

ASTFFL8

Assess and estimate work required to limit damage to structures after flood



Overview

This standard is about assessing and estimating the work required to limit damage to structures after a flood. It includes carrying out assessments of the extent of damage caused by the flood as well as the costs associated with limiting damage.

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Performance criteria

Confirm extent and nature of damage caused to structures by flood

You must be able to:

- P1 obtain **permission** before you enter the premises
- P2 select and wear the correct **personal protective equipment**
- P3 have the relevant documents, **tools and equipment** needed
- P4 confirm that **services** are in a safe condition before you enter premises
- P5 use approved **methods and procedures** to determine flood damage to structures
- P6 record full and accurate details of the flood damage to **structures**

Determine work required to limit damage to structure

You must be able to:

- P7 select and wear the correct **personal protective equipment**
- P8 have the relevant documents, **tools and equipment** needed
- P9 use approved **procedures and methods** to determine the work required
- P10 record full and accurate details of the work required to **structures**

Determine costs and produce reports of limitation work required

You must be able to:

- P11 confirm that you have all the relevant **information** you need
- P12 base your calculations on work required to achieve agreed condition of premises
- P13 record costs accurately, fully and in a way that can be confirmed
- P14 produce reports of work required following **instructions and procedures**

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Knowledge and understanding

You need to know and understand:

Confirm extent and nature of damage caused to structures by flood

- K1 where to obtain permission to enter premises and why this is important
- K2 the correct personal protective equipment required and where to get it
- K3 the reasons why personal protective equipment should be worn
- K4 what tools, equipment and documents you require
- K5 what services are on site and how to confirm that they are in a safe condition and the possible consequences of not doing so
- K6 the approved procedures and methods to use to identify damage to structures
- K7 which documents you need to complete
- K8 what information is required and who receives copies

Determine work required to limit damage to structure

You need to know and understand:

- K9 the correct personal protective equipment required and where to get it
- K10 the reasons why personal protective equipment should be worn
- K11 what tools, equipment and documents you need
- K12 the approved methods and procedures to use
- K13 which documents you need to complete
- K14 what information is required and who receives copies

Determine costs and produce reports of limitation work required

You need to know and understand:

- K15 which documents you need and how to complete them
- K16 what information you need to determine costs and produce reports;
- K17 typical costs of materials and labour
- K18 how to determine costs and produce reports of limitation work required

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Additional Information

Scope/range

Confirm extent and nature of damage caused to structures by flood

- 1 **permission** from: clients; safety experts
- 2 **personal protective equipment:** hard hat; coveralls; gloves; safety glasses; safety boots; face masks
- 3 **tools and equipment:** tape measure; lamps; screwdriver; hammer; pens; ladders; camera; hygrometer; hydrometer; moisture meter; sampling swabs; air monitors
- 4 **services:** electricity; water; gas; heating oil
- 5 **methods and procedures:** visual; physical; take measurements
- 6 **structures:** ceilings; floors, walls; doors; skirting boards; services; fixtures; roof; paths; driveways

Determine work required to limit damage to structure

- 7 **personal protective equipment:** hard hat; coveralls; gloves; safety glasses; safety boots
- 8 **tools and equipment:** tape measure; lamps; screwdriver; hammer; pens; ladders; camera; hygrometer; hydrometer; moisture meter; sampling swabs; air monitors
- 9 **procedures and methods** from: your own organisation; your clients; current legislation
- 10 **structures:** ceilings; floors, walls; skirting boards; roof; paths; driveways

Determine costs and produce reports of limitation work required

- 11 **information** from: your own organisation; insurance company
- 12 **information** about: hazards; extent and nature of damage; work required to limit damage; agreed client expectations; timescales; costs and availability of equipment
- 13 **instructions and procedures:** your own organisation; insurance company

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