

# TRAINING SYSTEM CERTIFICATE

Certificate No.:  
TSC-DNVGL-TNTS-01676-1

Issued:  
2017-08-21

Valid until:  
2020-09-16

Issued for:

**HUET -**

## Helicopter Underwater Escape Training

Provided at the training facility Maritimes Kompetenzzentrum Elsfleth gGmbH, Elsfleth.  
Specified in Annex 1

Issued to:

**Deutsche WindGuard Offshore GmbH**

An der Weinkaje 4  
26931 Elsfleth

According to:

**DNV GL Technical Note: Certification of Trainings in the  
Renewable Energy Industry, Rev. 2, 2015-02-09**

**DNV GL Requirements for  
Helicopter Underwater Escape Training (HUET), Rev 0,  
2013-12-16**

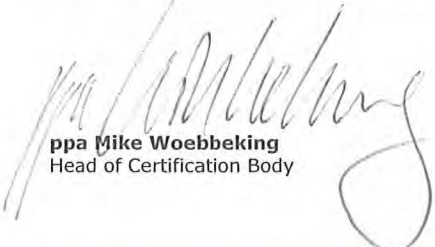
Based on the documents:

CR-TSC-DNVGL-TNTS-01676-1      Certification Report GWO Basic Safety Training Offshore and  
Helicopter Underwater Escape Training HUET, dated 2017-08-17

Changes of the documentation, structure and the processes of the training system or the provider's  
quality system are to be approved by DNV GL.


Hamburg, 2017-08-21

For DNV GL Renewables Certification

  
ppa Mike Woebbeking  
Head of Certification Body

Hamburg, 2017-08-21

For DNV GL Renewables Certification

  
i. A. Reinhold Heller  
Project Manager, Lead Auditor

# TRAINING SYSTEM CERTIFICATE

## ANNEX 1

Certificate No.: TSC-DNVGL-TNTS-01676-1

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The training course 'HUET – Helicopter Underwater Escape Training' is developed in accordance with the Quality Management System of Deutsche WindGuard Offshore GmbH.

### **Target group:**

The training course is designed for employees of the Offshore Wind Energy Industry as well as the Offshore Industry in general travelling to offshore wind farms and other offshore installations via helicopter.

### **Learning objectives:**

The training is developed to prepare participants that intend to travel to and from offshore wind farms and other offshore installations by helicopter by providing specific training in pre-flight and in-flight requirements and to equip participants with the basic emergency response knowledge and skills in the event of a helicopter emergency. Specific focus is put on escaping from a helicopter after ditching and capsizing.

### **Content and duration:**

The training is divided into the following sections and subsections:

- Helicopter travel
  - Boarding procedure (theoretical lesson)
  - Personal Protective Equipment (theoretical lesson with demonstration)
  - Pre-flight conduct and procedures (theoretical lesson)
  - In-flight conduct and procedures (theoretical lesson)
  - Exit and removing from helicopter (theoretical lesson)
- Helicopter emergencies
- Emergency situations; technical, weather, crash (theoretical lesson)
- Emergency response, conduct / procedures (theoretical lesson with demonstration)
- Practical demonstration and exercises in the training pool
- Use of transit suit, lifejacket and Emergency Breathing System (EBS) and /or Compressed Air-Emergency Breathing System (CA-EBS)
- Use of aviation liferaft
- Evacuation of helicopter, on-water, under water and capsize, using nominated exits and push-out windows

The overall duration of the training course is 8 hours, equally divided into 4h theoretical lessons and 4h practice in the training pool.

The trainer to delegate (T/D) ratio is maximum 1:12 during the theoretical lessons and max. T/D = 1:4 during the practical exercises and demonstration in the training pool.

### **Certificates of attendance:**

On successful participation of the training each trainee receives a certificate stating date and duration of the training.

### **Framing Stipulations** are defined for:

- Organization and administration of the training
- Prerequisites, qualification and further education of the trainers and instructors
- Continuous improvement process on the basis of evaluations and feedback by the participants.