



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

**BUREAU OF INDIAN STANDARDS**

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

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## Review Document

### Basic Details

1.	Sectional Committee No. & Title:	CHD 8 - Occupational Safety and Health
2.	IS No :	IS 14138 : Part 1 : 1994
3.	Title :	Respiratory protective devices: Threads for facepieces - Specification: Part 1 standard thread connection
4.	Date of Previous Review:	November, 2019

### Review Analysis

#### 5.1 Status of standard(s), if any from which assistance had been drawn in the formulation of this IS.

S.No.	Standard (No.)	Standard (Title)	Whether the standard has since been revised	Major changes	Action proposed
1	EN 148 - 1 : 1987	Respiratory protective devices : Threads for facepieces, Part 1, Standard thread connection	EN 148-1:2018 Respiratory protective devices - Threads for facepieces - Part 1: Standard thread connection	NA	NA

#### 5.2 Status of standard referred in the IS.

S.No.	Referred standards (No.)	Referred standards (Title)	Since revised IS no. of the corresponding IS	Changes in the referred Standards since last review of IS	Changes in the referred standard which are affecting the standard under review	Action proposed
1	IS 8347 : 1977	Glossary of terms relating to respiratory protective device ( Reaffirmed in February 1991)	IS 8347 : 2008 Respiratory protective devices - Definitions, classification and nomenclature of components (First Revision)	The concerned technical committee felt the need to revise this Standard based on the experiences gained and the technological developments in the last two and a half decades in this area. During this revision, this standard has been made compatible with IS 9623 : 2007 'Selection, use and maintenance of respiratory protective devices' Code of practice ( first revision )'. Considerable assistance has been derived from the following EN standards during the revision: EN 132 : 1999 Respiratory protective devices; Definitions of terms and pictograms EN 133 : 2001 Respiratory protective devices; Classification EN 134 : 1998 Respiratory protective devices; Nomenclature of components EN 135 : 1999 Respiratory protective devices; List of equivalent terms	IS 8347 is referred to for definitions of terms, symbols, and units.	Reference year needs to be updated.

**5.3 Any other standards available related to the subject & scope of the standard being reviewed (International/regional/other national/association/consortia, etc or of new or revision of existing Indian Standard).**

S.No.	Standard (No.)	Standard (Title)	Provisions that could be relevant while reviewing the IS	Action proposed
1	N/A	N/A	N/A	N/A

**5.4 Technical comments on the standard received, if any.**

S.No.	Source	Clause of IS	Comment	Action proposed
No entry made in this table				

**5.5 Information available on relevant technical developments**

S.No.	Source	Development	Relevant clause of the IS under review that is likely to be impacted (Clause & IS No.)	Action proposed
1	Committee Member	The Committee in the last meeting had decided to revise this standard by making changes in the reference clause, marking clause and updated test methods wherever required are to be incorporated	N/A	Need full has been done.

**5.6 Issues arising out of changes in any related IS or due to formulation of new Indian Standard.**

S.No.	Related IS (revised or new)	Related IS Title	Provision in the IS under review that would be impacted & the clause no. or addition of new clause/provision	Changes that may be necessary in the Standards under review	Action proposed
No entry made in this table					

**5.7 Any consequential changes to be considered in other IS.**

S.No.	Related IS to get impacted	Related IS Title	Requirements to be impacted
1	IS 14746-1999	Respiratory protective devices - Half masks and quarter masks - Specification	Revised standard of IS 14138 Part 1 shall be referred in this standard.
2	IS 10245 : Part 3-1999	Breathing apparatus: Part 3 fresh air hose and compressed air line breathing apparatus - Specification (First Revision)	Revised standard of IS 14138 Part 1 shall be referred in this standard.
3	IS 14166-1994	Respiratory protective devices full - Face masks - Specification	Revised standard of IS 14138 Part 1 shall be referred in this standard
4	IS 14170-1994	Respiratory protective devices mouthpiece assemblies - Specification	Revised standard of IS 14138 Part 1 shall be referred in this standard
5	IS 15323-2003	Gas filters and combined filters used in respiratory protective equipment - Specification	Revised standard of IS 14138 Part 1 shall be referred in this standard
6	IS 15322-2003	Particle filters used in respiratory protective equipment - Specification	Revised standard of IS 14138 Part 1 shall be referred in this standard
7	IS 17274 : Part 11-2019	Respiratory Protective Devices Methods of Test and Test Equipment Part 11 Determination of Field of Vision	Revised standard of IS 14138 Part 1 shall be referred in this standard
8	IS 10245 : Part 2-1994	Respiratory protective devices - Specification: Part 2 open circuit breathing apparatus (First Revision)	Revised standard of IS 14138 Part 1 shall be referred in this standard

**Other Details**

6.	Any other observation:	The revision will essentially take care of the following: i. Publication of standards in A4 size and latest format. ii. Introduction of Hindi title on the first cover page. iii. Introduction of ICS no. in place of UDC no. on first cover page. iv. Copyright details and name/address of the institution and other details as per the latest practice. v. Style of forward to be as per the latest practice, indicating all previous versions, and introducing a para on the current revision. vi. Introduction of Clause 2 References (as per the latest format), and accordingly renumbering of all subsequent clauses. vii. Updating the details of types/classes/grades/ratings, etc. as per the latest cross-referred standards, such as in case of reference to another standard for material and its grade where the grades have since been modified in the latest revision of the cross-referred standard. viii. Use of latest style, manner and wordings, etc. such as Annex for Appendix. ix. Corrections of editorial/typographical mistakes in the existing standards. x. Removal of informatory list of standards at the end, if any. xi. Updation of back cover page with mention of new document number, current details of Information shared therein including BIS offices.				
7.	Upload Supporting Document(s)					
<table border="1"> <tbody> <tr> <td><b>7.1 ARP Report</b></td> <td><a href="#">62_5862_230602025802_ARP_Report.docx</a></td> </tr> <tr> <td><b>7.2 Draft Document</b></td> <td><a href="#">62_5862_230602031822_Draft_Document.pdf</a></td> </tr> </tbody> </table>		<b>7.1 ARP Report</b>	<a href="#">62_5862_230602025802_ARP_Report.docx</a>	<b>7.2 Draft Document</b>	<a href="#">62_5862_230602031822_Draft_Document.pdf</a>	
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8.	Recommendations - On the basis of the analysis of the info available as mentioned above consideration of sectional committee is solicited on the following aspects of the IS under review:	In view of above, it is recommended that IS 14138 (Part 1) : 1994 may be revised incorporating the above mentioned changes and other changes as deemed fit by the committee.				