



Product title:	Offshore Emergency Response Team Leader Further (including OERTM Further Practical exercises) Training Standard
Product code:	4650
Product type:	OPITO Standard
Product category:	Oil and Gas / Specialist Emergency Response / Helideck and Emergency Response Teams
Date of last update:	19/05/2023 - Date of last update field added to product spec

Who is the Product for?

This Product is for existing offshore emergency team leaders that are required to revalidate their OPITO OERTL certification by completing training scenarios that they are unable to undertake offshore.

The oil and gas industry recognises that a major objective is to prevent incidents occurring, and if they do occur to control them and minimise their effect. It is important therefore to set common standards in emergency response and to ensure that they are maintained. Before personnel can be assessed against the standards they will require the knowledge and skills to enable them to carry out the emergency response tasks involved. They will require emergency response training and practice before being assessed.

The purpose of this Product is to set out the basic training, further practice and assessment requirements for Offshore Emergency Response Team Leaders which will be conducted at an onshore training centre. The learner should recognise that this is only part of a broader training programme. There will also be company and installation-specific emergency response training, most of which will be conducted offshore on a regular basis as offshore drills and exercises.

For the purposes of this Product the definition of an Offshore Emergency Response Team Leader is a person who:

- Has responsibility for an individual Emergency Response Team
- May take responsibility for more than one team as the Senior Team Leader

Appointment of OERTLs

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

The Duty Holder must ensure that, apart from the provision of onshore training, workplace training is provided and competence assessment is conducted.

OPITO-certified OERTL Training

- (1) The OERTL Initial Training – which will be conducted at an onshore training centre
- (2) The OERTL Further Training – this programme involves updating and refreshing relevant knowledge and undertaking practical emergency response training in the OERTL role not able to be conducted offshore. OERTL learners will also undertake further practical training in the OERTM role during the practical exercises where they are not required to perform the role as OERTL

Workplace Training and Assessment

In addition to the onshore-based training, company and site-specific training and assessment will typically be conducted offshore.

OERTL emergency response training that can be conducted offshore will be conducted on a regular basis during drills and exercises. Workplace OERTL Competence guidance for duty holders is specified in the OERTL Workplace Competence document.

Note: This Product does not include practical training for accommodation fires involving ventilation fire in compartments where backdraft potential exists. Other specialist training exists in this area and should be undertaken where deemed necessary.

What does this Product cover?

This programme allows Offshore Emergency Response Team Leader learners to practise and be assessed on live-fire exercises which they would not be able to conduct in the workplace.

How can you successfully achieve this Product?

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

What could this Product lead to?

N/A

What are the entry requirements?

The prerequisites for this training programme are:

a) A valid Initial OPITO Offshore Emergency Response Team Leader (OERTL) certificate

OR

b) A valid Further OPITO OERTL Training 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 or

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 physical activities the learner will be asked to perform, will be given to learners by the OPITO approved Centre

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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 any ratios that must be adhered to for the delivery of this Product?

OERTL Further Training - Minimum learners 6, and Maximum 12

The following ratios indicate the maximum number of learners to be supervised by one Instructor at any one time during each activity.

Theory 1:12
Demonstrations 1:12
Practical Exercises 1:6

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

What are the Guided Learning Hours?

12 hours

An approximate ratio of 10% theory to 90% practical is appropriate for this training programme.

What staff resources are required to deliver this Product?

Instructional training staff must:

- (a) Fully understand the requirements of this industry standard.
- (b) Possess occupational expertise and have proven experience in firefighting and emergency response operations at supervisory level.
- (c) Have been trained in training delivery and training assessment techniques.
- (d) Hold an industry-recognised assessor qualification.
- (e) Participate in an ongoing training and development programme which ensures that they are aware and knowledgeable of relevant industry requirements and changes to requirements.

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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: visits to offshore fixed or mobile installations, visits to heliports, visits to dry-docked rigs.

What facilities and equipment are required to deliver this Product?

Facilities

It is important to ensure that the full range of facilities is made available to ensure learners get the most out of their training. The following facilities criteria must be adhered to:

Practical training area(s) so designed to enable each learner to, as a team leader or as part of a team, participate fully in the following:

(a) Using fire hose, hose fittings, hydrants, hose branches, portable monitors, hose running and branch handling on walkways and stairways, against two or more of the following:

- I. Class A contained fire (mandatory requirement)
- II. Class B contained spill fire
- III. Class B flowing fire
- IV. Class C (gas) fire

(b) Isolating fuel valves on a hydrocarbon pressure-fed fire whilst using water for structural and personal protection

(c) Using foam producing equipment against a Class B hydrocarbon flowing and contained spill fires

(d) Donning and wearing working duration breathing apparatus on open and enclosed multi level structure(s).

There must be at least one multilevel structure with a minimum of 3 levels, with open and enclosed spaces on each level.

The following requirements must be met for operations across multiple levels in a single structure.

I. Being smoke-logged and heated using cosmetic, real smoke and fire

II. Being accessed internally and externally by the use of stairs, fixed ladders and walkways

III. Containing

i. internal Class A contained fire(s), Class B contained spill fire(s), Class B pressure-fed fire(s) and

ii. external Class B pressure-fed fires, Class B contained spill fire(s) Class B flowing fires and Class C (gas) fire(s)

IV. Allowing realistic firefighting operations to be conducted

(e) Firefighting and protecting a structure housing a simulated pressure vessel and associated pipework.

(f) Confined space [for confined space incident]

(g) Rescue of casualties from elevated work area with restricted access (height of between 2-4 metres)

Note: Class B fires: For environmental purposes, smoke suppression or clean-burn systems are acceptable for reducing smoke during Class B fire exercises

Firewater Reservoir Tank/Vessel

Firewater reservoir of sufficient capacity to enable all firefighting exercises to be completed.

Firewater Pumping Capability

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1. Firewater pumping capacity adequate to supply practical fire exercise areas at full training capacity.
2. Firewater pumping system back-up capability to supply adequate pressurised water to the exercise area in the event of the main pump/s failure.
3. Adequate controls and safety arrangements to shut off fuel to fires in event of fire water failure.
4. Low firewater pressure alarm or a means of monitoring firewater pressure.

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

The following equipment, of a type in use regionally on offshore oil and gas installations is required to meet the needs of the training programme exercises.

Firefighting Equipment

- (a) Hand adjustable foam-producing fire monitors
- (b) Dry powder and CO2 cart/trolley
- (c) Portable extinguishers:
 - i. Water
 - ii. dry powder
 - iii. foam
 - iv. CO2.
- (d) Fire hoses
- (e) variety of branches: aspirated and non-aspirated
- (f) foam inductors
- (g) water fire hose reel
- (h) fire-lighting equipment for lighting fires safely

Other equipment

- (i) Stretchers
- (j) Harnesses
- (k) Slings
- (l) working duration breathing apparatus and cylinders
- (m) breathing apparatus entry control equipment
- (n) first aid equipment
- (o) resuscitation equipment
- (p) casualty simulators
- (q) Fire fighting PPE
- (r) Chemical spill kit
- (s) Chemical Personal Protective Equipment (PPE)
- (t) Torches/flashlights

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

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What is the validity of this Product?

2 years

Please note: If the expiry date on the learners previous certificate is within 3 months 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.

Product Summary

Product Structure:

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

Unit Code	Unit Title
OIS-11	Further Offshore Emergency Response Team Leader

Unit Summary

Unit Code	OIS-11
Title	Further Offshore Emergency Response Team Leader
Guided Learning Hours	See GLH at Product level
Assessment Guidance	<p>Assessment Guidance for Outcome 1 and 2</p> <p>Learners will have previously demonstrated their knowledge and their skills and will have been assessed as competent Offshore Emergency Response Team Leaders. During this programme they will be given the opportunity to demonstrate, as detailed below, their knowledge and skills required when dealing with live fire and emergency response situations as an Offshore Emergency Response Team Leader in aspects which they cannot reasonably practise offshore. OERTL learners will also undertake further practical training in the OERTM role during exercises where they are not required to perform the role as OERTL.</p> <p>Learners must successfully complete all practical exercises in order to achieve this Unit.</p> <p>Practical exercises used must include appropriate combinations of all of the following scenarios:</p> <p>Fire-related Incidents:</p> <ul style="list-style-type: none">(a) Accommodation (multi-level) including galley or laundry fires(b) Process area (open and closed) including internal and external high pressure and pool fires(c) Machinery space including engine room/plant room(d) Fabrication area including workshop/paint store(e) Closed containers or cylinders exposed to fire. <p>Non fire related incidents:</p>

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	<p>(f) Unignited gas and liquid releases</p> <p>(g) Chemical incident</p> <p>(h) Confined space incident</p> <p>(i) Working at height incident with restricted access</p> <p>Each learner must be involved in at least one scenario covering all 3 levels of a multi-level structure and must include casualty recovery and hose management, with a charged hose.</p> <p>Notes for i)</p> <p>(1) Height must be a minimum of 2 metres and a maximum of 4 metres</p> <p>(2) Basic rescue exercise without specialist support involving non-suspended casualty.</p> <p>(3) Restricted access would involve the use of equipment such as ladder, access hatch, stretcher.</p> <p>(4) Elevated work area examples include scaffolding, crane operator cabin, elevated maintenance area etc.</p>
Assessment/Evidence Requirements	Records of assessment referencing all outcomes, must be securely maintained.

OUTCOMES	CRITERIA
<p>1 Outcome: Leading practical fire and non-fire related incidents as OERTL</p> <p>The learner will perform:</p>	<p>1.1 Implement an appropriate initial response plan by conducting an effective Incident Brief for the emergency in a clear and concise manner, confirming ER team's understanding.</p> <p>1.2 Establish and maintain effective communications with all relevant ER personnel.</p> <p>1.3 Direct ER team's response and entry to the incident area with due regard to emergency response team safety and operability emergency response equipment (e.g. fixed or portable firefighting equipment and rescue equipment).</p> <p>1.4 Effective delegation of tasks to ER team members.</p> <p>1.5 Conduct dynamic risk assessment throughout the emergency.</p> <p>1.6 Obtain situational updates against the initial plan and adjust plan accordingly where</p>

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	<p>appropriate, ensuring changes are communicated clearly to ER team.</p> <p>1.7 Effectively monitor breathing apparatus (BA) control.</p> <p>1.8 Recognize and effectively deal with stress in the OERTM.</p> <p>1.9 Request and brief ER support teams prior to deployment.</p> <p>1.10 Ensure casualties receive appropriate due care and attention.</p> <p>1.11 Conduct post-incident debrief and ensure operational readiness.</p>
<p>2 Outcome: Participating in practical fire and non-fire related incidents as an OERTM</p> <p>The learner will perform:</p>	<p>2.1 How to select and operate the correct firefighting equipment and media to extinguish different types of fires.</p> <p>2.2 Breathing apparatus control board procedures.</p> <p>2.3 How to identify and don the appropriate emergency response PPE required for the OER team member.</p> <p>2.4 The operation, donning and wearer checks of working duration breathing apparatus.</p> <p>2.5 Participation in an incident brief.</p> <p>2.6 Selection and use of correct portable fire-fighting equipment.</p> <p>2.7 Selection, operation and flushing of foam firefighting equipment.</p> <p>2.8 Extinguishing of different types of fires and securing the area.</p> <p>2.9 Effective communication with OERTL and OER team members during an incident.</p> <p>2.10 The key considerations and actions whilst entering and working in the incident area.</p>

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	<p>2.11 Correct search and rescue procedures and techniques.</p> <p>2.12 The correct steps involved in initial casualty assessment and recovery.</p> <p>2.13 Participation in a post-incident debrief.</p>
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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

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