

# SFHOPTM12

## Operate precision optical manufacturing machinery



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### Overview

This standard is about starting up, running and shutting down optical manufacturing machinery, for producing spectacle lenses or contact lenses (lathe-cut and moulded) to achieve production requirements. Users of this standard will need to ensure that practice reflects up to date information and policies.

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### Performance criteria

*You must be able to:*

- P1 confirm the work instructions
- P2 confirm that the equipment to be used is in safe working order
- P3 achieve production requirements, by using specified working methods
- P4 identify and report any process and machinery problems to the relevant person
- P5 identify any incorrectly processed optical components, and take the relevant corrective action to achieve the work instructions
- P6 maintain consumables to the required levels
- P7 complete records accurately
- P8 carry out your work safely
- P9 maintain the required standards of cleanliness

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### Knowledge and understanding

*You need to know and understand:*

- K1 the ophthalmic appliance manufacturing specifications
- K2 where to find, and how to use, the Standard Operating Procedure
- K3 how to interpret work instructions
- K4 your level of responsibility and competence
- K5 to whom to refer for advice and clarification, and to whom to report problems
- K6 how to check that equipment is in safe working order
- K7 how to operate the equipment safely
- K8 the course of action you should take in the event of an emergency
- K9 the functions of the machinery, and how it interacts in the production process
- K10 the running conditions required for the process operation
- K11 the different types of optical materials required, their properties and handling characteristics
- K12 the documentation to be completed
- K13 your responsibilities under the Health and Safety at Work Act, and the implications of non-compliance
- K14 the required standards of cleanliness, and how to maintain them

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### Additional Information

#### External links

This standard links with the following dimension within the NHS Knowledge and Skills Framework (October 2004):

Dimension: EF1 Systems, vehicles and equipment

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