1991 No. 50

WATER AND SEWERAGE

Water Regulations (Northern Ireland) 1991

Made . . . . . *18th February 1991*

Coming into operation . . *25th March 1991*

ARRANGEMENT OF REGULATIONS

PART I

GENERAL

Regulation

1. Citation, commencement and interpretation.

PART II

PROHIBITIONS AND SAVINGS

2. General prohibitions.
3. Prohibition of waste, misuse or contamination of water.
4. Savings for fittings lawfully used and fittings used for temporary non-domestic purposes.

PART III

PREVENTION OF CONTAMINATION OF WATER FROM CONTACT WITH UNSUITABLE MATERIALS OR SUBSTANCES

5. Prohibition of installation of pipes, etc. in contact with contaminating materials.
6. Prohibition of installation of pipes, etc. susceptible to permeation or deterioration.
7. Prohibition of use of contaminating material in contact with water.
8. Prohibition of coal tar in pipes, etc.
9. Prohibition of lead in pipes, etc.
10. Prohibition of connecting copper pipes with lead pipes.

PART IV

PREVENTION OF CONTAMINATION OF WATER BY BACKSIPHONAGE, BACKFLOW OR CROSS-CONNECTION

11. Interpretation of Part IV.
12. Prohibition of connections to convey or receive water for non-domestic purposes.
13. Prohibition of cross-connections.
14. Prohibition of connections of closed circuits to supply pipes.
15. Prohibition of connections of cistern-fed primary circuits to secondary systems.
16. Draw-off taps to baths, sinks, etc.
17. Shower hose connections.
18. Hosepipe connections.
19 to
21 Restrictions on connection of bidets.
22. Clothes-washing and dishwashing machines and tumbler driers.
23. Water softeners used in connection with clothes-washing and dishwashing machines and tumbler driers.
24. Pipes conveying water to cisterns.
25. General requirements for protection at draw-off points.
26. Secondary backflow protection.
27. Pipes in non-domestic premises to be readily distinguishable.
28. Separation of pipes in fire-fighting installations from other fittings.
29. Accessibility of backflow prevention devices.

PART V

PREVENTION OF WASTE AND CONTAMINATION OF STORED WATER

30. Cisterns storing water for domestic purposes.
31. Placing of storage cisterns.
32. Support of storage cisterns.
33. Pipes supplying water to storage cisterns.
34. Fixing and adjustment of float-operated valves.
35. Cistern-fed and vented primary circuits.
36. Primary heater within double-feed indirect cylinders.
37. Single-feed indirect cylinders.
38. Fitting of warning and overflow pipes.
39. Discharge from warning pipe.
40. Prohibition of flexible hose connection to warning and overflow pipes.
41. Cisterns having a common warning pipe.

42. Requirements for float-operated valves.
43. Float-operated valves conveying hot water.
44. Flow control devices other than float-operated valves.
45. Location of storage cisterns supplying water for non-domestic purposes.
46. Animal drinking troughs and bowls.
47. Ponds, fountains and pools.

PART VI

PREVENTION OF WASTE OF WATER FROM DAMAGE TO WATER FITTINGS FROM CAUSES OTHER THAN CORROSION

48. Covering of pipes, etc.
49. Protection of pipes, etc. against damage from freezing and other causes.
50. Protection of plastics pipes from petroleum products.

PART VII

PREVENTION OF WASTE FROM, AND CONTAMINATION BY, UNSUITABLE OR IMPROPERLY INSTALLED WATER FITTINGS

51. Prohibition of contaminating materials or substances.
52. Materials for the construction of water fittings.
53. Laying and jointing of pipes and pipe fittings.
54. Support and securing of pipes.
55. Cleaning pipes after installation or repair.
56. Prevention of warming of water in pipes.
57. Use of adhesives in jointing metal pipes.
58. Accessibility of pipes and other water fittings.
59. Disconnection of water fittings.
60. Connection of water fittings of dissimilar metals.

PART VIII

STOPVALVES, ETC.

61. Meaning of premises in this Part.
62. Provision and location of stopvalves generally.
63. Provision and location of stopvalves on common supply and distributing pipes.
64. Requirements for stopvalves.
65. Draining of supply pipes.
66. Provision of draining taps.

67. Location of draining taps.
68. Provision and location of servicing valves generally.
69. Provision and location of servicing valves in connection with float-operated valves.
70. Restriction on use of servicing valves.
71. Requirements for servicing valves.
72. Watertightness of backflow prevention devices.
73. Accessibility of stopvalves and servicing valves.

PART IX

WATER CLOSETS AND URINALS

74. Requirements for soil pans.
75. Limits of flush in soil pans in domestic dwellings.
76. Limits of flush in soil pans other than in domestic dwellings.
77. Installation or replacement of flushing cisterns.
78. Installation after 31st December 1992 of cisterns providing flushes of different volumes.
79. Limits of flush in troughs.
80. Requirements for fitting and marking of warning pipes used in connection with flushing cisterns or troughs.
81. Marking or displaying of operating instructions for flushing cisterns or troughs.
82. Supply of water in flushing urinals.
83. Pipes supplying water to flush urinals.
84. Pipes discharging to soil pans and urinals.

PART X

PREVENTION OF WASTE, MISUSE AND CONTAMINATION OF WATER FROM BATHS, BASINS, SINKS, DRAW-OFF TAPS AND OTHER FITTINGS

85. Inlets and outlets of baths, wash basins and sinks.
86. Washing troughs.
87. Requirements for draw-off taps.
88. Water used by clothes-washing and dishwashing machines and tumbler driers.

PART XI

PREVENTION OF WASTE AND CONTAMINATION OF WATER FROM A HOT WATER SYSTEM

89. Secondary system vent pipes.

90. Accommodation of expansion water in cistern-fed systems.
91. Accommodation of expansion water in systems connected to a supply pipe.
92. Capacity of expansion cisterns, vessels, etc.
93. Boilers.
94. Pressure relief valves, expansion valves, temperature relief valves, etc.
95. Unvented hot water cylinders or storage tanks fitted with non-mechanical safety devices.

PART XII

TAPS FOR DRAWING DRINKING WATER

96. Taps for drawing drinking water.

PART XIII

NOTICES TO THE DEPARTMENT

97. Notice for the installation of fittings generally.
98. Notice for the installation of pipes.

PART XIV

PENALTIES AND REVOCATION

99. Penalties.
100. Revocation.

SCHEDULES

Schedule 1 — Air gaps in relation to pipes.
Schedule 2 — Air gaps in relation to taps and combination fittings.

The Department of the Environment, in exercise of the powers conferred by Articles 40 and 57(2) and (3) of the Water and Sewerage Services (Northern Ireland) Order 1973(**a**) and now vested in it(**b**) and of every other power enabling it in that behalf, hereby makes the following Regulations:

(**a**) S.I. 1973/70 (N.I. 2)
(**b**) S.R. & O. (N.I.) 1973 No. 504 Article 4