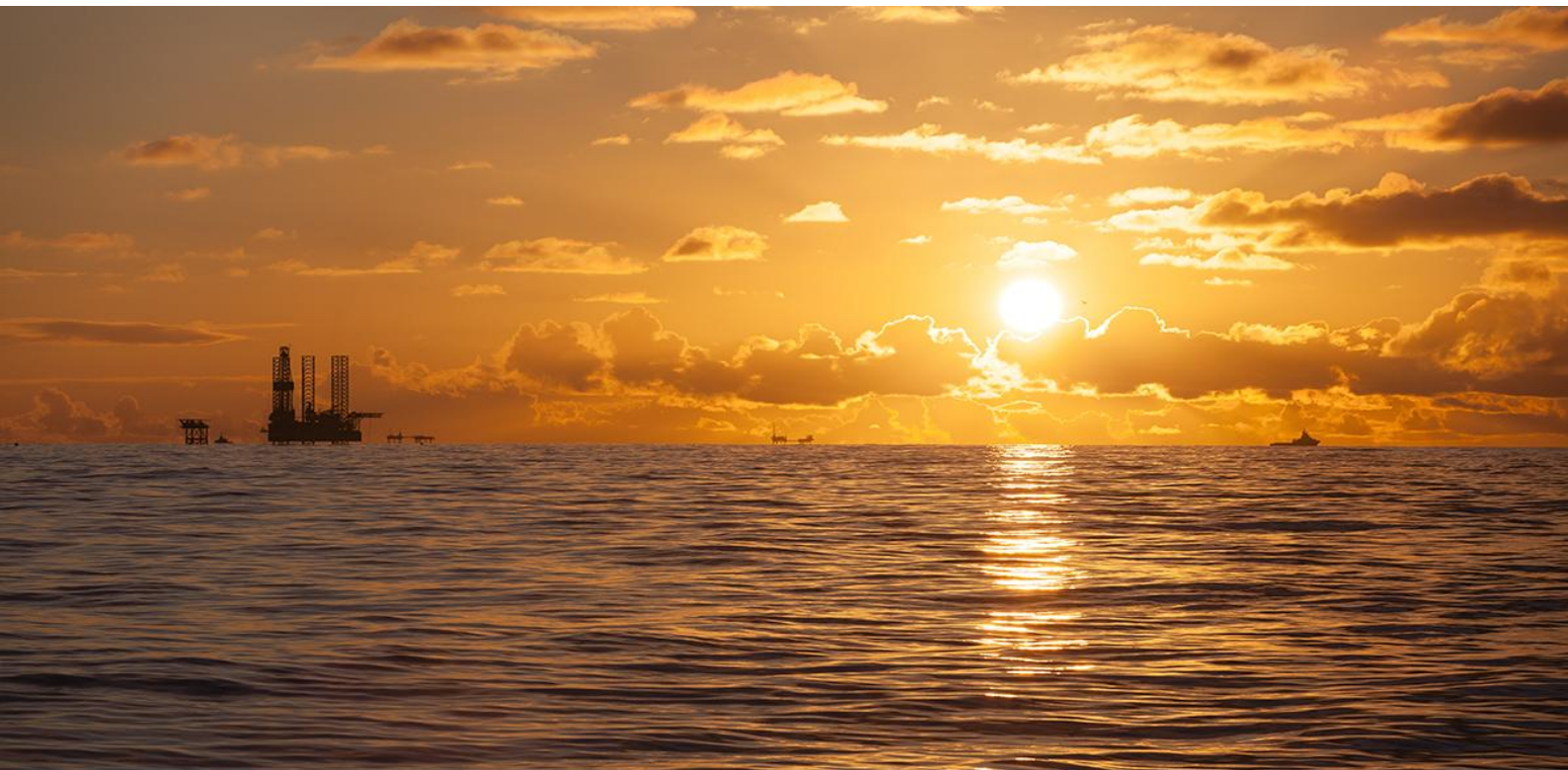


Industry Guideline for H₂S Safety Training on the Danish Continental Shelf

Valid from 19th March 2026



**DANSK
OFFSHORE**

Document control

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1. Acknowledgements

This Guideline has been developed by the Dansk Offshore Safety Training Workgroup with members from the operators and suppliers on the Danish continental shelf to adopt a common standard on H₂S safety training of offshore personal.

The guideline has been approved by the Dansk Offshore HSE Committee representatives from the following companies:

- INEOS Energy DK
- TotalEnergies
- BlueNord
- Semco Maritime
- NorSea Group
- Altrad

This guideline is support to the individual company training department and procedures for offshore training and it is up to each operator and supplier to implement this guideline. The industry employees should always familiarize themselves with the rules applicable in their company.

In addition to all those who provided comments during the development process, Dansk Offshore would like to acknowledge the contributions made by members of the workgroup who undertook the review of this guideline.

These are including representatives from the following companies:

- INEOS Energy DK
- TotalEnergies

2. Introduction

2.1 Purpose and Scope of the Industry Guideline for H₂S Training

Dansk Offshore seeks to ensure a high safety training standard and this guideline for H₂S safety training shall be seen as a part of this.

This Guideline applies to all fixed and mobile oil and gas installations in the Danish sector of the North Sea.

This Guideline outlines the learning objectives for H₂S safety training required by operators for personnel travelling offshore to installations where H₂S may be present.

This Guideline is intended for all those involved in the oil and gas industry, including oil and gas companies, rig owners/operators and suppliers.

2.1 The Regulatory Frame

§ 20 of the Offshore Safety Act 833 (shown below in Danish) outlines the requirements for H₂S training when H₂S may be present on an offshore installation

Link: <https://www.retsinformation.dk/eli/ta/2018/833>

3. Philosophy

The guideline has been developed due to a high degree of uniformity and bridged safety training between offshore stakeholders in the Danish sector of the North Sea.

4. Framework

This guideline is a supplement to the policies and procedures for H₂S safety training in the individual companies.

4.1 Operators

It is for operators to identify all the initiatives required to implement the H₂S training guideline effectively.

Duty Holders should ensure that information related to the content of this guideline be conveyed to all relevant stakeholders such as Service-/supplier Companies and other visitors on offshore installations.

5. H₂S training

5.1 Learning Objectives

Lesson	Time	Slide	Subject	▪ Contents	Objective	Form	Means
1.0	08:00 08:15	1-5	Introduction	<ul style="list-style-type: none"> General introduction to the course content House rules during the course 	<ul style="list-style-type: none"> Training personnel to explanation on: <ul style="list-style-type: none"> The house rules at MHSS The physical content of the course The programme including test 	SD	BD, PP
1.1	08:15 09:00	6-18	Theory about H ₂ S and First Aid	<ul style="list-style-type: none"> H₂S gas, its common names and where it is ordinarily found The physical properties and characteristics of H₂S Common definitions such as parts per million (ppm) and occupational exposure limits (OEL) First aid in general and in H₂S areas 	<ul style="list-style-type: none"> Training personnel to explain the content and ensure that the delegates are competent in their knowledge of: <ul style="list-style-type: none"> How H₂S is created/formed Areas where H₂S is commonly found H₂S in Well Services and Drilling Operations The properties and characteristics of H₂S gas Chemical used for H₂S removal or treatment The physiological effects of H₂S gas and the critical factors which determine the degree of harm to humans The occupational/workplace exposure limits (WEL) of H₂S 	SD	BD, PP
Break	09:00 09:20			<ul style="list-style-type: none"> Participants receive a complimentary breakfast 			Break
1.2	09:20 10:20	19-35	H ₂ S effects on materials, Contingencies, Detection and Protective equipment	<ul style="list-style-type: none"> The metallurgical effect of H₂S on steel and other components Contingency plans Actions to be taken in the event of an alarm Muster procedures How H₂S is detected and the use of onsite & personal detection equipment Theory of protection equipment against H₂S. e.g. Filter masks and Emergency Escape Breathing Devices 	<ul style="list-style-type: none"> The delegates are informed of the effect H₂S has on steel, rubber and other materials. How to responding to an alarm PPE's when working with H₂S Knowledge of how to perform pre-use checks on personal detection equipment & operation The delegates are shown donning procedures for the protection equipment. 	SD	BD,PP, VI
Break	10:20 10:30						Break
1.3	10:30 11:15	36	Muster exercise	<ul style="list-style-type: none"> A practical exercise where the delegates are to don breathing apparatus at a muster point 	<ul style="list-style-type: none"> The delegates are to demonstrate donning of protection equipment for H₂S. 	DE	EX
1.4	11:15 11:50	37-48	Test	<ul style="list-style-type: none"> Test Test corrected in plenum 	<ul style="list-style-type: none"> Delegates complete a written test of 20 questions. The delegates correct each other's test in plenum in corporation with the instructor 	IW, TE	HA, EX
1.5	11:50 11:55	49-51		<ul style="list-style-type: none"> Summarize 	<ul style="list-style-type: none"> To emphasise the key points of the course. 	SD, FB	PP
1.6	11:55 12:00		Evaluation	<ul style="list-style-type: none"> evaluation 	<ul style="list-style-type: none"> Delegate evaluation of the course. 	IW	HA

5.3 Validity of the Certificate

The H₂S training validity is 4 years for the H₂S training on the Danish Continental Shelf.

5.4 Bridging of North Sea H₂S training

In the NOIA collaboration the work of bridging safety training is described in the document "Guidelines for Mutual Recognition of Specialised Safety and Emergency Response Training for North Sea Operations"

Link: <https://danskoffshore.dk/offshore-sikkerhedstraening/>

5.5 Verification

The company whose employees participate in the course is responsible for ensuring that the course adheres to the provided Industry Guideline for H₂S Training.