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## Overview

This standard is about assisting in the collection of measured data for building or land surveys and then analysing and compiling this information into a suitable format. It is about contributing to the preparation of survey operations and presenting the data analysis.

## Performance criteria

*You must be able to:*

1. confirm the objectives and purpose of the building or land survey with your line manager
2. confirm with the survey users and customers, that the survey method statement meets their requirements
3. check and confirm, before starting work, that all arrangements have been made to collect the measured data from the required building or land site to be surveyed
4. arrange for the required equipment to be brought to the site and kept in compliance with the relevant security requirements
5. check and adjust equipment to confirm that it is in working order
6. collect data by taking the required observations and measurements using the relevant methods and equipment to meet data requirements
7. adapt your own and your organisation's work procedures and practices to allow for different circumstances and conditions
8. record survey data in accordance with your organisation's requirements, storing the data securely for later analysis
9. assist in assembling and collecting survey data to allow an analysis to be made
10. assist in checking and verifying the survey data to meet the relevant data requirements and the relevant industry standards
11. present the data analysis, the commentary and any support information in the agreed format to survey users and customers

## Knowledge and understanding

*You need to know and understand:*

1. how to confirm the objectives and purpose of the building or land survey with your line manager
2. how to confirm with the survey users and customers, that the survey method statement meets their requirements
3. how to check and confirm, before starting work that all arrangements have been made to collect the measured data from the required building or land site to be surveyed
4. how to arrange for the required equipment to be brought to the site and kept in compliance with the relevant security requirements
5. how to check and adjust equipment to confirm that it is in working order
6. the data requirements for collecting data by taking observations and measurements
7. how to adapt your own and your organisation's work procedures and practices to allow for different circumstances and conditions
8. your organisation's standards for recording and storing survey data
9. how to assist your line manager in assembling and collecting survey data to allow an analysis to be made
10. the relevant data requirements and standards for checking and verifying survey data
11. the different formats for presenting the data analysis, the commentary and any support information

**Scope/range related  
to performance  
criteria**

Survey - method:

- visual inspection
- measurement

Arrangements:

- permissions
- access
- personal health & safety
- security

Equipment:

- mechanical
- optical
- electronic

Circumstances and conditions:

- situational
- operational
- unforeseen

Presenting:

- orally
- in writing
- electronically

INSSUR05

Assist in the collection of measured data for building or land surveys and present the data analysis



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**Developed by** Instructus

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**Originating Organisation** Instructus

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**Relevant Occupations** Architects; Surveyor; Town Planners

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**Suite** Surveying, Property Maintenance

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**Keywords** analyse; measured; survey data; surveying; compiling

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