

WSAA PRODUCT APPRAISAL CERTIFICATE

Gillies Metaltech Limited Spring Hydrant Valves

This appraisal is for Gillies DN 80 and DN 100 spring hydrant valves with flanged outlets to AS 4087 Fig B5.

The PN16 valves incorporate removable internal components to allow direct full-bore access to the pipeline for insertion and removal of swabs for scouring purposes.

A spring hydrant valve is intended for use with drinking and non-drinking water supply and is operated by means of the attachment of a standpipe.

Quality Certification and product details are listed in Schedules A and B.

Product Category	Spring Hydrant Valves
PA Number:	PA 2505
Supplier	Gillies Metaltech Limited
Brand	Gillies
Standards	AS/NZS 2638.2:2011 <i>Gate valves for waterworks purposes, Part 2: Resilient seated</i>
WSAA Product Specification	AS 3952:2002 <i>Water supply - Spring hydrant valve for waterworks purposes</i>
Issue date	10 October 2025
Expiry date	9 October 2030
Recommendations	It is recommended that WSAA members, subject to any specific requirements of the member, accept or authorise the Gillies spring hydrant valves, as detailed in this report, for use in water supply pressure pipelines designed and installed in accordance with applicable WSAA Codes and the manufacturer's requirements, where specified.
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 underlie it. Please read it carefully and take 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.

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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.

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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 CERTIFICATIONS

Copies of the following Quality Certificates are available from the WSAA.

SCHEDULE A1 GILLIES METALTECH LTD – MANAGEMENT SYSTEMS

28 Tyne Street Oamaru NZ	
Quality Systems Standard	ISO 9001:2015
Certification Licence No.	NZ001986-1
Certifying Agency	Bureau Veritas
First Date of Certification	17 July 2008
Current Date of Certification	17 July 2023
Expiry Date of Certification	17 July 2026

SCHEDULE A2 HYNDS LTD – MANAGEMENT SYSTEMS

25 Arwen Place East Tamaki Auckland NZ	
Quality Systems Standard	ISO 9001:2015
Certification Licence No.	2641
Certifying Agency	Telarc
First Date of Certification	18 March 1994
Current Date of Certification	1 October 2025
Expiry Date of Certification	14 October 2028

SCHEDULE A3 GILLIES METALTECH LTD – PRODUCT CERTIFICATION

28 Tyne Street Oamaru NZ	
Product Standard/Spec.	AS 3952:2002
Certificate No.	2973
Issuing Certification Body	Bureau Veritas
First Date of Certification	28 November 2022
Current Date of Certification	3 March 2025
Expiry Date of Certification	28 November 2027



PRODUCT LITERATURE



Gillies Spring Fire Hydrant

Gillies Spring Fire Hydrants provide reliable operation to Fire Service and Water Authorities.



TECHNICAL GUIDE: AVH2.1

Applications

Water supply for Fire Services and similar operations

Scouring or Flushing Point



AS/NZS 3952 2002
Licence No 2973

Product Attributes

Long life reliable operation

Removable internal components for full bore access to the pipeline for scouring purposes

Potable and recycled water options available

Approvals/Standards

Designed and manufactured to AS3952

Flanges to AS4087 Fig. B5

Coating complies with AS/NZS4158, AS/NZS4020

Quality

ISO 9001:2015 Quality Management Systems



Designed and manufactured to AS3952, the Gillies Spring Hydrant features high strength, and corrosion resistant materials ensuring reliable long-life service. Available in DN80 and DN100.

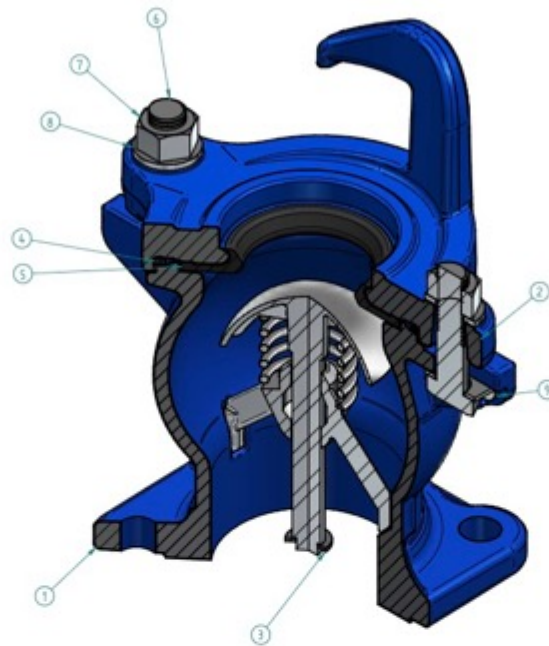
Product Feature

- Ductile iron body and yoke for high strength and impact resistance.
- Internal components are removable to allow for full bore access to the pipeline for scouring.
- Thermally bonded polymeric coating to provide long lasting corrosion protection.
- Stainless Steel components provide corrosion resistance for long life operation.
- Innovative seal design prevents ingress of dirt between the hydrant body and the seal.

Design Specifications

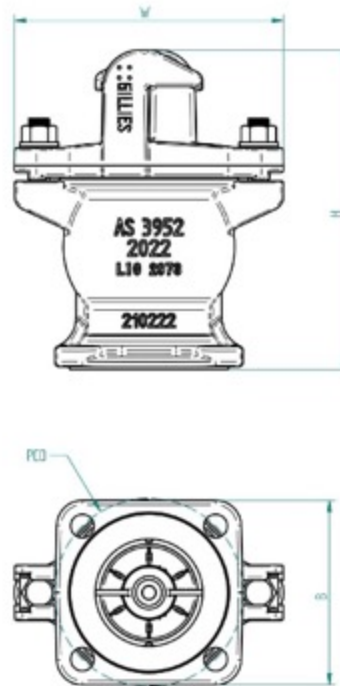
- Allowable Operating Pressure: 1600 kPa
- Maximum Design Temperature: 50°C
- Complies with AS/NZS 4020:
Maximum Temperature 40°C
- End Connections: Flanged to AS/NZS4087 Fig. B5





Component Materials

No.	Component	Material
1	Body	Ductile Iron
2	Yoke	Ductile Iron
3	Dome Assembly	Stainless Steel
4	Body Yoke Seal	EPDM
5	Dome Seal	EPDM
6	Bolt	Stainless Steel
7	Nut	Stainless Steel
8	Washers	Stainless Steel
9	Washers	Stainless Steel



Size (mm)	H (mm)	W (mm)	B (mm)	PCD (mm)	Weight (kg)
DN80	248	208	146	146	7.8
DN100	248	208	167	178	8.7



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September 2025

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