



MALTA RESOURCES AUTHORITY

**DECISION 01/2003
of the 22nd February 2003 in virtue of
the Malta Resources Authority Act
and of
the Employment and Industrial Relations Act**

Determination

Whereas, in accordance with Article 64(6)(d) and the proviso following Article 64(6)(f) of the Employment and Industrial Relations Act, the Malta Resources Authority was requested by the Enemalta Corporation to establish the number of persons needed to unload fuel to the Delimara power station;

Whereas, on the 22 February 2003, Enemalta Corporation extended its request to include the minimum number of persons required to ensure the import and discharge of fuels at six specified unloading sites in Malta as may be required in the particular circumstances by particular vessels;

Whereas the Malta Resources Authority has solicited the views on the matter of both the Enemalta Corporation and the General Workers Union, as the Union in dispute, and carried out an investigation through an independent mechanical engineer;

Whereas the competent Authority responsible to secure, at all times, the adequate provision and reserve stocks of petroleum and gas, the Malta Resources Authority considers the current situation extremely urgent and critical in terms of the continuous generation of power and the production of water

Now, therefore, the Malta Resources Authority hereby determines as follows:

A. Land based personnel

1. Marsa Power Station/Menqa

| | |
|-------------------------------------|------------------------|
| Location | Menqa Marsa (HFO only) |
| Location of tanks connected to quay | Marsa power station |

| | |
|----------|----------------------|
| Products | Heavy fuel oil (HFO) |
|----------|----------------------|

1.1 HFO

| | |
|-----------------------|--|
| Shore-ship connection | 12" rubber hose |
| Essential equipment | Hired crane that is operated by contractor personnel Radio communications between quay and tank |

Quayside operation - minimum required personnel

- One administrative person (Technical Officer) with a technical background to handle paperwork related to:
 - Shipping (captain)
 - Customs
 - Surveyors
 - Safety/maritime authority
- One experienced fitter (charge hand) and another skilled worker (tradesman) to:
 - Remove and re-bolt blank flange on hose
 - Make and break ship hose connection
 - Operate valves

Tank side Operation – minimum required personnel

- One tank man (tank man) to check tank levels and to assist operator
- One operator (plant operator) to open or close valves

1.2 Gasoil

Gasoil for the Marsa power station is brought to the power station from other Enemalta storage facilities barges. The barges are operated by local contractors who do all the quay side work. The line used for gasoil is only 3" and handling is relatively easy. Only a plant operator is required on the part of Enemalta

2. Delimara Power Station

| | |
|-------------------------------------|---------------------------------|
| Location | Delimara power station |
| Location of tanks connected to quay | Delimara power station |
| Products | Heavy fuel oil (HFO) and gasoil |

2.1 HFO

| | |
|-----------------------|---|
| Shore-ship connection | 10" rubber hose |
| Essential equipment | Hired crane that is operated by contractor personnel to load rubber hose onto ship. Radio communications between quay and tank |

Quayside operation - minimum required personnel

- One administrative person with a technical background to handle paperwork related to:
 - Shipping (captain)
 - Customs
 - Surveyors
 - Safety/maritime authority
- One experienced fitter and another skilled worker to:
 - Remove and re-bolt blank flange on hose
 - Make and break ship connection
 - Operate valves

Tank side Operation – minimum required personnel

- One tank man to check tank levels and to assist operator
- One operator to open or close valves

2.2 Gasoil

| | |
|-----------------------|--|
| Shore-ship connection | 8" rubber hose on articulated loading arm |
| Essential equipment | Radio communications between quay and tank |

Quayside operation - minimum required personnel

- One administrative person with a technical background to handle paperwork related to:
 - Shipping (captain)
 - Customs
 - Surveyors
 - Safety/maritime authority
- One experienced fitter and another skilled worker to:
 - Remove and re-bolt blank flange on hose
 - Make and break ship connection
 - Operate valves

Tank side Operation – minimum required personnel

- One tank man to check tank levels and to assist operator

- One operator to open or close valves

3. Birzebbuga Pier

| | |
|-------------------------------------|-------------------------------------|
| Location | Birzebbuga |
| Location of tanks connected to quay | Birzebbuga |
| Products | Gasoline, Jet (Kerosene) and diesel |
| | |

3.1 All products

| | |
|-----------------------|---|
| Shore-ship connection | 6" rubber hose arm. Operation at this site is restricted and laborious. |
| Essential equipment | Radio communications between quay and tanks. Shore based manual crane/winch for loading of rubber hose onto ship. Hired seacraft. |

Quayside operation - minimum required personnel

- One administrative person with a technical background to handle paperwork related to:
 - Shipping (captain)
 - Customs
 - Surveyors
 - Safety/maritime authority
- One experienced fitter and four skilled worker to:
 - Remove and re-bolt blank flange on hose
 - Operate crane/winch
 - Load hose on ship
 - Make and break ship connection
 - Operate valves

Tank side Operation – minimum required personnel

- One tank man to check tank levels and to operate valves assisted by the quayside personnel.

4. San Lucian Dolphin

| | |
|-------------------------------------|--------------------|
| Location | Marsaxlokk harbour |
| Location of tanks connected to quay | Has-Saptan Gudja |

| | |
|----------|-----------------------------------|
| Products | Gasoil, Jet (Kerosene) and diesel |
|----------|-----------------------------------|

4.1 All products

| | |
|-----------------------|---|
| Shore-ship connection | 6” or 8” rubber hose arm. Operation at this site is restricted, laborious and located in the middle of Marsaxlokk harbour. |
| Essential equipment | Radio communications between quay and tanks Dolphin based manual crane/winch for loading of rubber hose onto ship. Hired sea craft. |

Ship side operation - minimum required personnel

- One administrative person with a technical background to handle paperwork related to:
 - Shipping (captain)
 - Customs
 - Surveyors
 - Safety/maritime authority
- One experienced fitter and four skilled workers to:
 - Remove and re-bolt blank flange on hose
 - Operate crane/winch
 - Load hose on ship
 - Make and break ship connection
 - Operate valves

Tank side Operation – minimum required personnel

The Has-Saptan tanks are located underground and for safety reasons personnel are only allowed underground for a maximum of 2 hours. Ship un-loading time may vary with the maximum at around 24 hrs.

A tank man to check levels and over see operations is required, assisted by three operators. The plant operators will have to be rotated every hour in a staggered fashion so that each operator spends 2 hours underground and at any one time there are two operators underground and one outside.

5. Ras Hanzir shore Dolphin

| | |
|-------------------------------------|------------------------------|
| Location | Corradino – Grand Harbour |
| Location of tanks connected to quay | Corradino |
| Products | Light heating oil and gasoil |

5.1 All products

| | |
|-----------------------|---|
| Shore-ship connection | 6" rubber hose. |
| Essential equipment | Radio communications between quay and tanks Dolphin based manual crane/winch for loading of rubber hose onto ship. |

Quayside operation - minimum required personnel

- One administrative person with a technical background to handle paperwork related to:
 - Shipping (captain)
 - Customs
 - Surveyors
 - Safety/maritime authority
- One experienced fitter and two skilled worker to:
 - Remove and re-bolt blank flange on hose
 - Operate crane/winch
 - Load hose on ship
 - Make and break ship connection
 - Operate valves

Tank side Operation – minimum required personnel

One tank man to check tank levels and to operate valves assisted by the quayside personnel.

6. Qajjenza – Gas

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|-------------------------------------|---------------------|
| Location | Marsaxlokk harbour |
| Location of tanks connected to quay | Qajjenza Birzebbuga |
| Products | LPG |

6.1 Gas

| | |
|-----------------------|---|
| Shore-ship connection | 3"heavy duty high pressure flexible hose normally laying on the seabed and lifted out for gas offloading operation. |
| Essential equipment | Radio communications between quay and tanks Shipboard crane for loading of hose onto ship operated by ship crew. Hired sea craft. |

Quayside operation - minimum required personnel

- One administrative person with a technical background to handle paperwork related to:
 - Shipping (captain)
 - Customs
 - Surveyors
 - Safety/maritime authority
- Three experienced technical staff (Technical Officer) assisted by three workers (labourers) for shipboard operations.
- Two experienced technical staff for land/tank based operations.

B. Sea based personnel [on vessel off loading the fuel]

This shall be decided in terms of Dangerous cargo ships, Marine terminals and facilities and Bunkering Regulations [1996].

Malta Resources Authority

Joseph N. Tabone
Chairman