

ASTCCR1 - SQA Unit Code H547 04

Prepare to carry out clean-room cleaning operations



Overview

- 1 Get and confirm instructions and specific details of clean-room cleaning operations to be carried out
- 2 Collect equipment and materials required
- 3 Dress for and enter clean-rooms

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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 have sufficient correct **details** about the cleaning operations that you are required to carry out
 - P2 have 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 have 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 have all the correct **personal protective clothing** you need to enter clean-rooms in line with your instructions
 - P12 store any removed **personal items** in line with your instructions
 - P13 put on your personal protective clothing following instructions, **procedures** or guidelines
 - P14 **enter** clean-room environments following instructions, procedures or guidelines

Knowledge and understanding

You need to know and understand:

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

- 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 from 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 from 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 you need 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

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 as required by client or own organisation's procedures
- 6 **tools**: hand tools; power tools; specialist tools
- 7 **materials**: non-linting cloths; cleaning solutions
- 8 **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
- 9 **instructions** from: manufacturer; your client; your own organisation's procedures

Dress for and enter clean-rooms:

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

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Developed by Asset Skills

Version number 1

Date approved April 2006

Indicative review date April 2008

Validity Current

Status Original

Originating organisation Asset Skills

Original URN CCR1

Relevant occupations Specialist Cleaning Occupations

Suite Cleaning and Support Services - Clean Rooms

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