

WSAA PRODUCT APPRAISAL CERTIFICATE

Steel Mains Pty Ltd SINTAKOTE® Steel Pressure Pipe and Fittings

This appraisal is for a range of Steel Mains mild steel pipe and fittings manufactured in accordance with AS 1579:2001 – *Arc-welded steel pipes and fittings for water and wastewater* for use in water supply and pressure sewerage systems.

The scope of this appraisal applies to steel pipe in sizes 168 OD to 2500 OD and steel fittings from 114 OD to 2500 OD. Details of the products are included in the attached Schedules A and B.

This Issue 2 is a replacement for the previous version of the appraisal which had reached its 5-year expiry date.

Product Category	Steel pressure pipe and fittings
PA Number:	PA 1818 Issue 2
Supplier	Steel Mains Pty Ltd
Brand	SINTAKOTE
Standards	AS 1579:2001 – <i>Arc-welded steel pipes and fittings for water and wastewater</i>
WSAA Product Specifications	<p>WSA PS-203 <i>Steel Pipes for Pressure and Non-Pressure Applications – Drinking Water, Non-Drinking Water Supply and Sewerage</i></p> <p>WSA PS-204 <i>Steel Fittings for Pressure and Non-Pressure Applications – Drinking Water, Non-Drinking Water Supply and Sewerage</i></p>
Other Specifications	
Issue date	22 May 2024
Expiry date	21 May 2029
Recommendations	It is recommended that WSAA members, subject to any specific requirements of the member, accept or authorise Steel Mains SINTAKOTE pipes and fittings as detailed in this report for use in drinking water, non-drinking water and pressure sewerage applications including vacuum sewerage, provided pipeline design, manufacture, installation and acceptance testing and commissioning are in accordance with applicable Australian Standards, WSAA Codes and the manufacturer's requirements
Disclaimer	The disclaimer on Page 2 explains a number of very important limits on your ability to rely on the information in this Product Appraisal Certificate and the assessment criteria used to underlay it. Please read it carefully and take it into account when considering the content in this Certificate.

1. Disclaimer

This Product Appraisal Certificate (Certificate) is issued by WSAA on the understanding that:

This Certificate applies to the product(s) as submitted in Schedule A. Any changes to the product(s) either minor or major shall void this Certificate.

To maintain the recommendations of this Certificate any such changes shall be detailed and notified to the Product Appraisal Manager for consideration and review of the Certificate including the product appraisal criteria underlying it and appropriate action. Appraisals and their recommendations will be the subject of continuous review dependent upon the satisfactory performance of products.

WSAA reserves the right to undertake random audits of product manufacture and installation. Where products fail to maintain appraised performance requirements the appraisal and its recommendations may be modified and reissued. Certificates will be reviewed and reissued at regular intervals not exceeding five (5) years.

WSAA reserves the right to withdraw this Certificate at any time in its sole and absolute discretion for any reason.

The following information explains a number of very important limits on your ability to rely on the information in this Certificate. Please read it carefully and take it into account when considering the contents of this Certificate.

Any enquiries regarding this Certificate should be directed to the Product Appraisal Manager Phone: 03 8605 7601 email carl.radford@wsaa.asn.au.

1.1. Issue of Certificate

This Certificate has been published and/or prepared by WSAA and nominated Project Manager and peer group of technical specialists (the Publishers).

The Certificate and the underlying product appraisal criteria have been prepared for use within Australia only by technical specialists that have expertise in the function of products such as those appraised in the Certificate (the Recipients).

By accepting this Certificate, the Recipient acknowledges and represents to the Publisher(s) and each person involved in the preparation of the Certificate and product appraisal criteria underlying it that the Recipient has understood and accepted the terms of this Disclaimer.

1.2. Limits on Reliance on Information and Recommendations

1.2.1. Disclaimer of liability

Neither the Publisher(s) nor any person involved in the preparation of the Certificate and product appraisal criteria underlying it accept(s) any liability for any loss or damage suffered by any person however caused (including negligence or the omission by any person to do anything) relating in any way to the Certificate or the product appraisal criteria underlying it. This includes (without limitation) any liability for any recommendation or information in the Certificate or any errors or omissions.

1.2.2. Intellectual Property and other rights

WSAA does not undertake any assessment of whether the importation, manufacture, sale or use of the Product the subject of this Certificate infringes the intellectual property rights or proprietary rights of any person. Recipients of the Certificate should undertake their own assessment of whether (as relevant) the importation, manufacture, sale or use of the relevant Products infringe the intellectual property rights or other proprietary rights of any person. If the Product infringes intellectual property rights or other proprietary rights there is potential for the supply of the Products to be interrupted.

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1.2.3. Need for independent assessment

The information and any recommendation contained (expressly or by implication) in this Certificate are provided in good faith (and subject to the limitations noted in this Certificate). However, you should treat the information as indicative only. You should not rely on that information or any such recommendation except to the extent that you reach an agreement to the contrary with the Publisher(s).

This Certificate does not contain all information that a person might require for the purposes of assessing any product discussed or appraised within it. The product appraisal criteria used in preparing this Certificate may not address all relevant aspects of the Product.

Recipients should seek independent evidence of any matter which is material to their decisions in connection with an assessment of the Product and consult their own advisers for any technical information required. Any decision to use the Product should take into account the reliability of that independent evidence obtained by the Recipient regarding the Product. Recipients should also independently verify and assess the appropriateness of any recommendation in the Certificate, especially given that any recommendation will not take into account a Recipient's particular needs or circumstances.

WSAA has not evaluated the extent of the product liability and professional indemnity insurance that the provider of the product maintains. Recipients should ensure that they evaluate the allocation of liability for product defects and any professional advice obtained in relation to the product or its specification including the requirements for product liability and professional indemnity insurance.

1.3. No Updating

Neither the Publisher(s) nor any person involved in the preparation of this Certificate or the product appraisal criteria underlying it [has] [have] any obligation to notify you of any change in the information contained in this Certificate or of any new information concerning the Publisher(s) or the Product or any other matter.

1.4. No Warranty

The Publisher(s) do[es] not, in any way, warrant that steps have been taken to verify or audit the accuracy or completeness of the information in this Certificate, or the accuracy, completeness or reasonableness of any recommendation in this Certificate.

QUALITY AND PRODUCT CERTIFICATIONS

Copies of the following quality certificates are available from WSAA.

SCHEDULE A1

STEEL MAINS PTY LTD– MANAGEMENT SYSTEMS

125-175 Patullos Lane Somerton Vic	
Quality Systems Standard	ISO 9001:2015
Certification Licence No.	QEC1034
Certifying Agency	Intertek SAI Global
First Date of Certification	16 January 1989
Current Date of Certification	19 December 2023
Expiry Date of Certification	24 January 2027

SCHEDULE A2

STEEL MAINS PTY LTD – MANAGEMENT SYSTEMS

Lot 6 Leath Road Naval Base WA	
Quality Systems Standard	ISO 9001:2015
Certification Licence No.	QMS42496
Certifying Agency	SAI Global
First Date of Certification	23 May 2017
Current Date of Certification	28 March 2023
Expiry Date of Certification	22 May 2026

**SCHEDULE A3
STEEL MAINS PTY LTD – PRODUCT CERTIFICATION**

125-175 Patullos Lane Somerton Vic	
Product Standard/Spec.	AS 1579:2001
Certificate No.	SMK02540
Issuing Certification Body	SAI Global
First Date of Certification	20 March 2001
Current Date of Certification	9 September 2020
Expiry Date of Certification	19 March 2026

**SCHEDULE A4
STEEL MAINS PTY LTD – PRODUCT CERTIFICATION**

Lot 6 Leath Road Naval Base WA	
Product Standard/Spec.	AS 1579:2001
Certificate No.	SMK40658
Issuing Certification Body	SAI Global
First Date of Certification	19 April 2017
Current Date of Certification	14 April 2022
Expiry Date of Certification	18 April 2027

PRODUCT DETAILS

This appraisal is for a range of Steel Mains mild steel pipe and fittings manufactured in accordance with AS 1579:2001 – *Arc-welded steel pipes and fittings for water and wastewater* for use in water supply and pressure sewerage systems with the following attributes:

- Arc-welded mild carbon steel pipes & fittings.
- Pipes are manufactured by butt welded spiral welds complying to welding standard AS/NZS 1554.1.
- Fittings are manufactured from pipes complying with AS 1579. Steel Mains also have the capability to produce steel pipe fittings fabricated to other standards, however those fittings are outside the scope of this appraisal.
- Allowable Operating Pressure – up to 6.8MPa
- Sizes - 168mm OD to 2500mm OD for pipe and 114mm OD to 2500mm OD for fittings
- Pipe Lengths – 6, 9, 12 & 13.5 metres or as specified by the customer.
- Joint Types – WCJ, SSJ, BSJ, RRJ, WRRJ and flanged joint
- Coatings – SINTAKOTE fusion bonded polyethylene (FBPE) complying with AS 4321.
- Linings – Cement Mortar Lining (CML) complying with AS 1281 using General Purpose Portland Cement (GP), Blended Cement (GB) or Sulphate Resistant Cement (SR) for raw, potable and non-drinking water. Calcium (High) Aluminate Cement (CAC) or fusion bonded polyethylene (FBPE) complying with AS 4321, for sewage and aggressive waters (see WSAA TN6).
- Cement Mortar Linings may also be provided with a bituminous seal coat, applied to reduce pH change in aggressive potable waters. Guidance on the use of a seal coating should be sought from the manufacturer. In general, consideration should be given to the use of seal coatings where the total alkalinity of the water being conveyed is less than 30 mg/L.



SUPPLIER CONTACTS

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