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## Attachment AB – Lifting Requirements for Offshore Containers and Portable Offshore Units

Santos Ltd



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## Lifting – Offshore containers and portable offshore units

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### Purpose

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This standard details the requirements for offshore activities involving lifting of offshore containers and portable offshore units.

### Scope

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This standard applies to lifts below 50 metric tonnes. It does not address heavy lifts above 50 metric tonnes.

### Requirements

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For equipment or goods to be sent to Santos' offshore facilities, the Contractor will provide offshore containers with certification to DNV 2.7-1 and/or AS EN12079 (includes AS and BS versions) from a recognised classification society with expertise in the certification of offshore containers. Currently acceptable classification societies include: Det Norske Veritas (DNV), Lloyds Register and Bureau Veritas (BV). The requirement for classification society certification includes the sling set.

Whilst the sling assembly certificate may note that the testing of the assembly is in accordance with the Australian Standard AS1666 (Slings: Wire Rope), the certificate must provide confirmation that the sling assembly has certification from the approving classification society.

Offshore containers are portable units with a maximum gross mass not exceeding 25,000 kgs, for repeated use in the transport of goods or equipment, handled in open seas, to, from or between fixed and/or floating installations and ships. Offshore containers are divided into three main categories: offshore freight containers, offshore service containers and offshore waste skips.

Portable offshore units with a gross mass up to 50,000 kgs utilised by Contractors shall meet the design, manufacturing and testing requirements of DNV 2.7-3. Portable offshore units are not offshore containers and are not intended to carry cargoes as their primary function.

The Contractor must not use chain slings on offshore containers or portable offshore units.

All offshore containers, portable offshore units and sling sets will be either new, as new to the Contractors' standards or as otherwise set out in the contract. All certifications must be valid for a minimum of three months at the time of mobilization. This may be extended on a project basis to avoid the need to conduct inspections offshore.

All Contractors' lifting and lifted equipment must be recorded in a 'Lifting Equipment Register' (LER) which will provide all the associated information including purchase date, certification records, inspection records including by whom, supplier, etc. All lifting equipment shall be fully traceable via the LER.

The Contractor is required to perform annual audits of their lifting equipment and services suppliers to ensure that the required records, such as material certifications, pressure test certifications, NDT reports etc, are maintained on file and obtainable as required. Audits will also include competency reviews for personnel inspecting equipment who will be suitably trained, and to ensure that required competencies have been the subject of in-house training and assessments.