

# COGJO1

## Contribute to the mooring operations in jetty operations



---

### Overview

You will be involved in activities such as:

- 1 Ensure integrity of mooring system
- 2 Ensure that safe ship/shore access is maintained
- 3 Implement ship/shore safety checklist

During this work you must take account of the relevant operational requirements and safe working practices AS THEY APPLY TO YOU.

### **Previous Version:**

Liquid Transfer & Storage National Occupational Standards – July 2005

# COGJO1

## Contribute to the mooring operations in jetty operations

---

### Performance criteria

*You must be able to:*

- P1 inspect mooring equipment at prescribed intervals
- P2 check that mooring tensions are safe and appropriate
- P3 take appropriate action if equipment and/or tensions appear not be safe and appropriate
- P4 deal promptly and effectively with problems that are your responsibility, and report those that you cannot solve and/or are not your responsibility to the relevant person
- P5 communicate all relevant information to the appropriate people
- P6 work safely in accordance with operational and environmental requirements
- P7 test the ship/shore access to prescribed procedures
- P8 take the appropriate action if the ship/shore access is unsafe
- P9 ensure that the space on berth is adequate for the ship's gangway
- P10 when required, deploy the gangway according to prescribed procedures
- P11 follow relevant security procedures
- P12 ensure that ship/shore access is adequately tended and free to move
- P13 ensure that all necessary equipment is available
- P14 ensure that ship/shore access is free of obstructions and suitable for use
- P15 check tidal range whilst ship is at berth, and take the appropriate action

# COGJO1

## Contribute to the mooring operations in jetty operations

---

### Knowledge and understanding

*You need to know and understand:*

- K1 how to carry out inspections of mooring equipment
- K2 how to check the physical appearance of mooring equipment
- K3 the prescribed intervals for inspection
- K4 how to identify when mooring tensions are safe and appropriate
- K5 how external factors can affect mooring
- K6 the action to take if mooring equipment and/or tensions are outside appropriate
- K7 how to test the ship/shore access according to prescribed procedures
- K8 the appropriate action to take if the ship/shore access is unsafe
- K9 how to ensure that there is adequate space for the ship/shore access
- K10 how to safely deploy the ship/shore access
- K11 how external factors affect ship/shore access
- K12 the safe working loads of lifting gear
- K13 how to connect and disconnect the ship/shore access
- K14 the relevant security procedures and how to follow them
- K15 how to ensure that the ship/shore access is adequately tended and free to move
- K16 why it is important to keep the ship/shore access unobstructed and well lit
- K17 what equipment needs to be available
- K18 how to check that the ship has been inspected according to prescribed safety checklist
- K19 how to check that the shore/terminal has been inspected according to prescribed safety checklist
- K20 how to ensure that hazards are minimised
- K21 the methods to be used to confirm that the prescribed inspections have been completed
- K22 what documentation and notices need to be provided to the ship
- K23 how to obtain the relevant documentation and notices
- K24 how to ensure that the ship receives the relevant documentation and notices
- K25 how to ensure that inspections take place at prescribed intervals
- K26 why it is important for inspections to take place at prescribed intervals
- K27 why it is important to record all information accurately

# COGJO1

## Contribute to the mooring operations in jetty operations

---

### Additional Information

#### Scope/range related to performance criteria

- 1 Inspect and check mooring equipment, taking into account all of the following factors:
  - 1.1. brake holding power and tensioning levels
  - 1.2. external factors (such as tide, weather, waves, passing vessels)
  - 1.3. operating ranges and tolerances of mooring equipment
  - 1.4. physical appearance of mooring equipment
- 2 Inspect and assess the condition of the mooring equipment and tensions according to prescribed intervals
- 3 Test the shore gangway according to prescribed procedures to ensure that gangways are:
  - 3.1 clean and free from contamination
  - 3.2 free from defects
  - 3.3 unobstructed
  - 3.4 well illuminated
  - 3.5 safely rigged with nets and other safety equipment as required
- 4 Deploy the shore gangway according to prescribed procedures, taking account of all of the following:
  - 4.1 safe working loads of lifting gear
  - 4.2 safe procedure for connection of gangway
  - 4.3 safe procedure for disconnection of gangway
- 5 Monitor the shore/vessel gangway according to prescribed procedures, and ensure that all of the necessary equipment is available to include:
  - 5.1 nets and bulwark ladders
  - 5.2 lifebuoy with light and line
  - 5.3 check and confirm that the vessel and shore/terminal has been inspected according to the prescribed checklist

The prescribed checklist will include relevant sections from all of the following:

- 1 ISGOTT Ship Shore Safety Checklist
- 2 IMO Conventions
- 3 National, local legislation and guidelines
- 4 Terminal requirements

# COGJO1

## Contribute to the mooring operations in jetty operations

---

**Developed by** Cogent

---

**Version number** 1

---

**Date approved** January 2010

---

**Indicative review date** January 2012

---

**Validity** Current

---

**Status** Original

---

**Originating organisation** Cogent

---

**Original URN** JO1

---

**Relevant occupations** Professional Occupations; Engineering Professionals; Engineering and manufacturing technology; Engineering

---

**Suite** Jetty Operations

---

**Key words** contribute, mooring, operations, jetty, safety, ship, shore, access, checklist