

# ISO/TS 16973:2016-04 (E)

## Respiratory protective devices - Classification for respiratory protective device (RPD), excluding RPD for underwater application

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Mode of operation .....	1
5	Protection classes (PC) .....	2
6	Work rate .....	2
7	Respiratory interface class .....	3
8	Supplied breathable gas RPD capacity class .....	3
9	Filter class .....	3
9.1	Particle filter class .....	3
9.1.1	Particle filter efficiency .....	3
9.1.2	Particle filter work rate class .....	4
9.2	Gas filter class .....	4
9.2.1	General .....	4
9.2.2	Gas filter capacity .....	4
9.2.3	Gas filter work rate class .....	5
10	RPD using standardized connector .....	5
11	Special application class .....	5
11.1	General .....	5
11.2	Firefighting class .....	6
11.3	Chemical, biological, radiological and nuclear class .....	6
11.4	Marine class .....	6
11.5	Mining class .....	6
11.6	Abrasive blasting class .....	7
11.7	Welding class .....	7
11.8	Escape class .....	7
12	Sequence of marking information .....	8
12.1	Sequence of marking-supplied breathable gas RPD .....	8
12.2	Sequence of marking-filtering RPD .....	8
12.3	Sequence of marking-filter .....	9
12.4	Sequence of marking-respiratory interface using standardized connector .....	9
12.5	Sequence of marking-filters using standardized connector .....	9
Annex A (normative)	Classification and related marking scheme overview .....	10
Annex B (informative)	Examples for ISO classification and related marking .....	15

<b>Annex C (informative) Special applications .....</b>	<b>24</b>
<b>Annex D (informative) Work rate class .....</b>	<b>26</b>
<b>Annex E (informative) Respiratory interface class .....</b>	<b>28</b>
<b>Bibliography .....</b>	<b>30</b>