
REVISIONS TO DS63 WATER RETICULATION DESIGN STANDARD

Changes to PE100 requirements

All polyethylene (PE100) pipes and stub-flanges must be entirely fabricated from resins that are both:

1. classed as HSCR (as per PIPA document POP016); and
2. considered Disinfection Resistant in accordance with SPS125 and listed as such in the Strategic Product Register.

Pipes and stub flanges must be indelibly marked with the resin manufacturer and resin name.

Compliant resins are identified in the Water Corporation's Strategic Product Register. The use of any other resins is not permitted.

The minimum pressure rating for PE100 in DS63 applications is PN20. The PN rating of PE100 must be increased to PN25 where trenchless methods are employed for pipe installation or in any other application where there is increased potential for pipe damage (e.g. scratching).

This change will come into effect for all projects commencing construction on or after 01 January 2021, and designs are expected to adopt this new requirement as soon as reasonably practical to facilitate this.

Enquiries regarding the above revisions can be directed to
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