NR/L2/ELP/27238/APP-H

Water distribution systems

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Appendix H
Water distribution systems

H.1 Purpose

This specification states the minimum maintenance periodic requirements for water distribution systems.

H.2 Scope

This specification is applicable to all water distribution systems which are owned and operated by Network Rail.

H.3 Reference documentation

	Workplace (Health, Safety and Welfare) Regulations
	Control of Substances Hazardous to Health Regulations
HS(G)70	Approved Code of Practice HS(G)70 - The Control of Legionellosis Including Legionnaires' Disease
	Heating & Ventilating Contractors Association, Standard Maintenance Specification for Mechanical Services in Buildings - Volume 5 - Electrics in Buildings
GM/RT 5200	Excavations and Identification of Services

H.4 Definitions

Water Risk Assessment Log Book	A record containing management responsibility, risk assessment, maintenance activity and test results for each water installation as prescribed by Health & Safety Commission Approve Code of Practice HS (G) 70.

H.5 Maintenance requirements

H.5.1 General

All water services and fittings shall be maintained at intervals not exceeding 12 months and the test results/certificates kept in the Water Risk Assessment Log Book for each installation.

In particular the following tasks shall be undertaken during the annual maintenance visit:

H.5.1.1 Mains water

a) Water sample to be taken and analysed for pH, appearance, total hardness, conductivity and free residual chlorine;
b) Take random sample of water temperatures at outlets where installations do not have water storage tanks. Record results in Water Risk Assessment Log Book;
c) Check for evidence of scale, leakage or poor operation;

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