



Respiratory Protection for Your Workers

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Why Respirators?

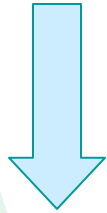
- To keep workers from getting sick or to keep them from getting dead

AND

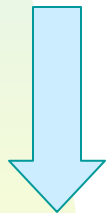
- Other methods not possible or not available

Making respirator use effective

Comprehensive, systematic approach



Respirator program



CSA standards



Selection, Use, and Care of Respirators

- CSA Z94.4 - 93
- CSA Z94.4 - 02

Compressed Breathing Air and Systems

- CSA Z180.1 - M85
- CSA Z180.1 - 00

Selection, Use, and Care of Respirators

Z94.4

Content

	Z94.4-93	Z94.4-02
1	Scope	
2	Definitions & Reference Publications	
3	Respiratory Protection Program	
4	Program Administration	Roles and Responsibilities
5	Hazard Identification	Hazard Assessment
6	Selection of the Appropriate Respirator	Respirator Selection
7	Respirator Facial Fit	Respirator Fit Testing
8	Training	
9	Use of Respirators	
10	Cleaning, Maintenance, & Storage of Respirators	Cleaning, Inspection, Maintenance, & Storage of Respirators
11	Health Surveillance of Respirator Wearers	Health Surveillance
12	Program Evaluation	
13	- none -	Recordkeeping

Selection, Use, and Care of Respirators

Z94.4

Appendices

	Z94.4-93	Z94.4-02
A	Recommended Procedures for Field Checking and Testing of the Respirator Seal	Positive- and Negative-Pressure User Seal Checks
B	Qualitative Respirator Fit Tests (QLFT)	Qualitative Respirator Fit Testing (QLFT)
C	Quantitative Respirator Fit Tests (QNFT)	Quantitative Respirator Fit Testing (QNFT)
D	Use of Self-Contained Breathing Apparatus (SCBA) in Low-Temperature Environments	
E	Compressed Breathing Air Purification Systems	Health Surveillance
F	Recommended Procedures for Cleaning and Sanitizing Respirators	
G	Respirator Characteristics, Capabilities, & Limitations	Respirator Classification, Characteristics, & Limitations
H	Supporting Data for Respirator Selection	Reduced Oxygen Concentration
I	- none -	Buddy Breathing
J	Oxygen Deficiency	- none -

Compressed Breathing Air and Systems Z180.1

Content

	Z180.1-M85	Z180.1-00
1	Scope	
2	Definitions	
3	Reference Publications	
4	Requirements	Compressed Breathing Air
5	Test Requirements	Compressed Breathing Air Systems
6	- none -	Air Intakes
7	- none -	Air Compressors
8	- none -	Ambient Air Systems
9	- none -	Proportioning Systems
10	- none -	Purification Systems
11	- none -	Receivers
12	- none -	Cylinders
13	- none -	Compressed Breathing Air Pipeline
14	- none -	Temporary Compressed Breathing Air Pipeline
15	- none -	Sampling, Analysis, and Purity of Compressed Breathing Air
16	- none -	Additional Tests

Compressed Breathing Air and Systems Z180.1

Appendices

	Z180.1-M85	Z180.1-00
A	Some Recommended Analytical Procedures for the Analysis of Breathing Air	Guidelines for the Selection, Installation, Maintenance, and Cleaning of Compressor/Purification Type Breathing Air Systems
B	Some Recommendations for General Reference	Guidelines of the Selection, Installation, Maintenance, and Cleaning of Compressor/Purification Type Breathing Air Systems
C	Moisture Content in Compressed Breathing Air at Four Typical User Pressures	Recommended Analytical Procedures for the Analysis of Breathing Air
D	Compressed Breathing Air Purification Systems	Sample Collection for Compressed Breathing Air Analysis
E	- none -	Moisture Content in Compressed Breathing Air at Typical User Pressures