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### Overview

The unit deals with the following:

- 1 Carry out fire fighting operations in an emergency situation
- 2 Carry out non-fire fighting operations in an emergency situation

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

**Previous Version:** Unit ER22 – National Occupational Standards for Emergency Response – July 2001

# COGER22

## Minimise loss to helicopter and platform structure

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### Performance criteria

*You must be able to:*

- P1 use helideck foam monitors, hoses, reels and branches to optimum effect to fight fire in accordance with procedures
- P2 monitor the effectiveness of the fixed firefighting systems and take remedial action to redress deficiencies in the water pumping capacity, control mechanisms, water pressure and standby reserves in accordance with procedures
- P3 select the appropriate portable extinguishers hoses, reels, branches, foam and foam equipment, firefighting equipment in accordance with procedures
- P4 use the appropriate portable firefighting equipment by running out hoses using the rolled on female couplings and dutch rolled methods. Make up hoses using rolled out female coupling and dutch rolled methods. Hold branches and make connections to ancillary equipment. Add lengths to hoses and make replacements to burst lengths. Use foam lay on female couplings and dutch rolled methods. Make up hoses using rolled out female coupling and dutch rolled methods. Hold branches and make connections to ancillary equipment. Add lengths to hoses and make replacements to burst lengths. Use foam lay out, compound and container equipment in accordance procedures
- P5 operate the monitor controls and evaluate the operation for optimum effectiveness taking appropriate action to remediate deficiencies in controls
- P6 maintain escape routes in accordance with procedures
- P7 deal with unignited fuel spillage in accordance with procedures
- P8 take the appropriate action to minimise water smoke and heat damage
- P9 clean the service equipment and replenish the stocks in accordance with procedures

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## Minimise loss to helicopter and platform structure

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### Knowledge and understanding

*You need to know and understand:*

- K1 uses and limitations of fixed systems
- K2 uses and limitations of portable systems
- K3 types of foam concentrate, application techniques and equipment usage
- K4 uses and limitations of water, CO<sub>2</sub>, halon and dry chemical extinguishers
- K5 choosing and maintaining safety routes
- K6 procedures
- K7 characteristics and dangers of various fuels
- K8 choice of actions to be taken in differing circumstances
- K9 cleaning methods and materials to be used with service equipment
- K10 required stock levels and sources of supply

# COGER22

## Minimise loss to helicopter and platform structure

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**Status** Original

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**Originating organisation** Cogent

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**Original URN** ER22

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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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**Key words** minimise, loss, helicopter, platform, carry out, fire fighting, operations