



ANGLOGOLD LTD

OCCUPATIONAL ENVIRONMENT SAFETY AND HEALTH DIRECTIVE

RESPIRATORY PROTECTIVE EQUIPMENT REQUIREMENTS

Guideline title	Requirements for the implementation and utilisation of respiratory protective equipment.
Number	88
Countries of application	South Africa
Date of first issue	06 December 2002
Date of issue of this revision	

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THE REASON FOR THIS DIRECTIVE

It is recognised that the introduction of Respiratory Protective Equipment (RPE), to be worn by persons exposed to high risk dust concentrations, must be regarded as a last resort in the strategy designed to protect employees from excessive dust exposure.

Despite some significant advances with respect to dust control in the South African Region, occupational dust exposure and its consequences have led to a situation where the mandatory introduction of RPE has become essential to prevent certain employees ⁽¹⁾ from contracting occupational lung disease.

FOR WHOM THE DIRECTIVE IS INTENDED

This directive applies to all General Managers in the South African Region.

MANDATORY REQUIREMENTS OF THE DIRECTIVE

The following requirements are to be implemented on all operations by no later than 1 February 2003.

- 1 Certain employees ⁽¹⁾ as identified by the Business Unit's risk assessment process, must wear approved RPE ⁽²⁾ when exposed to high dust concentrations.
- 2 Approved RPE ⁽³⁾ must be made available to any individual (other than those identified above) who wishes to utilise RPE during normal working hours.
- 3 Appropriate training must be provided to the identified individuals, Occupational Environment Safety and Health Staff and Business Unit's Occupational Health Nurses. Where non-disposable RPE is issued the training must include a physical leak-fit test.
- 4 Only RPE available as standard stock items may be issued. Where operational requirements necessitate considering the addition of other RPE for inclusion as standard stock, this RPE must:
 - 4.1 Conform to the required standards. ⁽²⁾ ⁽³⁾
 - 4.2 Be subjected to an employee evaluation field trial, similar to the trial conducted during 2002. (AngloGold Intranet, SA Region, Disciplines, OESH, Strategic Thrusts, Dust, Field Trail – Personal protection as an interim strategy to reduce occupational dust exposure: RPE selection and allocation).
 - 4.3 Be approved for utilisation by the South African Region Standards Committee.



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(1) As identified during phase 2 of the "Underground Dust Occupational Health Risk Modus Operandi (1999)", e.g. Winch Drivers, Loco Drivers, Machine Operators, Tip Attendants, Stope Team Leaders, Development Team Members, Belt Attendants, Hydropower Water Jet Operators and Loader Drivers.

(2) Expiration valve fitted half-mask non-disposable RPE, conforming to the SABS EN 143 (as homologated in SABS 0338) specification for protection factor class FF2.

(3) Vertical fold-down and expiration valve fitted disposable type, conforming to the SABS EN 149 (as homologated in SABS 0338) specification for protection class FF2.