

# DIN EN 14175-8:2022-09 (E)

## Fume cupboards - Part 8: Fume cupboards for work with radioactive materials

---

<b>Contents</b>		<b>Page</b>
	European foreword .....	3
	Introduction .....	4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	5
4	Dimensions .....	7
5	Basic safety and performance objectives .....	7
6	Materials .....	8
6.1	General requirements .....	8
6.2	Protective barrier .....	8
6.3	Sash .....	9
7	Safety requirements .....	9
7.1	General requirements .....	9
7.2	Construction .....	9
7.2.1	General .....	9
7.2.2	Workspace .....	9
7.2.3	Work surface .....	10
7.2.4	Base .....	11
7.2.5	Side walls .....	11
7.2.6	Protective barrier .....	12
7.2.7	Sash .....	12
7.2.8	Abatement system .....	12
8	Test methods .....	12
8.1	Type testing and onsite testing .....	12
8.2	Exhaust/extract air abatement system .....	14
8.3	Variable air volume control .....	14
9	Type test performance requirements .....	14
10	Services .....	14
10.1	General .....	14
10.2	Drainage .....	15
10.3	Liquids/water/cooling water .....	15
10.4	Electric sockets .....	15
11	User manual .....	15
12	Marking and labelling .....	15
13	Declaration of conformity .....	16
	Bibliography .....	17