

Equipment preparation

- 1) Prepare safety equipment:
 - a) Fire hoses
 - b) Fixed and portable dry powder extinguishers
 - c) Water spray system
 - d) Emergency shower / Eye wash
 - e) Fixed gas detection system
- 2) Issue PPE following safety data sheets
- 3) Test all communication equipment
- 4) Prepare deck pipe line-up
- 5) Prepare pumps for operation
- 6) Check electrical insulation readings
- 7) Ensure pumps turn freely
- 8) Check fluid levels, lubrication and seal systems
- 9) Prepare compressor room line-up
- 10) Verify compressor shut down settings match cargo
- 11) Set ventilation systems for cargo machinery
- 12) Set ventilation systems for accommodation
- 13) Test Emergency Shutdown (ESD) system
- 14) Test alarms and shutdown systems
- 15) Display relief valve setting at tank dome and in cargo control room (CCR)
- 16) Check ballast system

Caution: A deck officer must verify the setting of lines and valves. This officer must not have been involved in the initial line-up.

- 17) Verify pipe line-up and all equipment prepared correctly



Completed



Reliquefaction checklist

Initials

- 1) Piping system.....Set up
- 2) System set up.....Confirmed
 - a) Electrical power
 - b) Cooling water
 - c) Refrigerant
 - d) Ventilation
 - e) Fixed gas detection
- 3) Alarm function.....Verified
- 4) Compressor shutdowns.....Set

▶▶ Record checklist completed in deck log book

Pre-loading checklist

Initials

- 1) Loading plan.....Signed
- 2) Loading plan.....Approved
- 3) Safety data sheets.....Posted
- 4) Safety equipment.....Prepared
- 5) Gas detection system.....Checked
- 6) PPE.....Issued
- 7) Communication equipmentTested
- 8) Cargo system.....Prepared
- 9) Cargo system line-upVerified
- 10) ESD system.....Tested
- 11) Ship-specific checks as listed in 'SEOP'.....Checked

▶▶ Record checklist completed in cargo log book

Pre-discharge checklist

Initials

- 1) Discharge plan..... Signed
- 2) Discharge plan..... Approved
- 3) Safety data sheets..... Posted
- 4) Safety equipment..... Prepared
- 5) Gas detection system..... Checked
- 6) PPE..... Issued
- 7) Communication equipment..... Tested
- 8) Cargo system..... Prepared
- 9) Cargo system line-up Verified
- 10) ESD system..... Tested
- 11) Ship specific checks as listed in 'SEOP'..... Checked

▶▶ Record checklist completed in cargo log book

After loading checklist

Initials

- | | | |
|-------------------------------|-----------|--------------------------|
| 1) Cargo lines..... | Drained | <input type="checkbox"/> |
| 2) Cargo system..... | Secured | <input type="checkbox"/> |
| 3) Float gauges..... | Secured | <input type="checkbox"/> |
| 4) Relief valve settings..... | Confirmed | <input type="checkbox"/> |
| 5) Portable equipment..... | Secured | <input type="checkbox"/> |
| 6) Documentation..... | Received | <input type="checkbox"/> |

▶▶ Record checklist completed in cargo log book

After discharge checklist

Initials

- | | | |
|-------------------------------|-----------|--------------------------|
| 1) Cargo lines..... | Drained | <input type="checkbox"/> |
| 2) Cargo system..... | Secured | <input type="checkbox"/> |
| 3) Float gauges..... | Secured | <input type="checkbox"/> |
| 4) Relief valve settings..... | Confirmed | <input type="checkbox"/> |
| 5) Portable equipment..... | Secured | <input type="checkbox"/> |
| 6) Documentation..... | Received | <input type="checkbox"/> |

▶▶ Record checklist completed in cargo log book