

Standards and Regulations Pertaining to Respirator Fit Testing

Application Note ITI-046

Standard/Regulation	Issuing organization	Fit test frequency	Minimum fit factor for half-face masks	Minimum fit factor for full-face masks	QLFT allowed for positive-pressure masks
OSHA 29CFR1910.134 Respiratory Protection Standard	Occupational Safety and Health Administration (USA)	Annual	100	500*	Yes
ANSI Z88.2-1992 Respiratory Protection with ANSI Z88.10-2001 Respirator Fit Test Methods	American National Standards Institute (USA)	Annual	100	1000*	Yes
NFPA 1500-2007 Fire Department Occupational Safety and Health Program	National Fire Protection Association (USA)	Annual	Not specified	500	No
NFPA 1404-2006 Standard for a Fire Department Self-Contained Breathing Apparatus Program	National Fire Protection Association (USA)	Annual	Refers to NFPA 1500	Refers to NFPA 1500	No
CSA Z94.4-02 Selection, Use, and Care of Respirators	Canadian Standards Association (Canada)	2-years	100	1000*	Half-mask only
HSE 282/28 Fit Testing of Respiratory Protective Equipment Used for Controlling Exposure to Asbestos Fibres	Health and Safety Executive (UK)	Annual	100	2000*	Half-mask only
AS/NZS 1715:1994 Selection, use and maintenance of respiratory protective devices	Standards Australia	Annual	100	500 w/P2* 1000 w/P3*	Yes

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Standard/Regulation	Issuing organization	Fit test frequency	Minimum fit factor for half-face masks	Minimum fit factor for full-face masks	QLFT allowed for positive-pressure masks
EN529:2005 Respiratory protective devices - Recommendations for selection, use, care and maintenance - Guidance document	European Committee For Standardization Comité Européen De Normalisation Europäisches Komitee Für Normung Management Centre: rue de Stassart, 36 B-1050 Brussels	Annual	Not specified	Not specified	Not specified

*QNFT required because QLFT not validated for fit factor pass level exceeding 100.

Definitions:

QNFT is the abbreviation for Quantitative Fit Test

QLFT is the abbreviation for Qualitative Fit Test

Where to Purchase Copies of Standards and Regulations

Standard/Regulation	Organization	Web Site
NFPA Standards	National Fire Protection Association 1 Batterymarch Park P.O. Box 9101 Quincy, MA 02269-9101	http://www.nfpa.org
ANSI Z88.2 Respiratory Protection	American Industrial Hygiene Association 2700 Prosperity Ave, Suite 250 Fairfax, VA 22031	http://www.aiha.org Standard withdrawn pending new version
ANSI Z88.10 Respirator Fit Test Methods	American Industrial Hygiene Association 2700 Prosperity Ave, Suite 250 Fairfax, VA 22031	http://www.aiha.org Order AIHA Publication No. SRPA01-423
OSHA Standards	U.S. Department of Labor (OSHA) Standards Superintendent of Documents U.S. Government Printing Office Washington, D.C. 20402-9371	http://www.osha.gov
HSE Standards	Health and Safety Executive London Information Centre Rose Court, Ground Floor North 2 Southwark Bridge London SE1 9HS	http://www.hse.gov.uk
CSA Standards	Canadian Standards Association (CSA) 178 Rexdale Boulevard Etobicoke (Toronto), Ontario Canada, M9W 1R3	http://www.csa.ca
CSA Standards	Standards Australia, GPO Box 5420, Sydney NSW 2001	http://www.standards.com.au
EN Standards	European Committee for Standardization	http://www.cenorm.be/catweb/cwen.htm

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