

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**

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)



Sede/Head-Office: Rua 35, 27-Parque Empresarial do Barreiro-2831-904 Barreiro **Tel./phone:** +351 212 069 100 **Fax:** +351 212 069 196

Instalação/Facilities: Estrada da Mitrena, EN10-4, 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 – Conservatória do Registo Comercial do Barreiro e NIPC 505 039 001