

List of Approved Non-Standard Products

FOREWORD

Designers and Constructors must only use conforming standard products and/or listed non-standard products for components that are critical for the long-term performance of Sydney Water infrastructure.

This document contains a list of non-standard products that have been deemed by Sydney Water to be fit for purpose and/or provide equivalent functional performance to standard products. For standard products, refer to the *List of Acceptable Product Specifications* for information on specifications that have been adopted by Sydney Water.

Sydney Water reserves the right to alter, amend or withdraw this document, at any time, without prior notice.

We welcome any question, feedback or suggestions. Send them to productapproval@sydneywater.com.au.

Contents

FOREWORD	2
VALVES	4
AIR VALVES FOR WATER SUPPLY	4
AIR VALVES FOR SEWERAGE	4
AUTOMATIC CONTROL VALVES	4
GATE VALVES.....	4
ISOLATION VALVES FOR AIR VALVES AND HYDRANTS.....	4
ACCESS STRUCTURES	5
LIGHTWEIGHT POLYMERIC ACCESS COVERS AND MAKE-UP RINGS.....	5
SURFACE FITTINGS	5
EMBEDMENT AND ROADBASE MATERIALS	6
RECYCLED MATERIALS.....	6
PROTECTIVE COATINGS.....	6
SEWER REHABILITATION	6
Log of changes	7

VALVES

Products	Suppliers	Specifications	Additional requirements / limitations
AIR VALVES FOR WATER SUPPLY			
A.R.I. (D-050, D-060HF)	Amiad Australia	AS 4956*	
Vent-O-Mat (Series RBX)	Ventomat Australia	AS 4956*	
AIR VALVES FOR SEWERAGE			
A.R.I. (D-025P, D-025S, D-020, D-020S, D-023)	Amiad Australia	AS 4883*	
Vent-O-Mat (Series RGX)	Ventomat Australia	AS 4883*	
Vent Master (Standard & PX)	GFR Group	AS 4883*	
AUTOMATIC CONTROL VALVES			
Bayard (K110, K120, K150)	Pentair	AS 5081*	
Dorot (S300)	Amiad Australia AVFI	AS 5081*	
GATE VALVES			
Hawle A	Hygrade Water	AS/NZS 2638.2*	<ol style="list-style-type: none"> 1. For flange ends valve, a spacer to suit the AS/NZS 2638.2 face-to-face dimension requirement must also be installed. 2. Only permitted for up to DN 200.
<i>Refer to the List of Acceptable Product Specifications for standard gate valves</i>			
ISOLATION VALVES FOR AIR VALVES AND HYDRANTS			
Hydrant and Air Valve Isolator	Pentair	PS-277	

Note: *Concessions were given to some requirements of the specifications

ACCESS STRUCTURES

Products	Suppliers	Specifications	Additional requirements / limitations
LIGHTWEIGHT POLYMERIC ACCESS COVERS AND MAKE-UP RINGS			
Cover	Pentair ACO Polycrete	PS-292	<ol style="list-style-type: none"> 1. Only for Class B, non-trafficable areas 2. Shall not be used in fire prone areas
Frame and make-up ring	Pentair	PS-293	<ol style="list-style-type: none"> 1. Only for Class B, non-trafficable areas 2. Shall not be used in fire prone areas
Make-up ring	Ladtech, Inc.	PS-293	<ol style="list-style-type: none"> 3. Only for Class B, non-trafficable areas 4. Shall not be used in fire prone areas
SURFACE FITTINGS			
Surface cover and frame for stop valve	Pentair	EPS-352	
Surface cover and frame for spring hydrant	Pentair	EPS-354	
Recycled plastic surround for spring hydrant and stop valves	Pentair	EPS-359	<ol style="list-style-type: none"> 1. Only use in nature pathway
Surface cover and frame for hydrant with isolation valve	Crevet/Gatic Durham	AS 3996 WAT-1305-V WAT-1306-V	<ol style="list-style-type: none"> 1. Crevet/Gatic's product: 445 x 310 mm, Class D, CO310 2. Durham's product: 430 x 230 mm, Class D, CO230 (NT Hydrant Box)

EMBEDMENT AND ROADBASE MATERIALS

Products	Suppliers	Specifications	Additional requirements / limitations
RECYCLED MATERIALS			
Glasssand™	Benedict	WSA PS-368	1. Maximum particles size is 3.35 mm
Envir-O-Agg®	Boral	WSA PS-369	1. Use only materials sourced from Bayswater Power Station

PROTECTIVE COATINGS

Products	Supplier	Specifications	Additional requirements / limitations
Refer to Sydney Water's Supplement to WSA 201			

SEWER REHABILITATION

Products	Supplier	Specifications	Additional requirements / limitations
Refer to Sydney Water's List of Deemed to Comply Products for Sewer Rehabilitation			

Log of changes

Issue date	Summary of changes
21/09/12	First issue
24/10/12	Adding log of change (this table) Correction of a supplier name of lightweight polymeric MH make-up rings Removal of a maintenance shaft product as it is covered by the List of Acceptable Product Specifications
04/12/12	Adding valves products Update of a supplier name
16/10/13	Adding surface fittings category to replace hydrant cover, and populate the category Modifying the reference to protective coating products list
03/03/14	Adding a supplier for lightweight access cover Adding a supplier for hydrant with isolation valve cover
11/03/15	Adding a foreword Adding reference to List of Acceptable Product Specifications for standard gate valves Modifying the additional requirements for a gate valve product