

DIN EN 806-5:2012-04 (E)

Specifications for installations inside buildings conveying water for human consumption - Part 5: Operation and maintenance

	Contents	Page
Foreword		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	7
4	General	7
5	Documentation	7
6	Operation	8
7	Interruptions to operation and disconnection	8
8	Resumption of supply	9
9	Damage and faults	9
9.1	Change in water quality	9
9.2	Insufficient water supply	9
9.3	Noise emission	10
10	Alterations, extensions and refurbishment	10
11	Accessibility of installation components	10
12	Maintenance	10
Annex A (normative) Frequencies for inspection and maintenance of components for potable water installations		12
Annex B (normative) Inspection and maintenance procedures		14
B.1	Air gaps (protection device family A)	14
B.2	Pipe interrupters (protection unit family D type C)	14
B.3	Backflow preventer with controllable reduced pressure zone (protection unit BA)	15
B.4	Backflow preventer with different non-controllable pressure zones (protection unit CA) ..	17
B.5	Controllable antipollution check valves (protection units EA and EC)	18
B.6	Non-controllable antipollution check valves (protection units EB and ED)	19
B.7	Inline anti vacuum valve (protection units DA)	19
B.8	Pipe interrupter with atmospheric vent and moving elements (protection unit DB)	20
B.9	Hose union backflow preventer (protection unit HA)	21
B.10	Hose union anti-vacuum valve (protection unit type HB)	22
B.11	Automatic diverter (protection unit type HC)	22
B.12	Hose union anti vacuum valve combined with check valve (protection unit family H type D)	23
B.13	Pressurised air inlet valve (protection unit family L type A)	24
B.14	Pressurised air inlet valve combined with a check valve located downstream (protection unit family L type B)	24
B.15	Hydraulic safety groups and expansion groups	25

B.16	Pressure safety valves, expansion valves and combined temperature and pressure relief valves	26
B.17	Inline hot water supply tempering valves	27
B.18	Pressure reducing valve	27
B.19	Pressure booster pump	28
B.20	Water heaters	28
B.21	Fire fighting installations	28
B.22	Pipework	28
B.23	Water meters	28
	Annex C (normative) Inspection and maintenance procedures for water conditioning devices	30
	Bibliography	31