

Clause	Description	Requirement	Supporting Document
All		The products as listed in SA Water’s SCM Authorised Items List continue to be the only products automatically authorised for use in SA Water’s infrastructure. Other products listed in the Sewerage Code of Australia may be used in specific projects with the approval of SA Water.	
Table 10.1	VC Pipe System	No Vitrified Clay pipe is currently authorised by SA Water	
	PVC Pipe	The minimum allowable classes are as follows DN100 SN6 (to AS/NZS 1260) DN150 to DN300 SN4 (to AS/NZS 1260)	
	<i>PVC Jointing system</i> Reinforced Concrete pipe	SA Water uses only solvent welding for this material Reinforced concrete pipe is to be manufactured using calcareous aggregate. SA Water authorisation is to be obtained prior to use of reinforced concrete pipe.	
	GRP pipe	prior to the use of GRP pipe.	
	PE Plain Wall Pipe <i>PE Jointing system</i>	SA Water requires PE 80 as the PE pipe material. For directional boring Minimum Pressure rating is to be PN16. Butt welding of PE pipe in field applications is not acceptable to SA Water without project specific authorisation	
	ABS Pipe System	SA Water authorisation is to be obtained prior to the use of ABS pipe.	
	DI Pipe system	DI is only to be used for rising mains. SA Water authorisation may be given for other special applications (eg creek crossings)	
Table 10.3	Pressure mains	Minimum Pressure Rating (PN) is to be 1.5 times the maximum design pressure for the main.	
WSAA Website	http://www.wsaa.asn.au/frameset2.html	This is a very handy introduction to the latest product and material information. Listing on the WSAA website does not automatically guarantee product authorisation by SA Water and product selection is to be based on the SCM Authorised Items List	

ADDITIONAL REQUIREMENTS	
Description	SA Water Requirements
Maintenance Holes	Only Authorised Concrete MH systems are to be used unless project specific approval is obtained.
Step Irons and ladders	Step Irons and ladders are not to be installed in MH or other access structures
Covers and Frames	All covers and frames are to be as follows:- Non-road use DI/CI Class B In-road use DI/CI Class D Covers and frames to be as specified in SCM Authorised Items List
Valves	All stop valves to be CLOCKWISE closing