

GENERAL SPECIFICATION

Seismic Acquisition

GS EP GPA 203

Seismic HSE for Shallow Water and Transition Zone Activities

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1. Scope

1.1 Purpose

The purpose of this Shallow Water and Transition Zone Activities specification is to define the main Company HSE standards to be adhered by the Contractors.

These standards, based on IAGC and OGP ones ([OGP Report N°432](#)), concern the HSE minimum expectations and the specific requirements for each operation aspect.

1.2 Applicability

The following document is part of the Company Referential. It lays down the Company HSE requirements for seismic acquisition operations in shallow water and transition zone areas.

It is a contractual document in seismic operations and specifies the general standards of HSE exhibit (exhibit A).

Thus this specification is considered by Company as an applicable standard and shall be respected.

1.3 Safety regulations

When working in, and/or around Oil and Gas Field Installations whether belonging to Company or not, Contractor(s) is required to fully comply with all the Safety and Environment Instructions given by the Oil Field Authority, the Standing Instruction Manuals for Marine and Land Operations (if any) and all the related documents and procedures available with the Oil Field Authority Representative and/or with Company Representative.

In this particular situation, Contractor(s) shall observe the following requirements:

- Minimum Safety distances to all installations as defined in the Company's oil and gas safety manual and/or specific requirements such as in situ determination derived from particular methodology ("peak particle velocity").
- Safety inspection and briefing to be conducted before entering or approaching any oil and gas field installations.
- Permanent co-ordination with the Company's oil and gas field Logistics and/or Safety departments regarding the operations in progress (e.g. with regard to diving operations, rig moves...).
- Special care and supervision when working close to oil and gas field constructions and pipes.
- The implementation of any equipment on oil or gas field installations shall be considered as an operation in hazardous areas and shall be ruled under the Permit to Work system in force on site.
- Operations that involve cutting, welding or burning etc., within the perimeter of any field installations shall not be carried out without obtaining the necessary Permit to Work.
- Personnel H2S training, dedicated alarms (detectors), protective equipment (masks) and specific procedures when H2S risk is identified.

- Any other specific training when required.

2. Reference documents

The reference documents listed below form an integral part of this General Specification.

External Documents

Unless otherwise stipulated, the applicable version of these documents, including relevant appendices and supplements, is the latest revision published at the effective date of this document.

Reference	Title
EN 396	European CE standard covers 150N Lifejackets, providing a minimum of 15kg of buoyancy
OGP Report N°432	Managing HSE in a geophysical contract
OGP Report N°343	Managing Health for field operations in oil & gas activities
JNCC Guidelines	Guidelines for Minimising the risk of Disturbance and Injury to Marine Mammals from seismic surveys.
ISPS	International Ship and Port Security
SOLAS	International Convention for the Safety of Life at Sea
MARPOL	International Convention for the Prevention of Pollution from Ships
Load Lines 1966	International Convention on Load Lines, 1966
COLREG	Convention on the International Regulations for Preventing Collisions at Sea, 1972
ISM Code	International Safety Management
FSS Code	Fire Safe Systems
OSV Code	Code of Safe Practice for the Carriage of Cargoes and Persons by Offshore Supply Vessels
MODU Code	Code for the Construction and Equipment of Mobile Offshore Drilling Units