Icon Water Approved Products List for Sub-metering Arrangement

Document management

Document authorisation table

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1 Approved Products List for Sub-metering Arrangement

1.1 Water Sub-meter Box Kit for Inground Installation – Potable Water Network

Item	Supplier	Product		Appraisals
1	All Valve	Brand:	All Valve Industries	No WSAA appraisal
		Sizes:	DN20	
		Connections:	BSP x flat face meter union	
		Rating:	PN16	
		Models:	AVMB-2BSP-IW	
			AWMB-2BSP-IW/BP (with spool)	
All Va	lve sub-meter in	comprises of three main components		
1.1	All Valve	Product:	Ball Valve	WSAA PA 1927
		Brand:	Airaga	
		Sizes:	DN20	
		Material:	Brass	
		Connections:		
		Rating:	PN16	
		Models:	019400506R1	
1.2	All Valve	Product:	Meter Box	No WSAA appraisal
		Brand:	Draper	
		Sizes:	DN20 (445L * 288W * 320D)	
		Material:	High Density Polyethylene	
		Connections:	N/A	
		Rating:	Class A	
		Models:	AVMB-DRA/20/1	
1.3	All Valve	Product:	Meter Spacer	No WSAA appraisal
_		Brand:	Thomas Gooden Foundry	'''
		Sizes:	DN20	
		Material:	Copper	
		Rating:	PN16	
		Models:	BP20S-H6	
Item	Supplier	Product		Appraisals
2	Strongcast	Brand:	Strongcast	No WSAA appraisal
		Sizes:	DN20	
		Connections:	BSP Male – female nut to suit standard	
			domestic water meter	
			PN16	
		Rating:		
		Rating: Models:	SCMB2BSP	
		Models:	SCMB2BSP/S (with spool)	
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All Valve DN20 sub-meter box kit for inground installation





Strongcast DN20 sub-meter box kit for inground installation





Typical plastic debris guard

Limits of Use:

- 1. The use of plastic threaded components is not allowed within the water network. All threaded components must have a metal-to-metal fit-up.
- 2. The installation must ensure that ball valve unions are not overtightened. The appropriate tightening is defined as hand tight plus a quarter to a half turn with a spanner. Overtightening can lead to damage of the rubber washer and may result in a noticeable reduction in water service's flow rate. Conversely, not tightening sufficiently can result in leakage. Note that Icon Water is not responsible for any leakage issues downstream of the master meter.
- 3. For inground installations, the meter box must be supplied with the plastic debris guard. The plastic debris guard must be fitted from the outside of the meter box without the use of any fixings to avoid causing damage to the meter box.

General Notes:

- Refer to STD-SPE-M-006 Requirements for Property Service Connections and Water Meters for additional information on Icon Water sub-metering requirements.
- The approval for the ball valves is valid until January 2026 and the ball valve ust have lead-free approval from 2026 onwards. The approval will no longer be valid if this certification cannot be provided.
- 3. Icon Water is currently reviewing the use of ball joints in the metering services and are reviewing the use of nut and tail arrangement. Following the review of these options, Icon Water may consider switching to nut and tail joint type for these assets.

1.2 Water Sub-meter Wall Bracket Kit for Cabinet Installation – Potable Water Network

Item	Supplier	Product		Appraisals
1	All Valve	Brand:	All Valve Industries	No WSAA appraisal
		Sizes:	DN20	
		Connections:	BSP x flat face meter union	
		Rating:	PN16	
All \/o	lyo aub matar w	Models:	SMLIMSS-BP mprises of three main components	
1.1	All Valve	Product:	Ball Valve	WSAA PA 1927
1.1	All valve	Brand:	Airaga	WSAA PA 1921
		Sizes:	DN20	
		Material:	Brass	
		Connections:	BSP x flat face meter union	
		Rating:	PN16	
		Models:	019400506R1	
1.2	All Valve	Product:	Bracket	No WSAA appraisal
		Brand:	Airaga	
		Sizes:	Suit DN20 isolation valves	
		Material:	Stainless Steel	
		Connections:	N/A	
		Rating:	N/A	
4.0	A II 3 / - I	Models:	DI01SS/194	NI NACO A A CONTRACTOR I
1.3	All Valve	Product: Brand:	Meter Spacer Thomas Gooden Foundry	No WSAA appraisal
		Sizes:	DN20	
		Material:	Copper	
		Rating:	PN16	
		Models:	BP20S-H6	
Item	Supplier	Product		Appraisals
2	Strongcast	Brand:	Strongcast	No WSAA appraisal
		Sizes:	DN20	
		Connections:	BSP Male – female nut to suit standard	
			domestic water meter	
		Rating:	PN16	
C4		Models:	SCMLIM20Q30GF/S	
	T		comprises of three main components	14/O A A D A 000 A
2.1	Strongcast	Product: Brand:	Ball Valve	WSAA PA 2024
		Sizes:	Strongcast DN20	
		Material:	Brass	
		Connections:		
			domestic water meter	
		Rating:	PN16	
		Models:	QC9746	
2.2	Strongcast	Product:	Bracket	No WSAA appraisal
		Brand:	Strongcast	
		Sizes:	Suit DN20 isolation valves	
		Material:	Stainless Steel / Composite	
		Connections:	N/A	
		Rating:	N/A	
2.2	Ctuana:t	Models:	SCMLIM20Q30GF/	No MCAAi
2.3	Strongcast	Product:	Meter Spacer	No WSAA appraisal
		Brand: Sizes:	Strongcast DN20	
		Material:	Copper	
		Rating:	PN16	
		Models:	SCDN2014TPI	
	I.			1



All Valve sub-meter wall bracket kit



Strongcast sub-meter wall bracket kit

Limits of Use:

- 1. The use of plastic threaded components is not allowed within the water network. All threaded components must have a metal-to-metal fit-up.
- 2. The installation must ensure that ball valve unions are not overtightened. The appropriate tightening is defined as hand tight plus a quarter to a half turn with a spanner. Overtightening can lead to damage of the rubber washer and may result in a noticeable reduction in water service's flow rate. Conversely, not tightening sufficiently can result in leakage. Note that Icon Water is not responsible for any leakage issues downstream of the master meter.

General Notes:

- 1. Refer to STD-SPE-M-006 Requirements for Property Service Connections and Water Meters for additional information on Icon Water sub-metering requirements.
- 2. The approval for the ball valves is valid until January 2026 and the ball valve ust have lead-free approval from 2026 onwards. The approval will no longer be valid if this certification cannot be provided.
- 3. Icon Water is currently reviewing the use of ball joints in the metering services and are reviewing the use of nut and tail arrangement. Following the review of these options, Icon Water may consider switching to nut and tail joint type for these assets.