
Overview

This standard involves making contributions to intrusive archaeological field investigations ranging from surface artefact collection to excavation. The standard is for junior field archaeologists working under the direction of a more senior archaeologist who will be responsible for carrying out the field investigation. This standard deals with the contributions to preparation for an investigation, the fieldwork and the analysis and presentation of the data.

Performance criteria

You must be able to:

Prepare for operations

- P1 clarify the investigation method statement and your role in the investigation prior to commencement
- P2 clarify the nature of the site, the investigation methods and safety arrangements
- P3 bring suitable equipment and clothing to site and kept it safe and secure
- P4 apply relevant technical and ethical standards to your role in the investigation

You must be able to:

Undertake intrusive investigations

- P5 contribute to the investigation efficiently and systematically and in accordance with the method statement
- P6 identify, investigate and accurately record relevant features
- P7 make observations and measurements that are accurate and fully meet specified data requirements
- P8 record investigation data clearly and accurately and store it securely for later analysis
- P9 adapt work procedures and practices if instructed to allow for different circumstances and conditions
- P10 consult with senior manager when uncertain about any aspect of the investigation or own responsibilities for action
- P11 maintain the integrity of the site, observing safe working practices and ensuring disruption to other activities on the site is kept to a minimum
- P12 use equipment appropriately, maintaining it in operational order and storing it securely

You must be able to:

Prepare records and schedules

- P13 check and verify investigation data for accuracy and integrity
- P14 process investigation data accurately and present it in a format that will assist in making a balanced interpretation

Knowledge and understanding

You need to know and understand:

- K1 how to select and secure suitable equipment and clothing
- K2 how to check safety arrangements and working practices
- K3 how to apply relevant technical and ethical standards
- K4 types and modes of investigation
- K5 types of equipment which may be required
- K6 types of recording materials which may be required
- K7 how to conduct investigations
- K8 how to identify and follow safe working practices
- K9 how to observe and measure accurately
- K10 how to adapt investigation procedures and practices to suit different conditions
- K11 how to record and store investigation data
- K12 how to use and maintain equipment
- K13 how to use personal protection clothing & equipment
- K14 circumstances and conditions which can affect investigation operations
- K15 data protocols used in different investigation methods
- K16 types of recording format and data storage systems used
- K17 how to apply valid methods to verify investigation data
- K18 how to process, format and present investigation data suitable for end use
- K19 types of investigation data
- K20 types of data analysis
- K21 data presentation formats

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Contribute to intrusive archaeological investigations

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