

EUSWO12 - SQA Unit Code F8X0 04

Manually clear snow and treat highways and land for ice



Overview

This national occupational standard is about clearing snow and ice from highways and then treating them for ice manually using equipment such as brushes and shovels. It is important that all work is completed in a way that does not cause damage to the environment and possible personal harm to others.

Performance criteria

You must be able to:

Clear snow and ice from highways and land

- P1 select and use clearance methods in accordance with work instructions and the type and amount of treatment required
- P2 clear and remove loose snow to designated place in accordance with work instructions and environmental regulations and requirements
- P3 leave the finished area in a condition that is as safe as possible for other users of the highway/land

You must be able to:

Treat snow-covered and ice-covered highways and land

- P4 check the condition of the area that needs to be treated in accordance with work instructions and the amount of treatment required
- P5 select treatment methods and equipment that are fit-for-purpose and are in accordance with work instructions
- P6 scatter the treatment evenly in a way that will prevent freezing
- P7 avoid scattering the treatment beyond the area to be treated
- P8 leave the finished area in a condition that is as safe as possible for other users of the highway/land

You must be able to:

Communicating data and information

- P9 communicate the completion of the work activity to designated personnel

You must be able to:

Resolve problems which arise when clearing and treating snow from highways and land of ice

- P10 resolve problems within the limits of your own personal responsibility
- P11 report problems that are outside your personal responsibility to resolve to designated persons

Knowledge and understanding

You need to know and understand:

General

- K1 how to identify work-related hazards and risks
- K2 details of operational procedures and documentation
- K3 how to deal constructively with colleagues and other people and resolve disagreements
- K4 how to use personal protective equipment (PPE) in line with operational procedures
- K5 operational procedures and why it is important to comply with them
- K6 the limits of the job responsibility when communicating with others

You need to know and understand:

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- K7 who is the appropriate person to get instructions from and report problems to in different circumstances
- K8 why you must check the type and amount of treatment required
- K9 what the various removal processes are and how they may vary according to the type and amount of snow or ice
- K10 where loose snow should and should not be cleared to
- K11 what are the different methods for gritting and salting
- K12 what are the types of risks that users of surfaces could be faced with and how to decide how much treatment is necessary to reduce these risks
- K13 what types of problems that you may find during treatment and what you should do about them

Additional information

Behaviours

You work in a manner which:

1. recognises and acts when others need support
2. takes responsibility for resolving problems in your work area

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