

Lay bricks and blocks to a line

Overview

This standard is about laying bricks and blocks to line and forming a joint finish, interpreting information, adopting safe, healthy and environmentally responsible work practices, and selecting, preparing and using materials, components, tools and equipment

This standard is for people working in the occupational area of Trowel Occupations and can be used by operatives, supervisors and managers

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Performance criteria

You must be able to:

P1 interpret the given information relating to the work and resources to confirm its relevance

P2 comply with the given, relevant legislation and official guidance to carry out your work and maintain safe and healthy work practices

P3 select the required quantity and quality of resources for the methods of work

P4 comply with organisational procedures to minimise the risk of damage to the work and surrounding area

P5 comply with the given contract information to carry out the work efficiently to the required specification

P6 complete the work within the allocated time, in accordance with the programme of work

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Knowledge and understanding

You need to know and understand:

Performance Criteria 1

Interpretation of information

K1 the organisational procedures developed to report and rectify inappropriate **information** and unsuitable **resources**, and how they are implemented
 K2 the types of **information, their source and how they are interpreted**
 K3 the organisational **procedures to solve problems** with the **information** and why it is important they are followed

Performance Criteria 2

Safe work practices

K4 the level of understanding operatives must have of **information** for relevant, current **legislation and official guidance** and how it is applied
 K5 how **emergencies** should be responded to and who should respond
 K6 the organisational **security procedures** for tools, equipment and personal belongings
 K7 what the accident reporting procedures are and who is responsible for making the report
 K8 why, when and how **health and safety control equipment** should be used
 K9 how to comply with environmentally responsible work practices to meet current **legislation and official guidance**

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Performance Criteria 3**

Selection of resources

K10 the characteristics, quality, uses, sustainability, limitations and defects associated with the **resources** and how defects should be rectified
 K11 how the **resources** should be used and how any **problems** associated with the **resources** are reported
 K12 the organisational procedures to select **resources**, why they have been developed and how they are used
 K13 the **hazards** associated with the **resources** and **methods of work** and how they are overcome

Performance Criteria 4

Minimise the risk of damage

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K14 how to **protect work** from damage and the purpose of protection
K15 why **disposal of waste** should be carried out safely and how it is achieved

Performance Criteria 5

Meet the contract specification

K16 how **methods of work**, to meet the specification, are carried out and problems reported
K17 how **maintenance** of tools and equipment is carried out

Performance Criteria 6

Allocated time

K18 what the **programme** is for the work to be carried out in the estimated, allocated time and why deadlines should be kept

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Scope/range**Performance Criteria 1**

1 interpretation of drawings, specifications, schedules, method statements, risk assessments and manufacturers' information related to the work to be carried out

Performance Criteria 2

2 avoidance of risk by complying with the given information relating to at least four of the following
2.1 methods of work
2.2 safe use of health and safety control equipment
2.3 safe use of access equipment
2.4 safe use, storage and handling of materials, tools and equipment
2.5 specific risks to health

Performance Criteria 3

3 selection of resources associated with own work
3.1 materials, components and fixings
3.2 tools and equipment

Performance Criteria 4

4 protection of the work and its surrounding area from damage
5 maintain a clear and tidy work space
6 disposal of waste in accordance with current legislation

Performance Criteria 5

7 demonstration of work skills to measure, mark out, level, plumb and lay
8 use and maintain hand and power tools, and equipment
9 lay to line only and joint finish as required for at least two of the following to given working instructions
9.1 brickwork
9.2 blockwork
9.3 thin bed blocks
9.4 local materials

Performance Criteria 6

10 completion of own work within the estimated, allocated time to meet the needs of other occupations and/or client

Scope/range related to knowledge and understanding

Disposal of waste

1 environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance

Emergencies

2 operative's response to situations in accordance with organisational authorisation and personal skills when involved with
 2.1 fires, spillages, injuries
 2.2 emergencies relating to occupational activities

****Hazards**

****3** those identified by risk assessment, methods of work, manufacturers' technical information, statutory regulations and official guidance

Health and safety control equipment

4 identified by the principles of prevention for occupational use, types and purpose of each type, work situations and general work environment
 4.1 collective protective measures
 4.2 personal protective equipment (PPE)
 4.3 respiratory protective equipment (RPE)
 4.4 local exhaust ventilation (LEV)

Information

5 drawings, specifications, current legislation, schedules, method statements, risk assessments, manufacturers' information, oral and written instructions, sketches, electronic data, official guidance and current regulations associated with laying bricks, blocks and local materials to line

Legislation and official guidance******

6 this relates to the operative's responsibilities regarding potential accidents, health hazards and the environment whilst working in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting

Maintenance

7 operative care of hand and power tools, and equipment

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Methods of work

8 application of knowledge for safe and healthy work practices, procedures and skills relating to the method and area of work and materials used to

- 8.1 lay to line common and facing bricks, blocks and thin joint blocks
- 8.2 lay to line local materials
- 8.3 identify types of bricks and blocks
- 8.4 position, fix and bed damp-proof barriers, cloak systems and cavity trays
- 8.5 form and maintain the integrity of cavities
- 8.6 position, bond and tape insulation materials
- 8.7 position and secure wall ties including spacing, particularly around openings and movement joints
- 8.8 form and install weep holes and vents
- 8.9 form a joint finish, including using mechanical pointing systems
- 8.10 recognise and determine when specialist skills and knowledge are required and report accordingly
- 8.11 identify and follow the installation quality requirements
- 8.12 work with, around and in close proximity to plant and machinery
- 8.13 use hand and power tools, and equipment
- 8.14 work at height
- 8.15 use access equipment

9 team work and communication

10 needs of other occupations associated with laying bricks, blocks and local materials to line

**Problems

**11 those arising from information, resources and methods of work

- 11.1 own authority to rectify
- 11.2 organisational reporting procedures

Programme

12 types of productivity targets and time scales

13 how times are estimated

14 organisational procedures for reporting circumstances which will affect the work programme

Protect work

15 protect work against damage from general workplace activities, other occupations and adverse weather conditions

Resources

16 materials, components and equipment relating to types, quantity, quality, sizes and the sustainability of standard and/or specialist

- 16.1 bricks, blocks, mortar, thin joint mixes, wall ties, damp proof courses, damp proof membranes, cloak systems, cavity trays and insulation
- 16.2 fittings and fixings
- 16.3 hand and power tools, and equipment

17 confirm resources and materials conform with the specification

18 methods of calculating quantity, volume, length, area and wastage of materials associated with the method and procedure to lay bricks, blocks and local materials to line

Security procedures

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19 site, workplace, company, operative and vehicles

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Developed by	Construction Skills
Version Number	3
Date Approved	11 Feb 2019
Indicative Review Date	11 Feb 2022
Validity	Current
Status	Original
Originating Organisation	ConstructionsSkills
Original URN	VR37
Relevant Occupations	Bricklayers and Mason
Suite	Bricklaying
Keywords	Common-bricks; Facing-bricks; Damp-proof course; DPC; Damp-proof membrane; Thin-joint; Mortar; Wall-ties; Joint-finish