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### Overview

The unit deals with the following:

- 1 Identify and locate helicopter hazards, hazardous areas, access routes and points
- 2 Identify and locate all relevant equipment and controls
- 3 Pre-plan the response to likely incidents

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

**Previous Version:** Unit ER19 – National Occupational Standards for Emergency Response – July 2001

# COGER19

## Respond to emergencies on offshore helidecks

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### Performance criteria

*You must be able to:*

- P1 identify and locate unignited and ignited fuel spillage and pyrotechnic fire hazards in accordance with procedures and report the fire hazards to the HLO, RO, other Helideck Team Members and the Helicopter Crew
- P2 identify and locate static electricity and aircraft and electrical system hazards in accordance with procedures and report the electrical hazards to the HLO, RO, other Helideck Team Members and the Helicopter Crew
- P3 identify and locate technical hazards associated with helicopter rotors, flotation devices, hydraulics, escalation and helicopter construction in accordance with procedures and report the technical hazards to the HLO, RO, other Helideck Team Members and the Helicopter Crew
- P4 identify and locate external means of shutting down the engine in accordance with procedures and confirm the method of operation
- P5 identify and locate the helideck fixed fire systems including the firewater deluge valves, insert gas and fire extinguishing system release valves, the foam system and release valves, the fireman hydrants and isolation valves and confirm the method of operation and report any faults to the HLO, in accordance with procedures
- P6 identify and locate the aircraft fixed fire systems and confirm the method of operation
- P7 identify and locate the portable fire and rescue equipment including hoses, reels and branches, foam equipment and extinguishers in accordance with procedures and report any faults to the HLO
- P8 identify and locate the fuel control valves and confirm the method of operation in accordance with fuel control valve procedures and report any faults to the HLO
- P9 collect by observation and assessment of alarm panels, audible warnings and verbal, and report all available information in an appropriate manner and in accordance procedures. Use the information to predict timescales, available means and resources, equipment and personnel availability, the scale of damage and casualties associated with a typical incident in accordance procedures
- P10 use all available information in an appropriate manner to predict likely problems associated with the protection of the response team, life saving prioritisation, damage limitation, risk prioritisation and potential incident escalation in accordance with procedures
- P11 use all information available including the incident and problem predictions, to determine actions in accordance with procedures
- P12 pre-plan all lines and channels of communication via the command structure and using verbal, personal radio methods notify the HLO, procedures

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## Respond to emergencies on offshore helidecks

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### 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
- K5 layout of helidecks and surrounding areas
- K6 location of equipment and controls
- K7 fixed fire systems
- K8 portable fire and rescue equipment
- K9 positioning and use of fuel control valves
- K10 information to be collected
- K11 methods of information collection
- K12 typical incidents
- K13 potential problems
- K14 channels and lines of communication

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## Respond to emergencies on offshore helidecks

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**Relevant occupations** Engineering and manufacturing technologies; Engineering; Process, Plant and Machine Operatives; Plant and Machine Operatives

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**Suite** Emergency Response

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