses of the CANBERRA brand, model Radiagem 2000, with a low-dose coupled probe of the CANBERRA brand, Sonde VLD model (Code 86790), Eco-Oil will not receive any waste.

During the Discharge:

- > Maximum allowable discharge pressure is 7 bar (101,5 psi).
- > Maximum discharge flow rates are 500 m³/h (for 6" hose) or 950 m³/h (for 8" hose)
- > Maximum temperature allowed to deliver the slops/washing water is 75 degrees celcius.

Your attention is also drawn to the following secure remarks:

1. Stop discharge at 20 kts wind velocity.
2. Disconnect the hose at 25 kts wind velocity.
3. Unberth at 50 kts wind velocity.
4. UHF (Shore's Radio – we will put on board).
5. Emergency Code (by Radio): **3 x Stop Pumping**

Sede/Head-Office: Rua 13, nº 30-A - Parque Empresarial do Barreiro, 2830-571 Barreiro; **Tel./phone:** +351 212 499 350 **Tel./phone:** +351 212 499 353

Instalação/Facilities: Estrada Nacional EN10-4 (Estrada da Mitrena), Km 19, 2910-738 Setúbal; **Tel./phone:** +351 265 729 670 **Fax:** +351 265 729 679

Email: eco-oil@eco-oil.pt

Site: www.eco-oil.pt

Capital Social: 50 880 euros - **NIPC:** 505 039 001 - Matr. C. R. Comercial do Barreiro

Access to the vessel

The access to the vessel is performed by a gangway, which is installed in our crane tower.

Facility:

- > 2 x 5000 m³ + 1 x 2500 m³ storage tanks in a 12500 m³ liquid tight security basin.
- > Gravity oil / water separation in tanks enhanced by heating in external heat exchangers.
- > Primary decanted water treatment by flocculation and dissolved-air flotation followed by final treatment in two fixed bed biological reactors.
- > Effluent quality continuously monitored by a total organic carbon analyzer and pH.
- > Sludge treatment in 3 x 100 m³ gravity thickeners followed by centrifugation at 3250 G.
- > Fire fighting equipment includes a foam producer installation and high capacity foam and water cannons.

Documents to be sent by the Vessel

- Continuous record of the ship (CSR Continuous Synopsis Record _ Form1)
- Ship International Certificate valid (ISSC _ International Ship Security Certificate)
- List of Crew (Crew List)
- List of the last 10 Ports (List of last 10 Ports)
- Last 3 cargoes loaded (please send the MSDS)