

ASTFFL10 - SQA Unit Code H54M 04

Prevent further damage to structures and contents by flooding



Overview

This standard is about preventing any further damage to structures and contents by flooding when undertaking flood clean-up operations. It includes stopping the flow of unwanted water, preventing any secondary damage and cleaning away any residues.

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Performance criteria

Stop the flow of unwanted water

You must be able to:

- P1 select and wear the correct **personal protective equipment** required
- P2 use the correct **tools and equipment** safely and effectively
- P3 take the necessary **action** to minimise the further flow of unwanted water into premises
- P4 **prevent** unwanted water from flowing to unaffected areas of premises
- P5 maintain the health and safety of yourself and others whilst stopping the flow of unwanted water

Prevent secondary damage to structures and contents

You must be able to:

- P6 select and wear the correct **personal protective equipment** required
- P7 use the correct **tools and equipment** safely
- P8 remove contents that are to be dried elsewhere or disposed of safely to a suitable location
- P9 take **actions** to prevent secondary damage to structure and remaining contents
- P10 make sure that secondary damage has been prevented

Remove unwanted water and clean away residue

You must be able to:

- P11 select and wear the correct **personal protective equipment** required
- P12 use the correct **tools and equipment**
- P13 take the necessary **actions** to remove unwanted water and clean away residue
- P14 make sure that contaminated water is disposed of safely and correctly, following current regulations
- P15 make sure that unwanted water has been removed and that any residue has been cleaned away
- P16 maintain the health and safety of yourself and others whilst removing unwanted water

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Knowledge and understanding

You need to know and understand:

Stop the flow of unwanted water

- K1 the correct personal protective equipment required and where to get it
- K2 the reasons why personal protective equipment should be worn
- K3 the hazards and risks involved in dealing with flood or unwanted water, particularly when dealing with contaminated water
- K4 what tools, equipment and documents you should use
- K5 what actions are appropriate to take to minimise further flow of unwanted water
- K6 what actions are appropriate to take to prevent unwanted water from flowing to unaffected areas of the property and why this is important

Prevent secondary damage to structures and contents

You need to know and understand:

- K7 the correct personal protective equipment required and where to get it
- K8 the reasons why personal protective equipment should be worn
- K9 what tools, equipment and documents you require
- K10 how to decide which contents should be removed
- K11 the hazards associated with dealing with flood water and how to minimise the risks to health and safety
- K12 what actions you take to prevent secondary damage and why this is important

Remove unwanted water and clean away residue

You need to know and understand:

- K13 the correct personal protective equipment required and where to get it
- K14 the reasons why personal protective equipment should be worn
- K15 what tools, equipment and documents you require
- K16 how to recognise different categories of unwanted water
- K17 the approved methods for removing unwanted water and cleaning away residue
- K18 what actions are appropriate to take to remove unwanted water
- K19 the current regulations for disposing of contaminated water safely and correctly and why it is important to follow them

Additional Information

Scope/range

Stop the flow of unwanted water

- 1 **personal protective equipment:** hard hat; coveralls; gloves; safety glasses; safety boots; waterproofs
- 2 **tools and equipment:** lamps; screwdrivers; hammer; spanners; ladders; mops; squeegees; buckets; sandbags; cloths; pumps; water extraction equipment
- 3 **action** you could take: turn off water supplies; use sandbags
- 4 **prevent:** make a barrier with sandbags; use mops and squeegees to direct water; use cloths to absorb unwanted water; reduce water levels by pumps; extraction by machinery

Prevent secondary damage to structures and contents

- 5 **personal protective equipment:** hard hat; coveralls; gloves; safety glasses; safety boots
- 6 **tools and equipment:** lamps; screwdrivers; carpet awl; inspection mirrors; hammer; spanners; carpet knee-kickers; knife; ladders; lifting aids; waste containers; dry equipment; microbial treatments; products
- 7 **actions:** puncture bowing ceilings if holding excess water; remove skirting boards to determine if insulation should be removed and replaced or dried in place; remove or re-site contents; carry out preliminary cleaning operations; spray anti-microbial treatments

Remove unwanted water and clean away residue

- 8 **personal protective equipment:** hard hat; coveralls; gloves; safety glasses; safety boots
- 9 **tools:** lamps; screwdrivers; hammer; spanners; products
- 10 **equipment:** ladders; mops; squeegees; buckets; cloths; mechanical water extraction **equipment** and pumps; contaminated water containers; sprayers; specialised cleaning equipment
- 11 **actions:** set up mechanical water extraction equipment and pumps for large volumes of unwanted water; use mops; squeegee and cloths to absorb unwanted water and clean away residue

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