

DIN EN 14222:2021-03 (E)

Stainless steel steam boilers

Contents		Page
European foreword		3
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	7
4	Materials	8
5	Design	8
6	Manufacture	8
7	Inspection and testing	8
8	Marking	9
9	Requirements for equipment	9
9.1	General	9
9.2	Safeguards against excessive pressure	9
9.3	Materials for valves, fittings, flanges and bolting	9
9.4	Limiting devices and safety circuits	9
9.5	Steam boiler heat supply	10
9.6	Water level indication	10
9.7	Steam pressure indication	11
9.8	Drain and blowdown devices	12
9.9	Valves for connections	12
9.9.1	Steam outlets	12
9.9.2	Feed water connections and steam supply lines	12
9.10	Feed water supply	13
9.11	Feed water control	13
9.12	Limiter	13
9.12.1	Low water protection	13
9.12.2	Pressure limitation	13
10	Operation of steam boilers	13
11	Small steam boilers	13
Annex A (informative) Operation of steam boilers		14
Annex B (informative) Guidance on the relationship between this European Standard and the General Safety and Performance Requirements of Regulation (EU) 2017/745 on medical devices		15
Annex ZA (informative) Relationship between this European Standard and the essential requirements of Directive 2014/68/EU on Pressure Equipment aimed to be covered [OJEC L 189]		19

Annex ZB (informative) Relationship between this European Standard and the essential requirements of Directive 93/42/EEC on medical devices aimed to be covered [OJEC L 169]	20
Bibliography	22