



<b>Product title:</b>	<b>Helideck Emergency Response Team Leader Further (including HERTM Further practical exercises) Training Standard</b>
<b>Product code:</b>	7542
<b>Product type:</b>	OPITO Standard
<b>Product category:</b>	Oil and Gas / Specialist Emergency Response / Helideck and Emergency Response Teams
<b>Date of last update:</b>	19/07/2024 – Following the formal review of the OPITO Helideck Training and Competence Formal Review 2023 the updated Product spec has been released with date of implementation 19/09/2024. Please refer to OPITO Helideck Training and Competence Formal Review outcomes document within the document tab in the HUB for full details of changes.

## Who is the Product for?

This Product is for currently-appointed OPITO-certified HERTLs that are required to revalidate their OPITO HERTL certification by refreshing and updating their knowledge and skills in aspects of their role that they cannot practice in the workplace.

Training and competence assessment of OPITO-approved Helideck Emergency Response Team Leaders (HERTLs) will comprise both onshore training and offshore workplace training and assessment. This Helideck Emergency Response Team Leader (HERTL) Training Product forms part of a wider industry Helideck Training and Competence Framework including helideck operations initial training, helideck emergency response team member and team leader initial/further training and associated helideck role workplace competence assessment standards. Further information on the wider industry Helideck Training and Competence Framework is depicted in Helideck Training and Competence Framework - See supporting document

### Appointment of HERTMs and HERTLs

The Installation, MODU or vessel Duty Holder is responsible for ensuring that personnel appointed to Helideck Emergency Response Team Member (HERTM) and Helideck Emergency Response Team Leader (HERTL) roles have received sufficient training and gained relevant experience to undertake the role(s) competently and safely.

The Duty Holder must ensure that, apart from the provision of onshore training:

- a) Workplace training is provided and workplace competence assessment is conducted, AND
- b) Additional Training - e.g. Dangerous Goods by Air Awareness (DGbA), radio operator's certificate of competence (HERTL only), helicopter refueling (where required) additional helideck operations initial training (where they have been out of the role for 3 or more years) and meteorological/weather reporting training (where required by duty holder) is provided before the HERTL or HERTM is appointed to the role(s).

### OPITO-certified HERTL Training

- (1) The HERTL Initial Training will be conducted at an onshore training centre
- (2) The HERTL Further Training – this programme involves updating and refreshing relevant knowledge and undertaking practical emergency response training in the HERTL role not able to be

conducted offshore. HERTL candidates will also undertake further practical training in the HERTM role during the practical exercises where they are not required to perform the role as HERTL

### **What does this Product cover?**

This Product allows learners to refresh elements of HERTL training that cannot be completed in the workplace and updating HERTLs on key changes to helicopter operations, systems, relevant legislation and regulation over the previous 2 years (approx.)

### **How can you successfully achieve this Product?**

To achieve the Helideck Emergency Response Team Leader Further Training the learner will need to complete the one mandatory unit.

### **What could this Product lead to?**

N/A

### **What are the entry requirements?**

The prerequisites for the HERTL Further Training are:

- (a) A valid OPITO Helideck Emergency Response Team Leader Training Certificate
- or**
- (b) A valid OPITO Helideck Emergency Response Team Leader Further Training Certificate
- or**
- (c) A valid OPITO Helideck Operations Initial Training certificate and a valid Helideck Emergency Response Team Member (HERTM) certificate and a valid Offshore Emergency Response Team leader (OERTL) Certificate.

#### **Medical entry requirements**

Training activities contained within this Product may include physically demanding and potentially stressful elements. All personnel who participate in such activities must be capable of participating fully.

Therefore, OPITO-approved training centres are required, as a minimum, to ensure that prior to participating in practical exercises the learner is declared fit, in that they

- a) Possess a valid, current offshore medical certificate or
- b) Possess an operator approved medical certificate,

And

- c) Undergo medical screening by completing an appropriate medical screening form provided by the OPITO-approved Centre

The OPITO-approved Centre shall keep a record of the learners' declaration(s) of fitness in accordance with their document control policy(s) or procedures. This information, along with summary details of the type of

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physical activities the delegate/candidate will be asked to perform, will be given to learners by the OPITO approved Centre and, if applicable, to their sponsoring company as part of the joining instructions. The responsibility for declaring any current or pre-existing medical conditions that could have adverse effects to the individual's state of health while undertaking the training and/or assessment activities lies with the learner and/or company sponsoring the learner. Where doubt exists regarding the fitness of any learner, the OPITO-approved Centre must direct the individual to consult a medical officer familiar with the nature and extent of the training.

Note: Practical exercises must be designed and delivered solely to meet this Product and must not place on the learners any demands other than those required to meet the Product.

### Country Specific if applicable?

N/A

### How is this Product assessed?

Learners will be assessed against the outcomes specified in accordance with the assessment guidance detailed in each unit.

### Are there and ratios that must be adhered to for the delivery of this Product?

The **minimum** number of learners attending this programme is 4 and the maximum number is 12.

The following ratios specify the maximum number of learners that must be supervised by one instructor at any one time during each training event.

Theory 1:12

Demonstration 1:12

Practical Exercises 1:6

**Note:** For the HERTM, HERTM Further Training, HERTL and HERTL Further Training programmes, the maximum delegate numbers and theory ratio may be exceeded to accommodate company/installation emergency response teams. However practical supervision ratios must not be exceeded..

### What are the Guided Learning Hours?

14.5 hours Note: For the HERTM, HERTM Further Training, HERTL and HERTL Further Training programmes, the guided learning hours may differ to accommodate company/installation emergency response teams. However all other requirements of the Product must be met, unless stated otherwise.

### What staff resources are required to deliver this Product?

#### Staff

Instructional staff must:

(a) Fully understand the requirements of this industry standard.

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- (b) Have been trained in training delivery and training assessment techniques.
- (c) Hold an industry-recognised assessor qualification.
- (d) Participate in an ongoing training and development programme which ensures that they are aware and knowledgeable of relevant industry requirements and changes to requirements.
- (e) Possess occupational experience in firefighting and practical knowledge of helicopter emergency response operations

All staff will have the appropriate competencies to conduct or assist (as appropriate) with the element of training being undertaken.

OPITO Centres must have an auditable training programme in place to ensure instructors keep up-to-date with relevant current offshore practices and changes. The programme must include at least two of the following: visit(s) to offshore fixed or mobile installations, visit(s) to heliports, visit(s) to dry-docked rigs that have helidecks.

## What facilities and equipment are required to deliver this Product?

### Facilities

For details of facility and equipment, please refer to OPITO Standards Heli-training Facility and Equipment Specification Document

### First Aid Facilities

Appropriate first aid facilities and equipment as specified in the training centre's risk assessments, and sufficient staff trained in the use of the facilities and equipment.

All facilities must be maintained and where appropriate, inspected and tested in accordance with current standards/legislation and manufacturers recommendations.

Risk assessments must be conducted and documented for all training facilities and equipment.

### Equipment

Equipment used during practical exercises must be of a type in use regionally on offshore oil and gas installation/vessel helidecks.

For details of facility and equipment, please refer to OPITO Standards Heli-training Facility and Equipment Specification Document

All equipment must be maintained, and where appropriate, inspected and tested in accordance with current standards/legislation, guidance and manufacturers recommendations.

## What is the validity of this Product?

2 years

Please note: If the expiry date on the learners previous certificate is within 90 days prior of the course enrolment date then the date of the new certificate should correspond with the expiry date of the existing/previous certificate unless stated otherwise by the Duty Holder or Asset Owner or Operator.

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## Product Summary

### Product Structure:

To achieve the Helideck Emergency Response Team Leader Further Training the learner will need to complete the one mandatory unit.

Unit Code	Unit Title
OIS-384	HERTM Further (Practical Exercises)
OIS-28	HERTL Further Training

## Unit Summary

Unit Code	OIS-384
Title	HERTM Further (Practical Exercises)
Guided Learning Hours	See GLH at Product level
Assessment Guidance	<p>To successfully complete this programme, learners must be able to demonstrate the unit outcomes (in the role of HERTM) during exercises where they are not performing the role of HERTL):</p> <p>Learners must successfully complete all practical exercises in order to achieve this Unit.</p> <p>Practical elements must be covered, using appropriate combinations of all of the following scenarios:</p> <ul style="list-style-type: none"><li>(a) Helicopter incident resulting in crash/overturned aircraft involving fire/no fire</li><li>(b) Engine fire</li><li>(c) Fuel Spill during refuelling operations resulting in fire/no fire</li><li>(d) Emergency/precautionary landing</li><li>(e) Responding to Class A fires caused by helicopter incident</li><li>(f) Responding to *Class B fires (flammable liquid spill and leaking fuel fires) caused by helicopter Incident</li><li>(g) Rescue from an overturned aircraft</li><li>(h) Internal fire fighting</li><li>(i) Responding to a helicopter incident off the helideck</li><li>(j) Loss of fire main/pressure</li></ul> <p>Note:*Class B fires: For environmental purposes, smoke suppression or clean-burn systems are acceptable for reducing smoke during Class B fire exercises</p>
Assessment/Evidence Requirements	Records of assessment referencing all outcomes, must be securely maintained.

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OUTCOMES	CRITERIA
<p><b>1 Outcome: Carry out effective emergency response to incidents on or around a Helideck</b></p> <p><b>The learner will perform:</b></p>	<p>1.1 Emergency access and egress to and from helidecks including clear, concise and effective communications with HERTL and team members</p> <p>1.2 Update HERTL on progress against the emergency response plan at appropriate times</p> <p>1.3 Respond appropriately to HERTL direction during emergencies including the correct selection of appropriate fire-fighting equipment for the incident</p> <p>1.4 Under direction from the HERTL: approach the incident area in a controlled manner – continually assessing how the changes in the emergency could impact on the safety of other ERT members, maintaining a means of escape from the incident area</p> <p>1.5 Effective execution of emergency response tasks</p> <p>1.6 Work with back-up emergency response teams – where required to do so</p> <p>1.7 Appropriate response to non-firefighting operations during helicopter incident</p>
<p><b>2 Outcome: Use firefighting equipment correctly</b></p> <p><b>The learner will perform:</b></p>	<p>2.1 Conduct helicopter incident firefighting operations, to include responding to a helicopter engine fire using a CO2 media extended applicator</p> <p>2.2 Correct donning, using and control monitoring air consumption of breathing apparatus (BA) when instructed by HERTL (all learners to practice correct donning, using and control monitoring air consumption of the BA)</p> <p>2.3 Effective use of firefighting fixed, portable and mobile systems, including fixed fire monitors, dry chemical and CO2 fire extinguishment and control media</p> <p>2.4 Hose-running techniques and associated hazards</p>

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	2.5 Respond to an NUI helideck fire (with limited firefighting equipment)
3 <b>Outcome: Execute search and rescue activities</b>  <b>The learner will perform:</b>	3.1 Effective Search and rescue (SAR) principles and techniques – on or close to the helideck, locating, extracting and handling missing personnel and casualties following a helicopter incident on the helideck  3.2 Correct casualty handling techniques

Unit Code	OIS-28
Title	HERTL Further Training
Guided Learning Hours	See GLH at Product level
Assessment Guidance	<p><b>Assessment Guidance for Outcome 1</b></p> <p>Centres must ensure that learners receive all theoretical learning specified in each Unit Outcome prior to any practical assessment taking place.</p> <p>Centres must also be able to demonstrate that learners have achieved an understanding of the information and concepts detailed in each of the Unit Outcomes. This may be achieved through a variety of methods, including but not limited to: group or individual discussion, verbal or written questioning, scenarios, virtual simulation, and eLearning.</p> <p><b>Assessment Guidance for Outcomes 2 - 4</b></p> <p>Centres must ensure that learners receive all theoretical learning specified in each Outcome prior to any practical assessment taking place.</p> <p>Following theoretical learning and sufficient explanations and/or demonstrations by the Centre to enable learners to practice and demonstrate the following simulated emergency response to helideck and helicopter, learners will be observed undertaking practical exercises covering all the criteria specified.</p> <p>Learners must successfully complete all practical exercises in order to achieve this Unit.</p> <p>Practical elements must be covered, using appropriate combinations of all of the following scenarios:</p> <ul style="list-style-type: none"> <li>(a) Helicopter incident resulting in crash/overturned aircraft involving fire/no fire</li> <li>(b) Engine fire</li> <li>(c) Fuel Spill during refuelling operations resulting in fire/no fire</li> <li>(d) Emergency/precautionary landing</li> <li>(e) Responding to Class A fires caused by helicopter incident</li> </ul>

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	<p>(f) Responding to *Class B fires (flammable liquid spill and leaking fuel fires) caused by helicopter Incident</p> <p>(g) Rescue from an overturned aircraft</p> <p>(h) Internal fire fighting</p> <p>(i) Responding to a helicopter incident off the helideck</p> <p>(j) Loss of fire main/pressure</p> <p>Note:*Class B fires: For environmental purposes, smoke suppression or clean-burn systems are acceptable for reducing smoke during Class B fire exercises</p>
Assessment/Evidence Requirements	Records of assessment referencing all outcomes, must be securely maintained.

OUTCOMES	CRITERIA
<p><b>1 Outcome: All aspects of helideck operations and helicopter emergency response</b></p> <p><b>The learner will understand:</b></p>	<p>1.1 Key parts of relevant helideck operations regulations and guidelines</p> <p>1.2 The principles of helicopter emergency response.</p> <p>1.2.1 helideck ER team priorities during an emergency</p> <p>1.2.2 firefighting systems; fixed and mobile</p> <p>1.2.3 review requirements for pre-use checks, donning, using and control monitoring air consumption of breathing apparatus</p> <p>1.2.4 search and rescue on the helideck and inside the helicopter</p> <p>1.2.5 casualty management</p> <p>1.2.6 Human Factors during emergency response including stress affecting decision making, physical limitations and sources of assistance available during emergency events</p> <p>1.2.7 awareness and understanding of back up crew during protracted incident</p>
<p><b>2 Outcome: Leading an effective emergency response to incidents on or around a Helideck</b></p> <p><b>The learner will perform:</b></p>	<p>2.1 Emergency access and egress to and from helidecks including clear, concise and effective communications with all relevant ER personnel</p>

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	<p>2.2 Direct the helideck team in a clear and confident manner during emergencies including the correct selection of appropriate fire-fighting equipment for the incident</p> <p>2.3 Direct entry to the incident area in a controlled manner – continually assessing how the changes in the emergency could impact on the safety of the HERT members, maintaining a means of escape from the incident area</p> <p>2.4 Effective delegation of emergency response tasks to team members</p> <p>2.5 Appropriate response to non-firefighting operations during helicopter incident</p> <p>2.6 Continually monitor human factors during emergency response including;</p> <p>2.6.1 stress affecting decision making in self and team</p> <p>2.6.2 physical limitations of self and team</p> <p>2.7 Utilising back-up ER Team via the Team Leader (this only requires briefing the back-up team leader)</p> <p>2.8 Conduct dynamic risk assessment during the emergency situation and obtain feedback against the plan</p>
<p>3 <b>Outcome: Leading the use of firefighting equipment correctly</b></p> <p><b>The learner will perform:</b></p>	<p>3.1 Control helicopter incident firefighting operations, to include responding to a helicopter engine fire using a CO2 media extended applicator</p> <p>3.2 Ensure correct donning, using and control monitoring air consumption of breathing apparatus (BA) of HERT members (all learners to practice correct donning, using and control monitoring air consumption of the BA)</p> <p>3.3 Ensuring effective use of firefighting fixed, portable and mobile systems, including fixed fire monitors, dry chemical and CO2 fire extinguishment and control media</p> <p>3.4 Hose-running techniques and associated hazards</p>

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	3.5 Respond to an NUI helideck fire (with limited firefighting equipment)
4 <b>Outcome: Directing search and rescue activities</b>  <b>The learner will perform:</b>	<p>4.1 Effective Search and rescue (SAR) principles and techniques – on or close to the helideck, locating, extracting and handling missing personnel and casualties following a helicopter incident on the helideck</p> <p>4.2 Missing persons and casualty management, to include:</p> <p>4.2.1 prioritizing</p> <p>4.2.2 accounting for missing personnel</p> <p>4.2.3 casualty handling techniques</p>

## ABOUT OPITO

OPITO is the global, not-for-profit, skills body for the energy industry. For over three decades the company has ensured safety is at the forefront of operations, with more than 375,000 people trained every year.

## Links

<https://opito.com/>

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