

Unit 272

Installing rainscreen wall cladding systems in the workplace

25 credits

Level: 2

UAN: M/503/2736

Unit aim:

The aim of this unit is to provide you with an awareness of:

- interpreting information
- adopting safe and healthy working practices
- selecting materials, components and equipment
- preparing and installing proprietary wall cladding systems

*PER – Portfolio evidence reference

SO – Site observation

OQ – Oral question

WQ – Written question

WT – Witness testimony

PS – Product supplementary

PD – Professional discussion

Assessment criteria that are practical activities are highlighted in bold.

1. Interpret the given information relating to the work and resources when installing rainscreen wall cladding systems.								
You must be able to:								
1.1	interpret and extract information from:	*PER	SO	OQ	WQ	WT	PS	PD
	a. drawings							
	b. specifications							
	c. schedules							
	d. method statements							
	e. manufacturers' information							
1.2	comply with information and/or instructions derived from risk assessments and/or method statements							
1.3	state the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented							
1.4	describe different types of information, their source and how they are interpreted in relation to:							
	a. drawings							
	b. specifications							
	c. schedules							
	d. manufacturers' information							
	e. regulations							
	f. governing buildings.							

2. Know how to comply with relevant legislation and official guidance when installing rainscreen wall cladding systems.							
You must be able to:	*PER	SO	OQ	WQ	WT	PS	PD
2.1 describe their responsibilities under current legislation and official guidance whilst working:							
a. in the workplace							
b. below ground level							
c. at height							
d. with tools and equipment							
e. with materials and substances							
f. with movement/storage of materials and by manual handling and mechanical lifting							
2.2 describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative							
2.3 explain what the accident reporting procedures are and who is responsible for making reports.							

3. Maintain safe working practices when installing rainscreen wall cladding systems.								
You must be able to:		*PER	SO	OQ	WQ	WT	PS	PD
3.1	use health and safety control equipment safely to carry out the activity in accordance with legislation and organisational requirements when installing rainscreen wall cladding systems							
3.2	explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to installing rainscreen wall cladding systems, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to:							
	a. collective protective measures							
	b. personal protective equipment (PPE)							
	c. respiratory protective equipment (RPE)							
	d. local exhaust ventilation (LEV)							
3.3	describe how the relevant health and safety control equipment should be used in accordance with the given instructions							
3.4	state how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with:							
	a. fires							
	b. spillages							
	c. injuries							
	d. other task-related hazards.							

4. Select the required quantity and quality of resources for the methods of work to install rainscreen wall cladding systems.									
You must be able to:			*PER	SO	OQ	WQ	WT	PS	PD
4.1 select resources associated with own work in relation to:									
a. materials									
b. components and specialised fixings for compatible materials									
c. tools and equipment									
d. appropriate access equipment									
e. loading and unloading									
4.2 describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to:									
a. terracotta tiles									
b. masonry cladding									
c. single skin and composite panels									
d. panel hangers									
e. drips									
f. cover strips									
g. fixings									
h. fittings and other materials associated with rainscreen cladding									
i. hand and/or powered tools and equipment									
4.3 describe how the resources should be used correctly and how problems associated with the resources are reported									
4.4 explain why the organisational procedures have been developed and how they are used for the selection of required resources									
4.5 describe any potential hazards associated with the resources and method of work									
4.6 describe how to calculate:									

a. quantity							
b. length							
c. area							
d. wastage associated with the method/procedure to install rainscreen wall cladding systems.							

5. Minimise the risk of damage to the work and surrounding area when installing rainscreen wall cladding systems.							
You must be able to:	*PER	SO	OQ	WQ	WT	PS	PD
5.1 protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures							
5.2 minimise damage and maintain a clean work space							
5.3 dispose of waste in accordance with legislation							
5.4 describe how to protect work from damage and the purpose of protection							
5.5 explain why the disposal of waste should be carried out safely in accordance with:							
a. environmental responsibilities							
b. organisational procedures							
c. manufacturers' information							
d. statutory regulations							
e. official guidance.							

6. Complete the work within the allocated time when installing rainscreen wall cladding systems.							
You must be able to:	*PER	SO	OQ	WQ	WT	PS	PD
6.1 demonstrate completion of the work within the allocated time							
6.2 state the purpose of the work programme and explain why deadlines should be kept in relation to:							
a. types of progress charts, timetables and estimated times							
b. organisational procedures for reporting circumstances which will affect the work programme							
c. quality control.							

7. Comply with the given contract information to install rainscreen wall cladding systems to the required specification.							
You must be able to:	*PER	SO	OQ	WQ	WT	PS	PD
7.1 demonstrate the following work skills when installing rainscreen wall cladding systems:							
a. measuring							
b. marking out							
c. fitting							
d. positioning							
e. securing							
7.2 install rainscreen wall cladding systems and the following components to contract specification:							
a. terracotta tiles							
b. single and/or composite panels							
7.3 ensure testing and/or inspections have been carried out for hand tools, portable power tools, appropriate levelling instruments and ancillary equipment							
7.4 safely use hand tools, portable power tools, appropriate levelling instruments and ancillary equipment							
7.5 safely store the tools and equipment used when installing rainscreen wall cladding systems							

7.6	describe how to apply safe work practices, follow procedures, report problems and establish the authority needed to rectify them, to:						
	a. assess suitability of background materials						
	b. form internal and external angles						
	c. form opening reveals						
	d. use hand tools, power tools and equipment						
	e. install rainscreen cladding and associated components: terracotta tiles, single and composite panels						
7.7	describe the needs of other occupations and how to effectively communicate within a team when installing rainscreen wall cladding systems						
7.8	describe how to maintain the tools and equipment used when installing rainscreen wall cladding systems.						

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Declaration

I confirm that the evidence supplied for the above unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

Candidate name:	
Candidate signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor name:	
Assessor signature:	
Date:	

IQA name:	
IQA signature:	
Date:	