

Cold Cutting Operations

Client	Bleo Holm FPSO
Project	Methanol Storage Tank Removal
Location	Offshore
Size of contract	Compact Project
Duration	10 days
Outcomes	<ul style="list-style-type: none"> • Safe Operation in hazardous environment – no heat generation • Portable and versatile in restricted areas • No need for costly plant shutdown • Environmentally friendly

Abrasive water jet cutting is a proven cold cutting method with the following unique properties and distinct advantages:

- Use in hazardous environments.
- Drastically reduces the need for costly plant shutdown & preparation time for hot work.
- No heat generation maintaining material properties/structure.
- Capable of cutting virtually any material or thickness.
- Jet cut creates its own start point so does not require an edge or need to overrun.
- Cutting Head and manipulators are portable and versatile - ideal for restricted areas.
- Cut can be completed in a single pass or with a multi pass option if required.
- Environmentally friendly as it uses no hazardous materials and creates no gases or dust.

CLIENT SOR

Altrad have been requested to carry out the deconstruction of the Bleo Holm FPSO Methanol Storage Tank (Tag No. 540-T-6615) with assistance from client scaffolding and rigging departments. Altrad will carry out Ultra High Pressure (UHP) Abrasive Water Jetting Operations/Cold Cutting to cut the tank/vessel into removable sections allowing onshore waste disposal.

METHOD STATEMENT

The below method statement details the main steps taken by Altrad to successfully complete the tank deconstruction activities on board the Bleo Holm FPSO.

PRE-START TASK RISK ASSESSMENT AND TOOLBOX TALK

The Altrad Supervisor will discuss the work scope and all of the associated risks with the FPSO operations team, all hazards and risks within the Repsol Sinopec ISSOW Level 1 Risk Assessments will be discussed in detail and controls will be put in place with agreement from the FPSO operations team and safety department. If unforeseen risks are identified the project must not go ahead until appropriate control measure have been agreed.

The information within the Altrad work pack and associated procedures will be communicated to all personnel involved within the work scope, all parties will sign under section 7 of this work pack to confirm content and method has been accepted by all.

All personnel involved in the task will be brought up to date with the proposed activity and contingency arrangements. All Altrad and platform personnel involved with pre-start shift toolbox talks will be recorded by signatures on the Toolbox Talk Record Form CMS GF 13.

If unforeseen hazards are identified during the tool box talk the project must not go ahead until all hazards have been reassessed and recorded on the Altrad Job Specific Risk Assessment CMS GF 60b, additional hazards will also be included within the Repsol Sinopec ISSOW Risk Assessment.

The Altrad Supervisor will liaise with the FPSO deck foreman to discuss all access and laydown requirements for Altrad personnel, plant and equipment.

All personnel will be appraised of the Repsol Sinopec UK Safe System of Work, the Permit to Work System and participate in the Task Risk Assessment. All work will be completed in accordance with Altrad/Client Safety Management Systems.

Offshore installation Manager comments after scope complete:

Peter, can I just pass on my sincerest thanks to you for supervising a job very well done and most importantly incident free by all concerned. I walked by a few times and you have all done a great job and the area has been left spotless. An example to all of how a job should be planned and carried out. Well done and please pass on my thanks to the Altrad team again.

Best regards, Tom, Bleo Holm FPSO Offshore Installation Manager, Repsol Sinopec Resources UK



ABOUT ALTRAD SERVICES

Altrad Services is an international leader in the provision of critical industrial services principally to the energy and natural resources sectors.

Our multi-disciplinary service offering includes access systems, insulation, specialist coatings, passive fire protection, refractory linings, environmental services, oil and gas storage tanks and heat exchanger replacement and refurbishment.