

COGC4

Contribute to the control of emergencies and critical situations



Overview

This unit is about contributing to the control of emergencies and critical situations. You will be involved in activities such as:

- 1 contributing to the control of critical situations
- 2 responding to emergencies in other areas

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Performance criteria

- You must be able to:*
- P1 identified developing and existing critical situations
 - P2 activated all relevant alarms and taken actions appropriate to the situation
 - P3 effectively monitored the situation and minimised risks to personnel, process, plant and equipment
 - P4 reported the critical situation correctly
 - P5 reacted appropriately to information received
 - P6 taken immediate action to make the situation safe
 - P7 minimised risks to personnel, process, plant and equipment
 - P8 worked safely and in accordance with operational requirements

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Knowledge and understanding

You need to know and understand:

- K1 the operation of and potential implications of Emergency Shutdown systems
- K2 the principles and operation of Fire and Gas control systems
- K3 the internals of equipment and their function and operation
- K4 the installation/site layout
- K5 the effect and potential implications of loss of any utility and its reinstatement
- K6 how to react appropriately (e.g. make safe; isolate; shutdown; evacuate the work area)

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Additional Information

Scope/range related to performance criteria

- 1 how to select, use and care for PPE (to include sight/hearing protection, gloves, footwear, hard hats, respirators)
- 2 the implications of statutory (e.g. HASAWA and COSHH) and organisational requirements
- 3 how to interpret operational requirements (e.g. relevant policies, procedures, instructions, codes of practice, standards, schedules)
- 4 emergency procedures relevant to the workplace
- 5 individual operation
- 6 team operation
- 7 consideration of H2S and other toxic substances
- 8 maintaining continuous communication
- 9 reacting to on-site emergencies

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