



TARONG ENERGY CORPORATION LIMITED  
OCCUPATIONAL HEALTH & SAFETY BUSINESS PROCEDURE FOR

## Working on Water

### OHS-PROC-122

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#### 1.0 Purpose

To outline the requirements to operate motor boats at Tarong and Tarong North Power Station.

#### 2.0 Scope

This procedure shall apply to all Tarong and Tarong North Power Station employees and contractors that are required to use motor boats at Tarong and Tarong North Power Station.

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## 3.0 Actions

### 3.1 Responsibilities

- The driver of the boat shall possess a current boat licence if the boat has an outboard motor that is rated greater than 6 hp.
- A licence is not required to operate the boat when it is powered by an electric motor
- The driver shall ensure:
  - JSEA is completed before leaving the shore.
  - PFD Type 1: Personnel Floatation shall be worn whilst on board.
  - That the boat contains all necessary safety equipment as listed in Section **4.2 Safety Equipment**.
  - The loading of the boat is within appropriate limits in terms of weight and number of persons on board. **Max number of personnel indicated on data plate located in the TEC Boat.**
  - Before every use, the fuel tank shall be checked and filled completely.
  - The battery is fully charged and is secure in the boat well.
  - Upon entering the water, before leaving the bank, the motor shall be tested for satisfactory operation.
  - Ensure a 2-way radio with a fully charged battery and tuned to channel 2 is checked for satisfactory transmission before being taken aboard.
  - Ensure that waders are not worn in the boat.
  - Bungs available and inserted.
- The Boat Familiarisation form (T-1703) has been completed (only required to be completed once and sent to TE Training & Development for recording).

### 3.2 Process to be followed

- Before leaving the Power Station:
  - Emergency Response Team and the Supervisor of the Boat Crew shall be informed of the details of the planned operation, ie: destination and job description.
  - The boat crew shall consult with their Coordinator / Supervisor to ensure they are aware of the operational status of the Water Course. A PTW may be required to ensure the water course is safe for access.
  - Mobile communications shall be maintained regularly between the Coordinator / Supervisor and the boat crew (2 way radio).

## 4.0 Occupational Health and Safety Requirements

### 4.1 For the boat crew it is recommended that:

- Personnel are comfortable working on water.
- Sun protection cream to be applied to exposed skin as required.
- Standard PPE be worn, however with individual's discretion:
  - Broad brimmed hat may be worn in place of a hard hat when on the water.
  - Diving shoes may be worn in place of work boots.
  - Quick dry shorts (boardies) may be worn in place of TEC issued work trousers.

### 4.2 Safety Equipment

- Two serviceable oars.
- Three PFD Type 1: Personnel Floatation Devices
- Fire extinguisher.
- Sand anchor with 2 metres of chain attached to anchor rope.
- Bucket and rope.
- Bungs available and inserted.
- Mirror (Not Mandatory)

### 4.3 Capacities

- Overloading is dangerous and one of the easiest ways to capsize your boat.
- The maximum capacity in both passengers and total weight are displayed on the boat capacity label and boat data plate. These capacities shall not be exceeded. A guidance on capacities is given in the table below.
- Heavy items should be stowed in a low and central place where they cannot move.
- Weight, including passengers, should be distributed evenly through the boat.
- The weight of extra fuel / equipment / battery when electric motor is used and water should be taken into account.

**Capacity assessment table — powered boats under six metres**

Length (metres)	Recommended maximum number of persons	Maximum permissible weight (kilograms)
up to 3 m	2	180
3 m to 3.49 m	3	270
3.5 m to 4.49 m	4	360
4.5 m to 4.99 m	5	450
5 m to 5.49 m	6	540
5.5 m to 5.99 m	7	630

## 5.0 Environmental Requirements

Ensure no fuel is spilt when on the water. Report any fuel / oil spills to the environment team immediately.

## 6.0 Definitions

PFD: Personnel Floatation Device.

JSEA: Job Safety Environment Analysis.

## 7.0 Reference Documentation

As 1512 Personnel Flotation Devices.  
Maritime Safety Queensland.  
Transport Operations (Maritime Safety Act 1994).  
Boat Familiarisation and Authorisation form (T-1703)

## 8.0 Revision Timeframe

This document is required to be reviewed, as a minimum, every 5 years.

## 9.0 Revision History

Rev. No.	Rev. Date	Revision Description	Owned by	Approved by
0	21.01.2011	New procedure	K McMurdy	J Judge