

NR/L2/ELP/27238/APP-P

Pumping installations

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Appendix P

Pumping installations

P.1 Purpose

This specification states the periodic maintenance requirements for Pumping Installations so that the safety and reliability of the railway is maintained.

P.2 Scope

This Company Standard is applicable to all Railway Pumping Installations, excluding the major installations at Shore Road and George's Dock on the Merseyrail network and the Severn Tunnel Pumping Station.

P.3 Reference documentation

See Map

P.4 Definitions

Pumping installation

Comprising the enclosure, the pumps, their prime movers and control systems, valves and pipework, sump and well area and any ancillary equipment necessary for operation or maintenance.

P.5 Maintenance Requirements

P.5.1 Records

The following shall be maintained where available, in addition to the general requirements :

- Hours run per pump
- Pump duty cycle setting
- Required flow
- Available flow
- Condition of supporting pipework
- Level settings

P.5.2 Tasks

P.5.2.1 Three Monthly

This consists of a visual inspection and operational check of the following :

Environment
Drawings and Information
Control & Indication
Frost Protection
Level Switches/Sensors
Pipework Installation
Sump Area
Remote Indication
Pump Set