



## Procedure

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# 73-001555 - Appendix A - Competence requirements for contractor's personnel engaged to work for Aker BP

Document no.:	73-001873
Rev. no.:	16.0
Date:	2024-12-09

## About this document

<b>Purpose</b>	The purpose of this document is to ensure that personnel supplied by CONTRACTOR to perform work at a COMPANY controlled offshore worksite hold a minimum of qualifications, skills and experience as defined herein. This document will be used as a premise for COMPANY when assessing CONTRACTOR's personnel both prior to and after award of contract.
<b>Valid for</b>	The document is valid for all CONTRACTORS including short-term hires.
<b>Revision Period</b>	2 Years
<b>Non-conformity/ Deviations</b>	If unable to comply with requirements stated in this document, process for deviations and non-conformity applies.

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<b>Rev.no.</b>	<b>Date</b>	<b>Description of Change</b>
16.0	2024-12-09	We have added a new competence requirement to the Pipefitter smallbore tubing role in chapter 8.3.9: (Small bore tubing- high pressure systems with cone and tread connection)
15.0	2024-12-04	We have added a new competency role called Pipefitter smallbore tubing in chapter 8.3.9.
14.0	2024-10-24	In chapter 3 and 4 we have updated references to Havtil from "PSA"/ "The Petroleum Safety Authority" to "The Norwegian Ocean Industry Authority" /"Havtil".
13.0	2024-10-22	We have added Edvard Grieg installation to the title in chapter 8.1.7 and 8.1.9

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## 1 Purpose

The purpose of this document is to ensure that personnel supplied by CONTRACTOR to perform work at a COMPANY controlled offshore worksite hold a minimum of qualifications, skills and experience as defined herein. This document will be used as a premise for COMPANY when assessing CONTRACTOR's personnel both prior to and after award of contract.

## 2 Area of application

This document is applicable for all personnel fulfilling roles defined in chapter 8 herein.

## 3 References

CONTRACTOR shall comply with all relevant rules and regulations, including but not limited to:

- The Norwegian Ocean Industry Authority (Havtil) Regulations
- Offshore Norge guidelines
- COMPANY HSSEQ requirements
- Other internal or external governing documents, processes, or procedures

## 4 Definitions and Abbreviations


COMPANY	Aker BP
CONTRACTOR	Supplier of personnel or services involving personnel supplied to work for COMPANY
Havil	The Norwegian Ocean Industry Authority
WP/SJA	Work Permit / Safe Job Analysis

## 5 General competence management requirements

Competence management is of critical importance for COMPANY, thus the requirement for CONTRACTOR to comply with competence requirements as set forth in this document and other contractual obligations. The purpose of this document is to ensure that CONTRACTOR supplies personnel comply with COMPANY's minimum requirements for competence.

CONTRACTOR shall perform the work in full compliance with all provisions herein, or subsequent revisions thereto for the duration of the CONTRACT and any CONTRACT options periods or CONTRACT extensions.

CONTRACTOR shall be responsible for ensuring that all personnel understand and operate in accordance with the principles and requirements of the competence management provisions herein.

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According to CONTRACT's appendix on Administration Requirements, CONTRACTOR shall have a documented competence assurance system in place that demonstrates commitment to continuous improvement.

## 6 Administration of course participants on courses and training

All required courses and training for CONTRACTOR personnel shall be administered by CONTRACTOR except for:

- Emergency Preparedness Co-Training (samtrening)
- COMPANY customized training / courses

COMPANY will administer participation for CONTRACTOR personnel on the courses listed above. COMPANY will administer course participation for laboratory technicians.

## 7 Common competency requirements applicable to all roles

- Basic safety training (according to Offshore Norge guidelines 002) (Offshore travel requirement)
- Valid health certificate (Offshore travel requirement)
- WP/SJA (Offshore travel requirement)
- Aker BP SAFER course (Available via Aker BP's [Trainingportal for contractors](#) )
- Relevant professional certificate of apprenticeship
- Fall protection according to NOG 113/NS -9610 (If applicable). Retraining every 4 years.


In addition, everyone shall be familiar with COMPANY's safety standards and values.

## 8 Competency role requirements

COMPANY has defined a set of roles with specific competency requirements, in addition to those defined in chapter 7. These requirements are defined below.

If you cannot find the requirements for a specific role, common competency requirements in chapter 7 shall apply. In addition there must be a case-by case evaluation by requestor who verifies that the CONTRACTOR fulfils the criteria to perform the planned work in a safe and prudent manner.

For certain Aker BP roles additional requirements may be defined in COMPANY's competence management system.

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## 8.1 Emergency Preparedness and Response Roles

### 8.1.1 Search and rescue team

COMPETENCE REQUIREMENT	Freq.
Emergency preparedness and response	
Search and Rescue Basic	2 years

### 8.1.2 Fall Arrest team member

COMPETENCE REQUIREMENT	Freq.
Internal Requirement	
Fall Protection and Rescue Basic (24 hours) (Offshore Norge Guideline 113)	2 years

### 8.1.3 Helideck crew

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
SRC (VHF) certificate	n/a
Emergency preparedness and response	
HLO Basic	2 years

### 8.1.4 Crisis management team

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
SRC (VHF) certificate	n/a
Emergency preparedness and response	
Crisis Management Basic	2 years

### 8.1.5 Lifeboat coxswain - Conventional lifeboat team member on Ula

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
SRC (VHF) certificate	n/a
Emergency preparedness and response	
Lifeboat Coxswain Conventional Basic	2 years

### 8.1.6 Lifeboat coxswain – Skid/drop lifeboat team member on Alvheim

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
SRC (VHF) certificate	n/a



Emergency preparedness and response	
Coxswain Skid lifeboat Basic	2 years

### **8.1.7 Lifeboat coxswain – Skid/drop lifeboat team member on Valhall, Edvard Grieg, Ivar Aasen & Skarv**

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
SRC (VHF) certificate	n/a
Emergency preparedness and response	
Coxswain FF1200 Basic	2 years

### **8.1.8 MOB-boat team member on Ula & Skarv**

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
SRC (VHF) certificate	n/a
Emergency preparedness and response	
FRC-Fast Rescue Craft (large boat)	2 years

### **8.1.9 MOB-boat team member on Ivar Aasen, Edvard Grieg, Alvheim, Valhall & NUI**

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
SRC (VHF) certificate	n/a
Emergency preparedness and response	
FRC-Fast Rescue Craft (small boat)	2 years

### **8.1.10 First aid team**

COMPETENCE REQUIREMENT	Freq.
Emergency preparedness and response	
DHLR Defibrillators course	2 years
Acute (medical) skills training	2 years
First Aid Basic	2 years

### **8.1.11 Smoke diver**

COMPETENCE REQUIREMENT	Freq.
Emergency preparedness and response	
Search and Rescue Basic	2 years

Extended medical examination and assessment of smoke divers	2 years
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### 8.1.12 Emergency response team NUI

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
SRC (VHF) certificate	n/a
Emergency preparedness and response	
Search and Rescue Basic	2 years
Extended medical examination and assessment of smoke divers	2 years
First Aid Basic	2 years
Acute (medical) skills training	2 years
DHLR Defibrillators course	2 years
HLO Basic	2 years
FRC-Fast Rescue Craft (small boat)	2 years
Coxswain Skid Lifeboat Basic	2 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

## 8.2 Operations Roles

### 8.2.1 Laboratory Technician

COMPETENCE REQUIREMENT	Freq.
Internal Requirement	
MET 8 Introduction to fiscal metering and regulations	n/a
MET 9 Fiscal Gas metering course e-learning	n/a
Fittings and smallbore tubing systems (NOG 143)	4 years
EX safety and awareness - petroleum industry	5 years
Radiation protection (industrial radiography)	10 years
<ul style="list-style-type: none"> <li>Note that the Laboratory Technicians are exempt from the rule that the employer must be responsible for course bookings. Course bookings can be made by Aker BP</li> </ul>	

### 8.2.2 Process Technician

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	

Valve course (NOG 143)	n/a
Fittings and smallbore tubing systems (NOG 143)	4 years
EX safety and awareness - petroleum industry	5 years
EX safety and awareness for mechanical disciplines - petroleum industry	5 years
Authorised Gas controller course	n/a
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

## 8.3 Maintenance Roles

### 8.3.1 Automation technician

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
Havtil/IEC-61892 series (Offshore)	5 years
FSE Low voltage	1 year
Valve course (NOG 143)	n/a
Fittings and smallbore tubing systems (NOG 143)	4 years
EX Basic	5 years
EXI Basic	5 years
EX Maintenance	5 years
Operation and maintenance of Safety Instrumented Systems SIS	2 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.3.2 Deck operator

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
IMDG Dangerous goods by sea (1 day) for deck personnel	2 years
G5 Offshore Crane simulator for deck personnel	3 years
Deck Operator Certificate (optional)	n/a
SRC (VHF/UHF) certificate	n/a
NORSOK R-003 (latest revision) Safe use of lifting equipment	5 years
Mod. P-2.4 Simple Lifting Devices	n/a
Mod. P-4.4 Rigging	5 years
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
Mod. O-2.6 Packing, securing and loading	n/a

EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.3.3 Electrician

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
Havtil/IEC-61892 series (Offshore)	5 years
FSE High and Low voltage	1 year
EX Basic	5 years
EXI Basic	5 years
EX Maintenance	5 years
<b>Note to Contractor:</b> Contractor to clarify with Company if high voltage competence is needed.	
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.3.4 Mechanic

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
Flange Work (NS-EN 1591-4)	5 years
Mod. P-2.4 Simple Lifting Devices	n/a
Mod. P-4.4 Rigging	5 years
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
NORSOK R-003 (latest revision) Safe use of lifting equipment	5 years
EX safety and awareness for mechanical disciplines - petroleum industry	5 years
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.3.5 NDT technician

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
Radiation protection (industrial radiography)	10 years

Welding Inspector (NS 477 or CSWIP) 5 modules	10 years
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.3.6 Bridge and overhead crane operator

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
G4 Operator of bridge and overhead crane	4 years
NORSOK R-003 (latest revision) Safe use of lifting equipment	5 years
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.3.7 Offshore crane operator

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
IMDG Dangerous goods by sea (1 day) for deck personnel	2 years
SRC (VHF/UHF) certificate	n/a
G5 Offshore Crane certificate and G5 simulator course (Mod. P-4.1.1)	3 years
NORSOK R-003 (latest revision) Safe use of lifting equipment	5 years
Mod. P-4.4 Rigging	5 years
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
Mod. P-2.4 Simple lifting devices	n/a
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.3.8 Crane Mechanic

Please see Kahuna

### 8.3.9 Pipefitter Smallbore tubing

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	

Fittings and smallbore tubing systems (NOG 143)	4 years
EX safety and awareness for mechanical disciplines - petroleum industry	5 years
EX safety and awareness - petroleum industry	5 years
Small bore tubing- high pressure systems with cone and tread connection	n/a
<b>Internal Requirement</b>	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.3.10 PSV mechanic


COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
Compact flenses – introduction to audits and inspection	n/a
Flange Work (NS-EN 1591-4)	5 years
Valve course (NOG 143)	n/a
Fittings and smallbore tubing systems (NOG 143)	4 years
PSV Inspection and verification (Safety valves)	n/a
EX safety and awareness - petroleum industry	5 years
EX safety and awareness for mechanical disciplines - petroleum industry	5 years
<b>Internal Requirement</b>	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.3.11 Banksman-Flagman (not for offshore crane)

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
EX safety and awareness - petroleum industry	5 years
<b>Internal Requirement</b>	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.3.12 Welder

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	

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Welding certificate	n/a
EX safety and awareness – petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### **8.3.13 Telecom-Data technician**

<b>COMPETENCE REQUIREMENT</b>	<b>Freq.</b>
Regulatory Requirement	
Havtil/IEC-61892 series (Offshore)	5 years
FSE Low voltage	1 year
EX Basic	5 years
EXI Basic	5 years
EX Maintenance	5 years
SRC (VHF) certificate	n/a
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### **8.3.14 Rope access supervisor**

<b>COMPETENCE REQUIREMENT</b>	<b>Freq.</b>
Regulatory Requirement	
NS 9600:2020 – Rope access supervisor (sikringsleder) - completed certification	As described in NS 9600:2020
EX safety and awareness - petroleum industry	5 years

### **8.3.15 Rope access technician**

<b>COMPETENCE REQUIREMENT</b>	<b>Freq.</b>
Regulatory Requirement	
NS 9600:2020 – Operator Level 1 – completed certification	As described in NS 9600:2020
NS 9600:2020 – Operator Level 2 – completed certification	As described in NS 9600:2020
NS 9600:2020 – Operator Level 3 – completed certification	As described in NS 9600:2020
EX safety and awareness - petroleum industry	5 years

### 8.3.16 Certified worker scaffolding

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
Certificate of apprenticeship in accordance with the Education Act	n/a
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.3.17 Uncertified worker scaffolding

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
Training in accordance with module 1, module 4 and additional module 4.2 in the NS 9700-1:2016 (chapter 5)	n/a
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.3.18 Certified worker painting

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
Certificate of apprenticeship as industrial painter in accordance with the Education Act	n/a
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.3.19 Uncertified worker painting

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
Shall be qualified by contractor internal training and experience as described in NORSOK M-501:2022 (11.2), or FROSIO Certified operator according to "FROSIO Scheme for approval and certification of surface treatment operators"	n/a
EX safety and awareness - petroleum industry	5 years
Internal Requirement	



Fall protection, NS-9610 / NOG 113 (if applicable)	4 years
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### **8.3.20 Certified worker insulation**

<b>COMPETENCE REQUIREMENT</b>	<b>Freq.</b>
Regulatory Requirement	
Certificate of apprenticeship as Isolator in accordance with the Education Act	n/a
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### **8.3.21 Uncertified worker insulation**

<b>COMPETENCE REQUIREMENT</b>	<b>Freq.</b>
Regulatory Requirement	
Shall be qualified by contractor internal training as described in NORSOK M-004:2018 (5.1.1) Theoretical examination and practical site test	n/a
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### **8.3.22 Turbine mechanic**

<b>COMPETENCE REQUIREMENT</b>	<b>Freq.</b>
Regulatory Requirement	
Flange Work (NS-EN 1591-4)	5 years
Valve course (NOG 143)	n/a
Fittings and smallbore tubing systems (NOG 143)	4 years
EX safety and awareness - petroleum industry	5 years
EX safety and awareness for mechanical disciplines - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### **8.3.23 HVAC technician**

<b>COMPETENCE REQUIREMENT</b>	<b>Freq.</b>
Regulatory Requirement	
FSE low voltage	1 year


Air Balancing Basic (Sintef)	n/a
Fittings and smallbore tubing systems (NOG 143)	4 years
Additional for duct cleaning: Dry ice Cleaning	n/a
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### **8.3.24 HVAC technician with electrical competence**

<b>COMPETENCE REQUIREMENT</b>	<b>Freq.</b>
Regulatory Requirement	
FSE low voltage	1 year
Air Balancing Basic	n/a
Havtil/IEC-61892 series (Offshore)	5 years
EX Basic	5 years
EXI Basic	5 years
EX Maintenance	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### **8.3.25 Refrigeration technician**

<b>COMPETENCE REQUIREMENT</b>	<b>Freq.</b>
Regulatory Requirement	
FSE low voltage	1 year
F-Gas Certificate Category 1	5 years
NORSOK-R003 (latest revision) Safe use of lifting equipment	5 years
Soldering Certificate ISO-13585/912	5 years
EX safety and awareness – petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

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## 8.4 Other roles

### 8.4.1 Catering assistant

(Re. common requirements, chapter 7)

### 8.4.2 Steward (Catering supervisor)

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
Basic 40-hour HSE course	n/a

### 8.4.3 Chef

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
Industrial hygiene basic course	5 years

### 8.4.4 Radio operator

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
EMS (Environmental Monitoring System) (MIROS) user learning 1-day course	n/a
METAR -weather observations practical module and theoretical modules	1 year
ROC-Restricted Operators Certificate	5 years

### 8.4.5 Safety advisor

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
Radiation protection (industrial radiography)	10 years
LRA measurement, equipment-specific user course (TRACERCO or AUTOMESS)	4 years
SRC (VHF) certificate	n/a
Authorised Gas controller course (HSE role)	5 years
Basic 40-hour HSE course	n/a
EX safety and awareness - petroleum industry	5 years
Emergency preparedness and response	
Incident Site Controller Basic course	2 years

## 8.5 Drilling and wells

All roles within drilling and wells and well service have a work permits – in depths study requirement in addition to the following:

### 8.5.1 Assistant driller contractor

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
G4 Operator of bridge and overhead crane	4 years
G20 Operator of fixed hydraulic crane	n/a
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
Well control for drilling personnel IADC	2 years
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.5.2 Well site leader Aker BP contractor

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
Bachelor's degree	n/a
RVK Regulatory course (drilling & wells)	n/a
RVK Regulatory course (general)	n/a
Basic 40-hour HSE course	n/a
Well control for drilling personnel IADC/IWCF	2 years
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.5.3 Assistant crane operator (Offshore crane) drilling contractor

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
IMDG Dangerous goods by sea (1 day) for deck personnel	2 years
SRC (VHF) certificate	n/a
G4 Operator of bridge and overhead crane	4 years
G5 Offshore Crane certificate and G5 sim (Mod. P-4.1.1)	3 years
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.5.4 Derrick man/Assist. Derrick man drilling contractor

COMPETENCE REQUIREMENT	Freq.
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Regulatory Requirement	
G4 Operator of bridge and overhead crane	4 years
Mod. P-2.4 Simple Lifting Devices	n/a
G20 Operator of fixed hydraulic crane	n/a
Mod. P-4.4 Rigging	5 years
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
Authorised Gas controller course	n/a
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### **8.5.5 Driller Contractor**

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
RVK Regulatory course (drilling & wells)	n/a
RVK Regulatory course (general)	n/a
G20 Operator of fixed hydraulic crane	n/a
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
Well control for drilling personnel IADC/IWCF	2 years
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### **8.5.6 Electrician drilling contractor**

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
Havtil/IEC-61892 series (Offshore)	5 years
FSE Low voltage	1 year
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
EX Basic	5 years
EX Maintenance	5 years
EXI Basic	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### **8.5.7 Automation/Data technician drilling contractor**

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	

Havtil/IEC-61892 series (Offshore)	5 years
FSE Low voltage	1 year
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
EX Basic	5 years
EX Maintenance	5 years
EXI Basic	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### **8.5.8 Maintenance supervisor drilling contractor**

<b>COMPETENCE REQUIREMENT</b>	<b>Freq.</b>
Regulatory Requirement	
Havtil/IEC-61892 series (Offshore)	5 years
FSE Low voltage	1 year
Mod.P-2.4 Simple Lifting Devices	5 years
Mod. P-4.4 Rigging	5 years
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
EX Basic	5 years
Authorised Gas controller course	n/a
Basic 40-hour HSE course	n/a
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### **8.5.9 Material coordinator – drilling contractor**

<b>COMPETENCE REQUIREMENT</b>	<b>Freq.</b>
Regulatory Requirement	
Hazardous waste	2 years
IMDG Dangerous goods by sea (2 days)	2 years
SRC (VHF) certificate	n/a
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### **8.5.10 Mechanic drilling contractor**

<b>COMPETENCE REQUIREMENT</b>	<b>Freq.</b>
Regulatory Requirement	


Hydraulics I	n/a
Hydraulics II	n/a
Flange Work (NS-EN 1591-4)	5 years
Valve course (NOG 143)	n/a
Fittings and smallbore tubing systems (NOG 143)	4 years
Mod. P-2.4 Simple Lifting Devices	n/a
Mod. P-4.4 Rigging	5 years
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
Authorised Gas controller course	n/a
EX safety and awareness for mechanical disciplines - petroleum industry	5 years
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### **8.5.11 Roughneck drilling contractor**

<b>COMPETENCE REQUIREMENT</b>	<b>Freq.</b>
Regulatory Requirement	
Mod. P-2.4 Simple Lifting Devices	n/a
G20 Operator of fixed hydraulic crane	n/a
Mod.P-3.3 Winch Operator	5 years
Mod. P-4.4 Rigging	5 years
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### **8.5.12 Roustabout drilling contractor**

<b>COMPETENCE REQUIREMENT</b>	<b>Freq.</b>
Regulatory Requirement	
IMDG Dangerous goods by sea (1 day) for deck personnel	n/a
Mod. P-2.4 Simple Lifting Devices	n/a
G20 Operator of fixed hydraulic crane	n/a
Mod. P-4.4 Rigging	5 years
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

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### **8.5.13 Safety advisor drilling contractor**

<b>COMPETENCE REQUIREMENT</b>	<b>Freq.</b>
Regulatory Requirement	
ATEX course- use of equipment in explosive atmosphere	5 years
RVK Regulatory course (general)	n/a
Authorised gas controller course (HSE)	5 years
Basic 40-hour HSE course	n/a
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### **8.5.14 Senior toolpusher/senior toolpusher contractor**

<b>COMPETENCE REQUIREMENT</b>	<b>Freq.</b>
Regulatory Requirement	
RVK Regulatory course (drilling & wells)	5 years
RVK Regulatory course (general)	n/a
G20 Operator of fixed hydraulic crane	n/a
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
Basic 40-hour HSE course	n/a
Well control for drilling personnel IADC/IWCF	2 years
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### **8.5.15 Welder/ roustabout drilling contractor**

<b>COMPETENCE REQUIREMENT</b>	<b>Freq.</b>
Regulatory Requirement	
IMDG Dangerous goods by sea (1 day) for deck personnel	2 years
Welding certificate applicable to the type of welding performed at site	2 years
Mod. P-2.4 Simple Lifting Devices	n/a
G20 Operator of fixed hydraulic crane	n/a
Mod. P-4.4 Rigging	5 years
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years



## 8.6 Well service roles

### 8.6.1 Well Intervention Supervisor (WIS)

Please see Kahuna

### 8.6.2 CT operator

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
IMDG Dangerous goods by sea (1 day) for deck personnel	2 years
SRC (VHF) certificate	n/a
G4 Operator of bridge and overhead crane	4 years
Mod. P-2.4 Simple Lifting Devices	n/a
G20 Operator of fixed hydraulic crane	n/a
Mod. P-4.4 Rigging	5 years
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
Well control for well intervention personnel IWCF or IADC certificate	2 years
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.6.3 CT overall supervisor

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
IMDG Dangerous goods by sea (1 day) for deck personnel	2 years
SRC (VHF) certificate	n/a
G4 Operator of bridge and overhead crane	4 years
Mod. P-2.4 Simple Lifting Devices	n/a
G20 Operator of fixed hydraulic crane	n/a
Mod. P-4.4 Rigging	5 years
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
Well control for well intervention personnel IWCF or IADC certificate	2 years
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.6.4 CT supervisor

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
IMDG Dangerous goods by sea (1 day) for deck personnel	2 years
SRC (VHF) certificate	n/a
G4 Operator of bridge and overhead crane	4 years
Mod. P-2.4 Simple Lifting Devices	n/a
G20 Operator of fixed hydraulic crane	n/a
Mod. P-4.4 O-1.1 Rigging Alternatively module 2.3 (G11)	5 years
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
Well control for well intervention personnel IWCF or IADC certificate	2 years
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.6.5 Wireline operator

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
IMDG Dangerous goods by sea (1 day) for deck personnel	2 years
Flange Work (NS-EN 1591-4)	5 years
SRC (VHF) certificate	n/a
G4 Operator of bridge and overhead crane	4 years
Mod. P-2.4 Simple Lifting Devices	n/a
G20 Operator of fixed hydraulic crane	n/a
Mod. P-4.4 Rigging	5 years
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
Well control for well intervention personnel IWCF or IADC certificate	2 years
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.6.6 Wireline supervisor

COMPETENCE REQUIREMENT	Freq.
Regulator Requirement	
IMDG Dangerous goods by sea (1 day) for deck personnel	2 years

SRC (VHF) certificate	n/a
G4 Operator of bridge and overhead crane	4 years
Mod. P-2.4 Simple Lifting Devices	n/a
G20 Operator of fixed hydraulic crane	n/a
Mod. P-4.4 Rigging	5 years
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
Well control for well intervention personnel IWCF or IADC certificate	2 years
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.6.7 Deck operator Well service

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
IMDG Dangerous goods by sea (1 day) for deck personnel	2 years
G5 Offshore Crane simulator for deck personnel	3 years
Deck Operator Certificate (optional)	n/a
SRC (VHF/UHF) certificate	n/a
NORSOK R-003 (latest revision) Safe use of lifting equipment	5 years
Mod. P-2.4 Simple Lifting Devices	n/a
Mod. P-4.4 Rigging	5 years
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
Mod. O-2.6 Packing, securing and loading	n/a
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years

### 8.6.8 Offshore crane operator

COMPETENCE REQUIREMENT	Freq.
Regulatory Requirement	
IMDG Dangerous goods by sea (1 day) for deck personnel	2 years

SRC (VHF/UHF) certificate	n/a
G5 Offshore Crane certificate and G5 sim (Mod. P-4.1.1)	3 years
NORSOK R-003 (latest revision) Safe use of lifting equipment	5 years
Mod. P-4.4 Rigging	5 years
Mod. O-1.1 G11 Lifting equipment (alt. Module 1 + 2.3)	4 years
Mod P-2.4 Simple lifting devices	5 years
EX safety and awareness - petroleum industry	5 years
Internal Requirement	
Fall protection, NS-9610 / NOG 113 (if applicable)	4 years