

# ASTCCR1

## Prepare to carry out clean-room cleaning operations



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### Overview

This standard is about making appropriate preparations for carrying out clean-room cleaning operations. It includes confirming the specific details of the cleaning required and preparing yourself and your equipment to undertake cleaning.

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### Performance criteria

#### Get and confirm instructions and specific details of clean-room cleaning operations to be carried out

*You must be able to:*

- P1 obtain sufficient correct **details** about the cleaning operations that you are required to carry out
- P2 obtain sufficient **instructions or specific information** that could affect cleaning operations
- P3 have the **authority** to carry out the cleaning operations
- P4 clarify any details, instructions or specific information that you do not understand

#### Collect equipment and materials required

*You must be able to:*

- P5 obtain sufficient details about what **equipment, tools and materials** you might need
- P6 confirm that equipment, tools and materials are **appropriate** for cleaning clean-rooms and are available when you need them
- P7 confirm that equipment is operating properly and is safe to use
- P8 confirm that tools are safe to use
- P9 confirm that you have sufficient materials and that they are stored according to suppliers' instructions and are within use by date
- P10 confirm that any **instructions** for use of equipment, tools or materials are up to date and provide the information you need where appropriate

#### Dress for and enter clean-rooms

*You must be able to:*

- P11 obtain and wear all the correct **personal protective clothing** you need to enter clean-rooms in line with your instructions, **procedures** and guidelines
- P12 store any removed **personal items** in line with your instructions
- P13 **enter** clean-room environments following instructions, procedures or guidelines

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### Knowledge and understanding

#### Get and confirm instructions and specific details of clean-room cleaning operations to be carried out

*You need to know and understand:*

- K1 what instructions or specific information you might need to carry out cleaning operations
- K2 how to get more information when you need it
- K3 specific information about clean-rooms that could affect how you carry out cleaning operations
- K4 what authority is needed to carry out cleaning operations
- K5 why authority is needed and where to get this authority

#### Collect equipment and materials required

*You need to know and understand:*

- K6 the types of equipment, tools and materials you need and where to get them
- K7 where to get instructions on the proper operation of equipment, tools and materials when you need them
- K8 the safety requirements for using equipment, tools and materials, including the Health and Safety at Work Act (HASAW) and Control of Substances Hazardous to Health (COSHH) requirements
- K9 whether you need authorisation to use specialist equipment, tools or materials in clean-rooms and why this is important

#### Dress for and enter clean-rooms

*You need to know and understand:*

- K10 what personal protective clothing is appropriate for use and the purpose of each item
- K11 what action you should take if personal protective clothing is damaged, unsuitable or is potentially contaminated and why it is important to take this action
- K12 the procedures for putting on personal protective clothing, and why you must follow them
- K13 the procedures for entering clean-rooms, and why you must follow them;
- K14 what to do if there is the possibility of contamination whilst entering a clean-room and the implications if you ignore this possibility

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### Additional Information

#### Scope/range

#### Get and confirm instructions and specific details of clean-room cleaning operations to be carried out:

- 1 **details** of: location of clean room; activities carried out in clean-rooms; access to and availability of clean-rooms
- 2 **instructions or specific information** from: your client; your own organisation's procedures
- 3 **instructions or specific information** about: access; security; restrictions
- 4 **authority** from: client; own organisation e.g. access to sensitive or restricted areas.

#### Collect equipment and materials required:

- 5 **equipment**: protective clothing; warning signs **tools**: hand tools; power tools; specialist tools
- 6 **materials**: non-linting cloths; cleaning solutions
- 7 **appropriate**: fitted with filtration systems; fitted with noise suppression; uses deionised water, fitted with double earth; fitted with radio frequency suppression; uses non-linting cloths
- 8 **instructions** from: manufacturer; your client; your own organisation's procedures

#### Dress for and enter clean-rooms:

- 9 **personal protective clothing** for use in the clean-room: footwear; headwear; gowns; overalls; gloves
- 10 **personal items**: jewellery; cigarettes; lighters; wallets
- 11 **procedures**: put on by yourself; assisted by other people
- 12 **enter** via: airlocks; crossover bench; air shower; metal detectors; positive and negative air pressure systems

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**Developed by** Asset Skills

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**Version number** 2

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**Date approved** October 2012

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**Indicative review date** November 2015

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**Validity** Current

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**Status** Original

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**Originating organisation** Asset Skills

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**Original URN** ASTCCR1

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**Relevant occupations** Specialist cleaning operations

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**Suite** Cleaning services; specialist cleaning;

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**Key words** clean room operations, specialist equipment, special dress,