

CCSAPAC3

Contribute to non-intrusive archaeological investigations



Overview

This standard involves making contributions to non-intrusive archaeological field investigations (primarily various types of surveys). 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 recording and storing of the data.

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Performance criteria

Prepare for operations

You must be able to:

- 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, clothing and materials to site and make safe and secure
- P4 apply relevant technical and ethical standards to your role in the investigation

Observe and record measurements

You must be able to:

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

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Knowledge and understanding

You need to know and understand:

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

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