
Overview

The unit deals with the following:

- 1 Identify and locate helicopter operational hazards, hazardous areas, access routes and points
- 2 Identify, locate and operate all relevant equipment and controls
- 3 Conduct emergency exercises

During this work you must take account of the relevant operational requirements and safe working practices **AS THEY APPLY TO YOU.**

Previous Version: Unit ER13 – National Occupational Standards for Emergency Response – July 2001

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Maintain a state of readiness

Performance criteria

You must be able to:

- P1 identify and locate unignited fuel spillages, ignited fuel spillages and pyrotechnic fire hazards in accordance with procedures, and reported all fire hazards to appropriate persons
- P2 identify and locate static electricity, aircraft hazards and electrical system hazards in accordance with procedures and reported all electrical hazards to the appropriate persons
- P3 identify and locate all helicopter rotor, flotation device, hydraulics, escalation and helicopter construction technical hazards in accordance with procedures and reported all technical hazards to the appropriate persons
- P4 identify and locate the means of shutting down the aircraft and confirmed the method of operation in accordance with aircraft shutdown procedures
- P5 identify, locate and operate the helideck firewater valves, inert gas systems, fire extinguishing systems and release valves, foam system and release valves, fire main hydrants and isolation valves in accordance with procedures
- P6 identify, locate and operate the fire fighting hoses, hose reels, branches, foam and foam equipment, extinguishers and BA sets in accordance with procedures.
- P7 identify, locate and operate the heli fuel system control valves in accordance with procedures
- P8 establish pre-planned lines and channels of communication and notify the OIM, Radio Operator, company (onshore) helicopter crew, Emergency Helideck Team, Fire Team, Crane Operator, Standby Vessel and other vessels or installations, as appropriate and in accordance with procedures
- P9 conduct a structured briefing and debriefing with the emergency helideck team
- P10 conduct pre-planned scenario based exercises including crash on deck, emergency/ precaution landing, crash on deck major spillage with no fire, significant fuel spillage- rotors running, evacuation by helicopter, man overboard, attempted wheels up landing and helicopter landing incident, with the emergency helideck team in accordance with procedures
- P11 record the outcomes of exercises and the details of those participants involved in the exercises in accordance with legislation and procedures

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Maintain a state of readiness

Knowledge and understanding

You need to know and understand:

- K1 offshore fire/emergency response arrangements
- K2 role of emergency helideck team member
- K3 fire, electrical and technical hazards
- K4 procedures - UKOOA's management of offshore helideck operations, OPITO HLO handbook, company, installation, guidance, CAP 437, ACOP's, Prevention of Fire Explosion and Emergency Response regulations, Management Administration Regulations, management of Health and Safety at Work Act regulations
- K5 emergency evacuation plan
- K6 layout of helidecks and surrounding areas
- K7 location of equipment and controls
- K8 fixed fire systems, aircraft fixed fire systems
- K9 portable fire and rescue equipment
- K10 positioning and use of fuel control valves
- K11 typical incidents
- K12 potential problems
- K13 channels and lines of communication

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Maintain a state of readiness

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Suite Emergency Response

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