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## Overview

This standard is for those who carry out moulding operations to produce components for use in production of footwear and leathersgoods.

This includes selecting moulds and materials, setting up, operating, adjusting and closing down machinery, maintaining required levels of productivity, removing surplus material and placing moulded components for next stages.

This standard is for anyone who moulds components for footwear or leathersgoods.

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## Performance criteria

### *You must be able to:*

1. make sure the work area is free from hazards at all times
2. select moulds that comply with information on work tickets
3. transport moulds using appropriate lifting aids
4. select appropriate materials for moulding
5. set up and operate machines to produce required components
6. identify and make necessary adjustments to machine settings to achieve quality standards
7. work in ways that minimise waste at all times
8. remove all surplus materials in line with the organisation's requirements
9. ensure that components are placed to avoid damage and assist the next stages of production
10. maintain agreed levels of productivity
11. carry out close down procedures to leave work area safe and secure
12. report work which cannot be rectified to relevant people
13. comply with written instructions relating to component moulding
14. complete required forms, records and other documentation
15. work to legal requirements, standards and regulations, policies, procedures and professional codes at all times

## Knowledge and understanding

### *You need to know and understand:*

1. parts of work tickets relevant to the work
2. varying characteristics of materials used for moulding, and the implications of not selecting correct materials
3. the organisation's tolerances for the addition of regrind
4. best practice for using mould release agents
5. appropriate lifting gear and the safety implications
6. the implications of failing to achieve quality and production requirements
7. how to deal with sub-standard components
8. how to deal with waste materials
9. why components must be placed carefully for the next process
10. procedure for set up, operation and closedown of machines and equipment
11. the organisation's policies about ethical production and sustainability
12. the effects of wastage on operations and sustainability
13. the organisation's rules, codes, guidelines and standards
14. the organisation's quality standards and production targets applicable to the process
15. common hazards in the work area and work place procedures for dealing with them
16. how to make the work area safe and secure
17. statutory responsibilities under health and safety and environmental legislation and regulations
18. common hazards in the work area and workplace procedures for dealing with them
19. manufacturers' instructions relating to machinery and equipment

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Carry out component moulding operations for footwear and leathersgoods



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<b>Relevant Occupations</b>	Crafts, Creative Arts and Design, Design Associate Professionals, Footwear Officer, Manufacturing Technologies, Textile and Garment Trades
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