



International  
Association  
of Oil & Gas  
Producers

# IOGP Diving Operations Sub Committee



DOSC update to NUI Diving Seminar  
9<sup>th</sup> November 2021

# Diving operations

## Diving reports

### Diving Recommended Practice

*Report No: 411*

Diving Operations involve a unique combination of occupational health and safety issues performed in an unforgiving environment where errors can quickly develop into fatal accidents.

### Oxy-Arc Underwater Cutting Recommended Practice

*Report No: 471*

Underwater oxy-arc cutting, also commonly referred to as "burning" has been utilized extensively in the underwater diving environment. This Recommended Practice has been developed to assist with the management of this activity and provide control measures, guidance and processes to ensure the safe execution of this technique.

### Diving worksite representative roles, responsibilities & training

*Report No: 431*

This document is to sets out IOGP's recommendations on the competence of diving representatives.

### Saturation Diving Emergency Hyperbaric Rescue Performance requirements

*Report No: 478*

The evacuation and rescue of saturation divers maintained in storage onboard a vessel or facility and including those deployed in a diving bell or habitat. The rescue is complete when all divers have completed any decompression and bendwatch and are at normobaric pressure.

### Diving System Assurance recommended practice

*Report No: 468*

The Diving System Assurance recommended practice provides a systematic approach that verifies the adequacy of a diving system, its operating processes and the competence of personnel with the minimum agreed standards.

# Diving Recommended Practice

*Report No: 411*

## Recommended Practices for Diving Operations

Diving Operations involve a unique combination of occupational health and safety issues performed in an unforgiving environment where errors can quickly develop into fatal accidents.



Revision	Description	Date
2	Major revision	2021 Jan
1	initial release	2008 Jun

# Major changes

This revision aims to capture those improvements and provide a systematic approach to the management of diving operations for IOGP Members.

Its design is consistent with IOGP Report 510 - Operating Management System Framework, and this report is supplementary to IOGP Report 511 - OMS in practice and IOGP Report 423 – HSE management guidelines for working together in a contract environment. Reports 411, 511, and 423 should be used in the following hierarchy:

- 1) IOGP Report 511 - OMS in practice
- 2) IOGP Report 423 - HSE Management – working together in a contracting environment
- 3) IOGP Report 411 - Diving Recommended practice

Inclusion of additional annexes inc:

- Appendix A. Breathing gas purity – Air/Nitrox/Heliox
- Appendix D. Underwater Ships Husbandry
- Appendix K. Surface Supplied Offshore Diving – Air
- Appendix L. Surface supplied diving – NITROX



**Diving worksite representative  
roles, responsibilities & training**

Report No. 431  
November 2009

## Diving worksite representative roles, responsibilities & training

*Report No: 431*

This document sets out IOGP's recommendations on the competence of diving representatives.



*International Association of Oil & Gas Producers*

Revision	Description	Date
1	Initial release	2009 Nov

# IOGP 431 Work Group

Work group formed with members from SHELL, BP, EXXON, CHEVRON & BHP

Focus areas of the work group include:

Redefining the scope of the document to allow its use beyond upstream.

Competency matrix for the Diving Worksite Representatives to ensure they hold the correct level of skill set relevant to the work site they are providing the oversight on.

Expanding the document to include roles and responsibilities for senior roles like Diving Subject Matter Expert and Technical Authorities.

# Diving System Assurance recommended practice

*Report No: 468*

## Diving System Assurance recommended practice

The Diving System Assurance recommended practice provides a systematic approach that verifies the adequacy of a diving system, its operating processes and the competence of personnel with the minimum agreed standards.



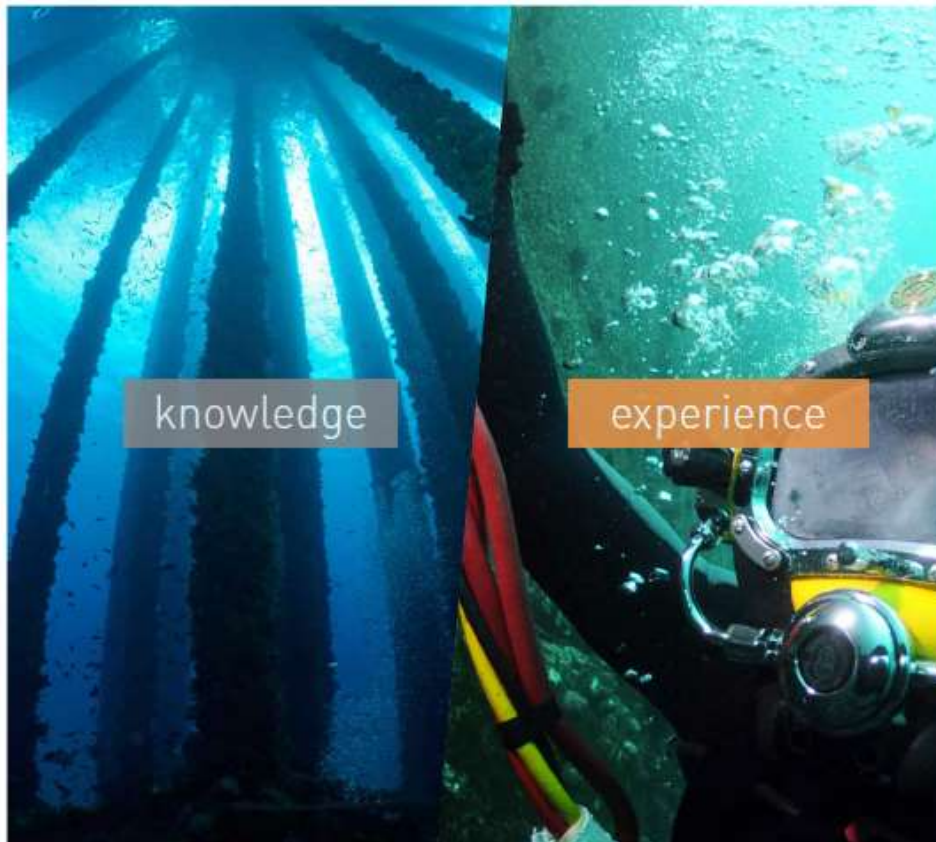
Revision	Description	Date
1	Initial release	2016 Feb

# Oxy-Arc Underwater Cutting Recommended Practice

*Report No: 471*

## Oxy-arc underwater cutting recommended practice

Underwater oxy-arc cutting, also commonly referred to as “burning” has been utilized extensively in the underwater diving environment. This Recommended Practice has been developed to assist with the management of this activity and provide control measures, guidance and processes to ensure the safe execution of this technique.



Revision	Description	Date
2	Update to the training section	2015 Mar
1	initial release	2012 Jul



## Performance of saturation diving emergency hyperbaric evacuation and recovery

## Saturation Diving Emergency Hyperbaric Rescue Performance requirements

*Report No: 478*

The evacuation and rescue of saturation divers maintained in storage onboard a vessel or facility and including those deployed in a diving bell or habitat. The rescue is complete when all divers have completed any decompression and bendwatch and are at normobaric pressure.



Revision	Description	Date
2	Revision	2018 Jan
1	initial release	2014 Oct

# Major changes in Rev 2.0

- Updated section 9 (Emergency drills and training)
- New Appendix A: HEP template
- New Appendix B: HEP Safety Critical Element Analysis
- New Appendix C: Example Matrix of Permitted Operations
- Minor edits to sections 5 and 8