
Overview

This standard deals with the following:

1. Identify and deal with hazards and risks arising from contingencies in supervised and controlled areas – this covers the competence required to ensure that hazards are recognised and the associated risk, including those arising from contingencies, minimised
2. Minimise risks to life, property and the environment in supervised and controlled areas – this covers the competence required to ensure that organisational procedures designed to safeguard life, property and the environment in supervised and controlled areas are fully and consistently implemented

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

The activity is likely to be undertaken by someone working in a Nuclear Decommissioning environment.

Performance criteria

You must be able to:

P1 work safely at all times, complying with health and safety and other relevant regulations and guidelines

P2 recognise industrial processes, tools, equipment and materials that have the potential to cause harm

P3 check for hazards in the workplace in line with agreed and approved procedures

P4 identify hazards and assess the level and severity of the risk involved within your area of responsibility

P5 prioritise these and take action to minimise the risk and implement control measures in the minimum agreed timescales

P6 call for expert help in the event of contingencies occurring, using warning systems as appropriate

P7 take prompt and appropriate action to minimise risk of personal and third party injury as a first priority and then damage to property and equipment

P8 follow shutdown and evacuation procedures promptly and correctly

P9 deal safely with dangers that can be contained using appropriate equipment and materials, in accordance with organisational policy and procedures

P10 report any hazards identified and any actions you have taken

P11 inform all those who are affected of the risk control measures in place and clarify any implications for them as required

P12 ensure that information provided for safety system records is clear, accurate and up-to-date

P13 monitor the effectiveness of the risk control measures and take prompt additional action where needed

Knowledge and understanding

You need to know and understand:

K1 health and safety legislation, regulations and safe working practices and procedures

K2 the agreed methods to enter/leave controlled/supervised areas

K3 the principles of contamination and radiation control

K4 the principles of radiation dose control

K5 the change room procedures and barrier procedures

K6 the methods and techniques used in hazard spotting and safety assessment

K7 the types of hazards involving processes, tools, equipment and materials

K8 the effects of hazards on persons, property and the environment

K9 the actions to minimise risk from hazards

K10 safety reporting procedures and documentation

K11 reporting lines and procedures

K12 first aid procedures

K13 evacuations procedures

K14 contingency reporting documentation and systems

K15 site and building emergency procedures

K16 the causes of emergency within the work area

COGN402

Identify and minimise hazards and risks in a Nuclear Decommissioning environment.



Scope/range