AS/NZS 1715:2009 Selection, use and maintenance of respiratory protective equipment

Description

This Standard sets out the principles of respiratory protection, requirements and recommendations for the selection, use and maintenance of personal respiratory protective equipment (RPE) in the workplace.

Scope

This Standard does not deal with the special circumstances associated with the use of RPE in diving and underwater breathing (see AS/NZS 2299 and AS 2815), the use of RPE in aircraft, or the use of life support respirators for medical or resuscitation purposes (see AS 2488).

This Standard does not deal with military applications for RPE, but includes special needs of personnel involved in a special response hazardous material (HAZMAT) incident where respiratory concerns need to be addressed.

For assistance with locating previous versions, please contact the information provider.
AS/NZS 1715:2009 Selection, use and maintenance of respiratory protective equipment

This resource does not CITE any other resources.

Table of Contents

Section 1 Scope And General

1.1 Scope
1.2 Objective
1.3 Referenced Documents
1.4 Related Documents
1.5 Definitions
1.6 General Principles
1.7 Hazard Identification, Risk Assessment And Control

Section 2 Respiratory Protection Program
2.1 Respiratory Protection Program
2.2 Appointment Of Program Administrator
2.3 Selection Of RPE
2.4 RPE Training
2.5 Issue Of RPE
2.6 Fitting Of RPE
2.7 Wearing Of RPE
2.8 Maintenance
2.9 Record Keeping
2.10 Program Evaluation

Section 3 Entry Of Contaminants Into The Body
3.1 General
3.2 Inhalation Of Airborne Contaminants
3.3 Skin And Eye Absorption
3.4 Ingestion
3.5 Health Effects Of Airborne Contaminants
3.6 Particles
3.7 Oxygen Deficiency
Section 4 Selection Of RPE

4.1 Factors In Selection

4.2 Selection Factors-Contaminant-Related

4.3 Selection Factors-Task-Related

4.4 Selection Factors-Operator-Related

4.5 Selection Factors-Equipment Limitations

4.6 Selection Of RPE For Special Response Hazmat Incidents By Emergency Service Personnel

Section 5 Types Of RPE And Their Limitations

5.1 General

5.2 Air-Purifying RPE

5.3 Supplied-Air RPE

5.4 Other Devices

Section 6 Medical And Physical Considerations

6.1 Medical Assessment

6.2 Specific Factors Affecting Performance

Section 7 Training

7.1 General

7.2 Format

7.3 Instructions To Trainees

7.4 Employee Training Program Guide

Section 8 Typical RPE Fit Tests And Checks

8.1 General

8.2 Frequency Of Fit Tests

8.3 Facial Hair In RPE Fitting

8.4 Eye Correction In RPE Fitting
8.5 Fit Test Methods

8.6 Factors That Affect Facial Fit

Section 9 Maintenance Requirements

9.1 General

9.2 Cleaning And Disinfection

9.3 Inspection

9.4 Repair And Replacement Of Components

9.5 Replacement Of Filters

9.6 Storage Of Equipment

Appendices

Appendix A - Requirements For Air Quality (Compressors Or Cylinders) For Supplied-Air Respirators

Appendix B - Facial Seal Of Respirators

Appendix C - Procedures For Cleaning And Disinfecting RPE

Appendix D - Checkpoints For Respiratory Protection Program-Administration And Operation

Appendix E - Respirator Selection Examples

Appendix F - Sources Of Air For Air-Line RPE