



Reganosa

guide for good
practices

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1. General issues

Applicable general regulations of mandatory compliance

The activity of the plant of Regasificadora del Noroeste is under the legislation applicable at European level as well as state level:

CNE Normative

With regards to specific regulation of the gas sector, both the technical management system regulations (NGTS) as well as the detailed protocol (PD) are applied:

- PD-01 : Measurement.
- PD-02: Method of distribution in connection transport- distribution points.
- PD-03 : Prediction of demand.
- PD-04 : Communication mechanisms.
- PD-05 : Process for determining energy unloaded by LNG tankers.
- PD-06 : Operating regulation for the activities of unloading LNG tankers.
- PD-07 : Programming and nominations in infrastructures and transport.
- PD-08 : Programming and nominations of consumption in distribution networks.
- PD-09 : Calculation of acceptable ranges for the values of the basic control variables within normal ranges of operation of system.
- PD-10 : Calculation of the capacity of the facilities.
- PD-11 : Method of distribution in entry points to the transport network.

2. Publication / information of the characteristics of the plant

2.1 Port and docking

Port coordinates:

Lat: 43° 29' N

Long: 08° 15' W



Main features of the Port and of the ship:

- Docking and mooring structure: port created by a dock based on reinforced concrete caissons and berthing dolphins towards the bow.
- Maximum draft of the docking port: 14 m regarding LLW. Arms available for unloading:

From Fore to aft

	1	2	3	4
Liquid or Vapour	L	L	V	L

2.1 Storage systems

Information on the number of tanks and on the technical capacity of Reganosa is published on the following link:

Technical capacities

2.2 Unloading system Ship-plant compatibility

The link below shows the list of vessels compatible with the Mugardos terminal:

Compatible vessels

The vetting documentation of the ships that intend to unload in the plants shall be managed according to the requirements set out in Detailed Protocol PD-06 in force.

2.3 Unloading procedures

Procedures for the unloading of Ship-Shore ships are available when requested by any interested party on (Reganosa @ reganosa.com)

- Ship-shore interface; in accordance with PD-06 that establishes the necessary requirements to ensure the safety in unloading and loading operations of ships in the LNG Regasification terminals once the ship-shore compatibility analyses have been passed according to the compatibility procedure.

3. Operation

3.1 Measurement

The procedures related to the measurement and calculations in the unloading of vessels are in accordance with Detailed Protocol PD-05, following the Custody Transfer Handbook:

Custody transfer

The calibration certificates of equipment and instruments, together with certificates concerning the legal revision of equipment will be available to plant users.

4. Maintenance

4.1 The annual maintenance plan for regasification facilities and transport operated by Reganosa is available at the following link:

Annual Maintenance Plan

4.2 As a result of compliance with certification conditions, the requirements arising from legal obligations regarding the maintenance of facilities and services shall be monitored and complied with.

5. Risk prevention

The Reganosa terminal, based on risk analysis, has the following action plans:

- **Self-Protection Plan**
- **External Emergency Plan**
- **Protection Plan of the port facility** required by the ISPS Code including paragraphs required by Standard EC / 725/2004.

6. Logistics management

6.1. Applicable regulations

The current regulations applied to the logistics activity of Reganosa are included in the NGTS and corresponding DPs (see point 1).

The "European Agreement concerning the International Transport of Dangerous Goods by Road" (ADR) is mandatory with regards to the activity of loading tankers in Reganosa:

ADR

6.2 Management of capacity

The operational capacity of the Reganosa plant, including data on available and contracted capacity, are posted in the following link:

Capacidad available/contracted

6.3 Contracting

Both the information regarding access to the infrastructure for contracting, as well as the models of different applications and a simulator for tolls and fees and conditions for marketing in Spain are posted on the Enagas website.

- Information relating to the infrastructure for contracting:

Contract models

- Application form:

Application form

· Application to reserve capacity:

Application to reserve capacity

· Simulator for tolls and fees:

Toll simulator

· Conditions for marketing in Spain:

Conditions for marketing in Spain

6.4. Management of logistics- settings

Annual Programming, along with the assignment of unloading windows, is programmed on the website of the Technical Manager System:

Annual Unloading Plan

Reganosa's monthly operating plans are also posted on the Enagas website, together with their daily breakdown, which allow the status of the terminal to be known at all times:

System Operating Plan

Other useful information present on the GTS website is the list of ships compatible with the Mugardos terminal:

Compatible vessels

All necessary information concerning the port of Ferrol is available on its own website:

Port Authority Ferrol San Cibrao

This page has, for example, the necessary information concerning the tidal coefficient:

Tidal table

7. Certifications

The certificates in force at Reganosa are:

- **Quality control:** ISO 9001/2008
- **Environment:** ISO 14001/2004
- **Safety:** OSHAS 18001/2007

8. Management of incidents

Monitoring of occupational and industrial incidents is carried out in compliance with the requirements of standards OHSAS 18001 and ISO 14001.