



Oz-Kan Makina Sanayi ve Tic AS

PRODUCT APPRAISAL REPORT 2504

Air Valves for Water Applications

AS 4956:2017 Air valves for water supply

Published: 15 July 2025

Expiry Date: 14 July 2030

Document History

The following information indicates the changes made to this document.

Date	Version
30 June 2025	Client Review
30 June 2025	Peer Review
15 July 2025	Publication
8 September 2025	Corrected Typo

Peer Reviewers

Name/Title	Organisation	Date
Product Appraisal Technical Advisory Group	WSAA	15 July 2025
WSAA Expert Panel	WSAA	15 July 2025
Peter Pittard, WSAA Consultant	WSAA	25 June 2025
Carl Radford, Product Appraisal Manager	WSAA	15 July 2025

Overview of WSAA

The Water Services Association of Australia (WSAA) is the peak industry body representing the urban water industry. Our members provide water and sewerage services to over 20 million customers in Australia and New Zealand and many of Australia's largest industrial and commercial enterprises.

Based around our vision of 'customer driven, enriching life', WSAA facilitates collaboration, knowledge sharing, networking and cooperation within the urban water industry. We are proud of the collegiate attitude of our members which has led to industry-wide approaches to national water issues.

WSAA can demonstrate success in the standardisation of industry performance monitoring and benchmarking, as well as many research outcomes of national significance. The WSAA Executive retains strong links with policy makers and legislative bodies and their influencers, to monitor emerging issues of importance to the urban water industry.

WSAA was formed in 1995 as a non-profit organisation to foster the exchange of information between industry, government and the community, and to promote sustainable water resource management.

The urban water industry is committed to anchoring its services to customers' values, and to enrich communities where water services have broad economic, environmental and social values. In line with this our main activities focus on four areas:

1. influencing national and state policies on the provision of urban water services and sustainable water resource management
2. promoting debate on environmentally sustainable development and management of water resources and the community health requirements of public water supplies
3. improving industry performance and establishing benchmarks and industry leading practices for water service processes; and
4. fostering the exchange of information on education, training, research, water and wastewater management and treatment and other matters of common interest.

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1 EXECUTIVE SUMMARY

Oz-Kan Makina Sanayi ve Tic AS (Ozkan), established in 1983, is a manufacturer of valves located in Turkey. The company was acquired by the Hawle Austria Group in 2011. Its products include butterfly valves, needle valves, check valves, air release valves and dismantling joints.

Hygrade Water Australia, a member of the Hynds Group, is a supplier of pipeline systems and related products to civil contractors and is the Australian agent for Ozkan products.

This Appraisal is for a range of Ozkan metallic bodied single chamber double orifice non slam flanged air valves for water applications in sizes DN 80 to DN 200, manufactured to AS 4956:2017 *Air valves for water supply*.

The valves have PN16 pressure classification with flanges compatible with AS/NZS 4087 Fig B5.

The large orifice on the air valves allows for large volumes of air outlet and intake during filling and emptying the pipeline. The small orifice allows release of air pockets from pressurised pipes during operation.

Ozkan and Hynds Ltd (including Hygrade Water Australia) both hold ISO 9001:2015 Quality Management System Licences.

The Ozkan air valves have ISO Type 5 StandardsMark Product Certification to AS 4956:2017 *Air valves for water supply*.

This Appraisal has determined that Ozkan air valves, as detailed in this report, meet the requirements of WSA PS-265 *Air Valves for Pressure Applications – Drinking Water and Non-Drinking Water Supply* and are considered as 'fit-for-purpose'.

1.1 Recommendations

It is recommended that WSAA members, subject to any specific requirements of the member, accept or authorise Ozkan flanged double orifice air valves for use in water supply applications, as detailed in this report, provided they are installed in accordance with applicable WSAA codes and manufacturers' requirements, where specified.

2 THE APPLICANT

The Applicant is Oz-Kan Makina Sanayi ve Tic AS.

2.1 The Manufacturer

Oz-Kan Makina Sanayi ve Tic AS (Ozkan), established in 1983, is a manufacturer of valves located in Turkey. The company was acquired by the Hawle Austria Group in 2011. Its products include butterfly valves, needle valves, check valves, air release valves and dismantling joints.

For more information see: <https://www.oz-kan.com.tr/en/>

2.2 The Supplier

Hygrade Water Australia was established in 2007 to supply a range of specialist products for the Australian plumbing and civil market segments. Hygrade Water is a registered Australian business, wholly owned by the Hynds Group.

Hynds Group, a privately owned and operated New Zealand company established in 1973, has become a leading supplier of pipeline systems and related products to civil contractors within Australasia.

Hygrade Water Australia is the Australian agent for Ozkan products in Australasia.

More information is available at: <https://www.hygradewater.com.au/>

3 THE PRODUCT

This Appraisal is for a range of Ozkan metallic bodied single chamber double orifice non slam flanged air valves for water applications in sizes DN 80 to DN 200, manufactured to AS 4956:2017 *Air valves for water supply*.

The valves have PN16 pressure classification with flanges compatible with AS/NZS 4087 Fig B5.

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FIGURE 1 OZKAN DOUBLE ORIFICE AIR VALVE FOR WATER

TABLE 1 OZKAN AIR VALVE RANGE

DN	End Connection	Pressure Classification
80	Flanged	PN16
100		
150		
200		

More information is available in Appendix A and the following link:

<https://www.hygradewater.com.au/product/ozkan-dynamic-air-release-valve/>

4 SCOPE OF THE APPRAISAL

The scope of this appraisal includes metallic bodied single chamber double orifice non slam flanged air valves for water applications, as detailed in Section 3 and included in the ISO Type 5 StandardsMark Product Certification schedule included in Appendix B.

5 APPRAISAL CRITERIA

5.1 Quality Assurance Requirements

The WSAA Product Appraisal Technical Advisory Group accepts air valves for water supply manufactured in compliance with AS 4956:2017 *Air valves for water supply* and duly certified by means of an ISO Type 5 product certification scheme undertaken by a JAS-ANZ

accredited Conformity Assessment Body (CAB) or by an international accreditation system recognised by JAS-ANZ.

The manufacturer is generally expected to have a production management and control system that has been duly accredited in accordance with AS/NZS ISO 9001 as a prerequisite to undergoing a product certification audit.

The ISO Type 5 Product Certification Scheme shall meet the criteria described in WSA TN-08.

5.2 Performance Requirements

The Ozkan air valves have been appraised for compliance with AS 4956:2017 *Air valves for water supply*.

Appraisal criteria are also determined by the WSAA Product Appraisal Technical Advisory Group and regularly reviewed to ensure that the criteria reflect the requirements of WSAA members.

The following Product Specification is also relevant to this application:

WSA PS-265 *Air Valves for Pressure Applications – Drinking Water and Non-Drinking Water Supply*

A copy of the Product Specification is available at the following link:

<https://wsaa.asn.au/Web/web/shop/ShopSearch.aspx?category=PRODSPECS>

6 COMPLIANCE WITH APPRAISAL CRITERIA

6.1 Compliance with Quality Assurance Requirements

Ozkan has submitted the following quality certificates:

- ISO 9001:2015 Certificate of Registration No.12 100 68102 TMS issued to Oz-Kan Makina San Ve Tic AS by TUV SUD.
- ISO 9001:2015 Certificate of Registration No.2641 issued to Hynds Ltd (including Hygrade Water Australia) by TUV SUD.
- AS 4956:2017 ISO Type 5 StandardsMark Product Certification Licence No. SMK41489 issued to Oz-Kan Makina San Ve Tic AS by Intertek SAI Global.

Copies of the Quality Assurance and Product Certification licences have been included in Appendix B and are also available from WSAA.

Copies of Quality Assurance certificates have also been supplied for the component suppliers.

6.2 Compliance with Performance Requirements

6.2.1 Components material list

The Ozkan air valves material specifications for the components are detailed below and are deemed to meet the minimum requirements specified in AS 4956. Material test certificates have been submitted for the critical components to demonstrate compliance.

TABLE 2 OZKAN AIR VALVES COMPONENT MATERIAL LIST

Component	Material	Grade
Body	Ductile iron	400-15
Cover	Carbon steel	ST37
Float support	Stainless steel	Grade 316

Component	Material	Grade
Guide rod	Stainless steel	Grade 316
Fasteners	Stainless steel	Grade 316
Floats	Plastics	HDPE
Small orifice	Stainless steel	Grade 316
Seals and O-rings	Elastomer	EPDM
Insect screen	Stainless steel	Grade 316

6.2.2 Flanges

The DN 80, DN 100, DN 150 and DN 200 flanges comply with the physical dimensions of EN1092-2, drilled to AS/NZS 4087 Figure B5 PN16.

EN1092-2 flanges have minor differences in outside diameter, raised face diameter and flange thicknesses compared to AS/NZS flanges, however these differences do not prevent compatibility.

The flanges are deemed acceptable.

6.2.3 Polymeric thermal bonded coatings

Ozkan ductile iron valve bodies and carbon steel covers are coated with Akzo Nobel Resicoat R4 ES HJF13R, a thermosetting fusion bonded epoxy powder coating.

Resicoat R4 HJF13R has ISO Type 5 StandardsMark Product Certification to AS/NZS 4158. A copy of the current certification is held on file by WSAA.

Ozkan has supplied a copy of their coating application procedures and typical production test reports to demonstrate that application complies with AS/NZS 4158.

WSAA requires Ozkan to submit a test report undertaken by an ISO 17025 accredited laboratory to demonstrate conformance with the AS/NZS 4158 process verification tests. This requirement has been added to Section 13 as a future work requirement.

The process is also audited by SAI-Global in conjunction with periodic StandardsMark certification audits.

6.2.4 Type tests

AS 4956 specifies a comprehensive suite of performance tests to be undertaken. Static tests are required to be undertaken on each DN and PN valve and dynamic tests are required to be undertaken on a representative valve no smaller than DN 50.

Required tests are:

- Static
 - Body strength
 - Seat leakage at high pressure
 - Seat leakage at low pressure
 - Endurance
 - Long term unseating capability
- Dynamic
 - Air discharge capacity
 - Air intake capacity

The equipment required to conduct these tests is specialised and not generally available in commercial testing laboratories. The tests were conducted at the Ozkan manufacturing site and witnessed by Intertek SAI Global to demonstrate compliance with the performance requirements of AS 4956. The air intake tests were undertaken by State Hydraulic Works Laboratories (Accredited by Turkish Accreditation Agency (TURKAK)).

6.2.5 Contact with drinking water

AS 4956 requires compliance with AS/NZS 4020 *Testing of products for use in contact with drinking water*. Ozkan has submitted Test Report Number ABA52951 dated 6th September 2022 from Eurofins ams (NATA Accreditation No. 15773) for a DN 25 air valve to demonstrate compliance with AS/NZS 4020:2018.

7 FITTING INSTRUCTIONS, TRAINING AND INSTALLATION

A User Manual is available from Hygrade Water or WSAA.

8 PRODUCT MARKING

The air valves have the following information indicated on a stick-on label in accordance with AS 4956 requirements:

- Manufacturers name or mark: Ozkan
- Serial No:
- Nominal size: e.g. DN 80
- Pressure Class: PN16
- Year of manufacture: ddmmyyyy
- The standard number: AS 4956
- StandardsMark symbol – I>>>>I)



FIGURE 2 EXAMPLE OF MARKING

9 PACKAGING AND TRANSPORTATION

The air valves are strapped to a wooden pallet and shrink wrapped.

10 PRODUCT WARRANTY

The products are covered by the normal commercial and legal requirements of the *Competition and Consumer Act 2010 (Cth)*, which covers manufacture to the relevant standard, and details of Ozkan's warranty is included in their terms and conditions of sale.

11 WATER AGENCY EXPERIENCE WITH THE PRODUCT OR FIELD TESTING REPORT

The air valves have been extensively used within Europe for many years.

This Appraisal is a pre-requisite to seek Australian water agency approvals.

12 OUTCOMES OF EXPERT PANEL PRODUCT REVIEW

No issues were raised.

13 FUTURE WORKS

Ozkan is required to submit a test report undertaken by an ISO 17025 accredited laboratory to demonstrate conformance with the AS/NZS 4158 process verification tests within 3 months of the publication of this report.

14 DISCLAIMER

This Product Appraisal Report (Report) is issued by the Water Services Association of Australia Limited on the understanding that:

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

To maintain the recommendations of this Report any such changes shall be detailed and notified to the Product Appraisal Manager for consideration and review of the Report 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. Appraisal reports will be reviewed and reissued at regular intervals not exceeding five (5) years.

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

Any enquiries regarding this report should be directed to the Program Manager, Carl Radford, email carl.radford@wsaa.asn.au.

14.1 Issue of Report

This Report has been published and/or prepared by the Water Services Association of Australia Limited and nominated Project Manager and peer group of technical specialists (the Publishers).

The Report has been prepared for use within Australia only by technical specialists that have expertise in the function of products such as those appraised in the Report (the Recipients).

By accepting this Report, the Recipient acknowledges and represents to the Publisher(s) and each person involved in the preparation of the Report that the Recipient has understood and accepted the terms of this Disclaimer.

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This Report does not contain all information that a person might require for the purposes of assessing any product discussed or appraised within it (Product). The product appraisal criteria used in preparing this Report 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 Report, 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.

14.3 No Updating

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

14.4 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 Report, or the accuracy, completeness or reasonableness of any recommendation in this Report.

APPENDIX A – PRODUCT LITERATURE



Özkan Dynamic Air Release Valve

Designed to handle high flow rates with combination large and small orifice functions, non slam closure and excellent corrosion resistance.



TECHNICAL GUIDE: A VH3.1

Applications

Irrigation pipelines

Potable water pipelines

Vacuum control

Product Attributes

Dynamic air release

Large and small orifice

Non slam closure

High capacity

Approvals/Standards

AS4956

Flanges to AS/NZS 4087

Quality

ISO 9001 and ISO 14001

OHSAS 18001

SMK41489

Dynamic Air Release Valve are designed to handle high flow rates with combination large and small orifice functions, non slam closure and excellent corrosion resistance.

Product Attributes

- Dynamic combination air release valve
- Large orifice for emptying and filling pipes
- Small orifice for air release under pressure
- Non slam closure through two stage closure and design
- High capacity inlet sectional area and outlet are equal area
- Single chamber design
- Available for pressure ratings PN16 and PN25

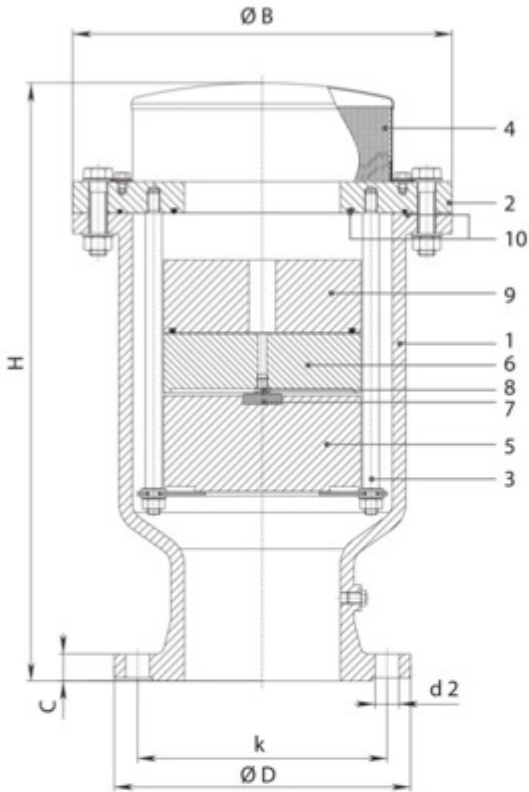


FIG. 1

TABLE 1

Part No	Description	Material	Grade
1	Body	Ductile Iron	400-15
2	Cover	Carbon steel	ST 37
3	Float Guide	Stainless steel	316
4	Top Cover	Stainless steel	316
5	Control float	HDPE	-
6	Small orifice float	HDPE	-
7	Small orifice seal	Rubber	EPDM
8	Small orifice	Stainless steel	316
9	Surge Control Float	HDPE	-
10	O-ring	Rubber	EPDM

TABLE 2 PN-16

DN	Ø D	k	C	Bolts		Ø B	H
				Quantity	d 2		
50	165	114	19	4	18	200	355
65	185	127	19	4	18	225	404
80	200	146	19	4	18	240	420
100	220	178	19	4	18	255	420
125	255	210	19	8	18	255	410
150	285	235	19	8	18	365	580
200	340	292	20	8	18	410	680
250	405	356	22	8	22	540	820
300	460	406	24,5	12	22	650	927

TABLE 3 PN-25

DN	Ø D	k	C	Bolts		Ø B	H
				Quantity	d 2		
50	165	127	19	4	18	200	355
65	185	146	19	8	18	225	404
80	200	165	19	8	18	240	420
100	235	191	19	8	18	255	420
150	300	260	20	12	22	365	580
200	360	324	22	12	22	410	630
250	425	381	24,5	12	26	540	820
300	485	438	27,5	16	26	650	927

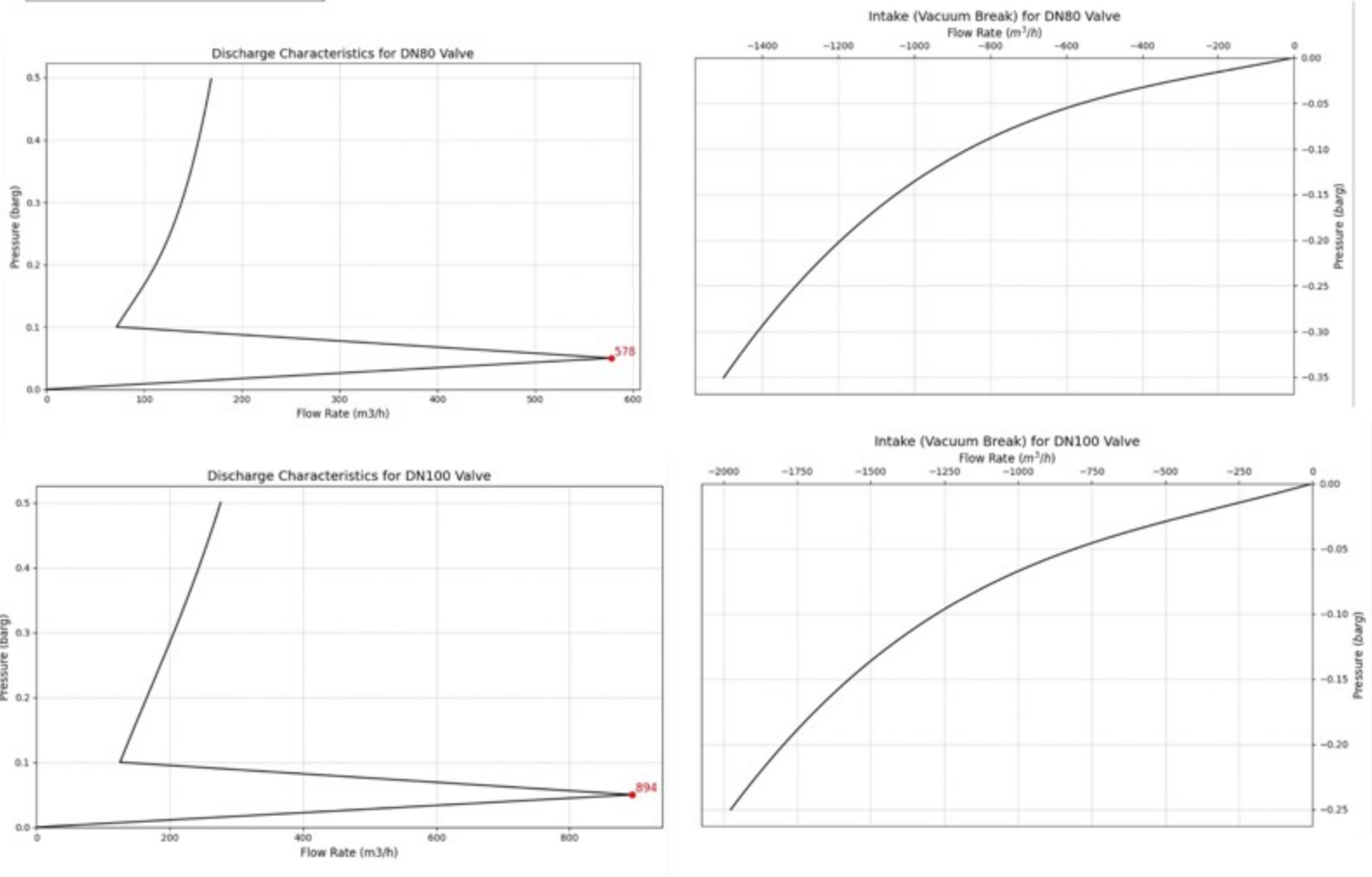
TABLE 4 Recommended Air Release Valve Sizes According To The Pipeline Diameter*

PIPE DIA. MM	80-250	300-400	450-600	700-900	1000-1200	11400-1600	1000-2000
ARV SIZE DN	50	80	100	150	200	250	300

Note: Guide only. Consult engineering design. Flow curves available on request.

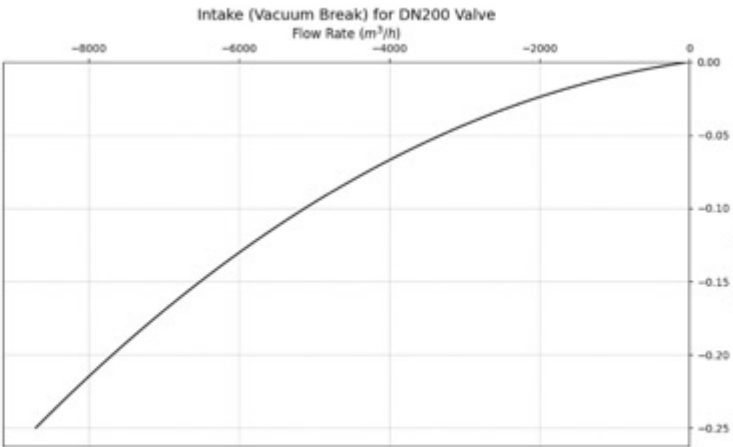
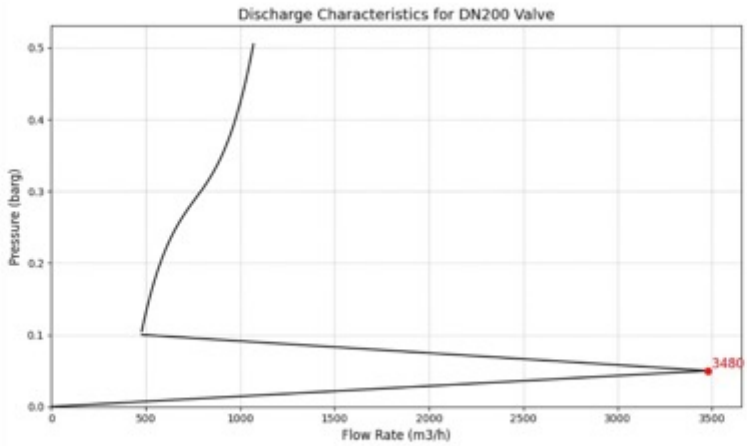
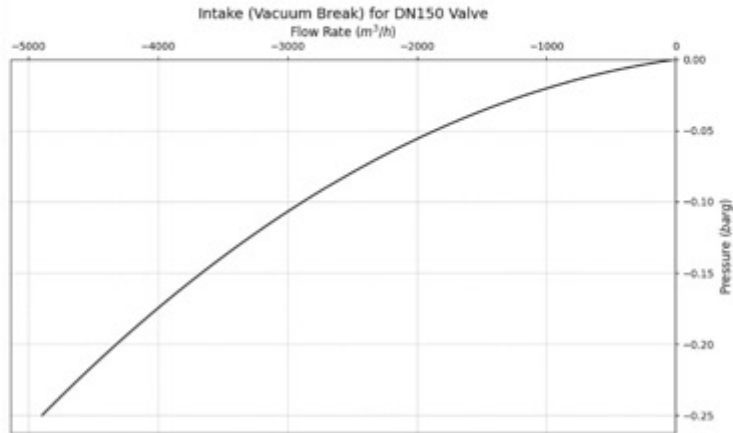
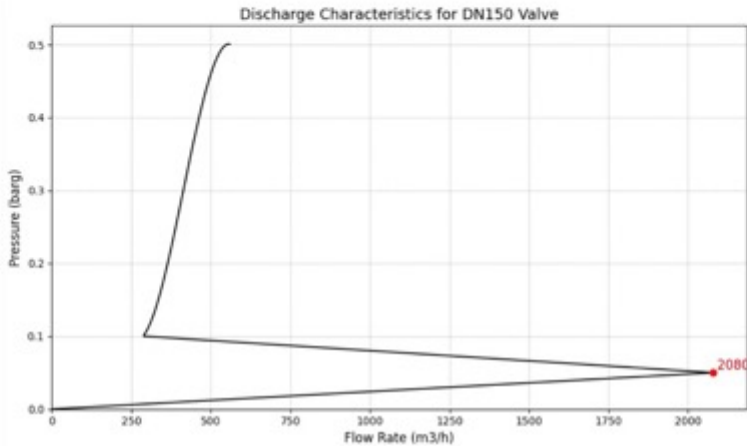


AIR RELEASE VALVES FLOW CHARACTERISTICS





AIR RELEASE VALVES FLOW CHARACTERISTICS



APPENDIX B - QUALITY CERTIFICATIONS

Copies of the following quality certificates are available from WSAA.

TABLE B1 OZ-KAN MAKINA SANAYI VE TIC AS – MANAGEMENT SYSTEMS

10032 Sk No 27 Atataurk Organise Sanayi Bolgesi Izmir Turkey	
Quality Systems Standard	ISO 9001:2015
Certification Licence No.	12 100 68102 TMS
Certifying Agency	TUV SUD
First Date of Certification	-
Current Date of Certification	10 January 2025
Expiry Date of Certification	25 December 2027

TABLE B2 HYNDS LIMITED – MANAGEMENT SYSTEMS

42 Blue Eagle Drive Meadowbrook Qld 10 McPherson Rd, Smeaton Grange NSW	
Quality Systems Standard	ISO 9001:2015
Certification Licence No.	2641
Certifying Agency	Telarc
First Date of Certification	18 March 1994
Current Date of Certification	10 October 2022
Expiry Date of Certification	14 October 2025

TABLE B3 OZ-KAN MAKINA SANAYI VE TIC AS – PRODUCT CERTIFICATION

10032 Sk No 27 Atataurk Organise Sanayi Bolgesi Izmir Turkey	
Product Standard/Spec.	AS 4956:2017
Certificate No.	SMK41489
Issuing Certification Body	Intertek SAI Gloobal
First Date of Certification	18 November 2024
Current Date of Certification	18 November 2024
Expiry Date of Certification	17 November 2029

CERTIFICAT

CERTIFICADO

CERTИФИКАТ

認證證書

CERTIFICATE

ZERTIFIKAT



Management Service

CERTIFICATE

Certificate Registration No.: **12 100 68102 TMS** / Order No.: **712925493**

The Certification Body
of TÜV SÜD Management Service GmbH
certifies that the organization



ÖZ-KAN MAKİNA ELEMANLARI SAN. VE TİC. A.Ş.
10032 Sk. No: 27 Atatürk Organize Sanayi Bölgesi 35620 Çiğli
35620 İZMİR
Turkey

for the scope

**Design, Manufacture, Sales and After sales services of
Valves, Butterfly valves, Check Valves, Air Release, Dismantling Joint,
Flanges, Strainers, Gate Valves, Control Valves, Pipe Joints**

has established and applies a Quality Management System.

An audit was performed and has furnished proof
that the requirements according to

DIN EN ISO 9001:2015

are fulfilled.

The certificate is valid from **2025-01-10** until **2027-12-25**.

Previous certificate valid until 2024-12-25.

Fred Wenke
Head of Certification Body
Munich, 2025-01-10





Telarc.
The Mark of Success

This is to certify that

Hynds Ltd

25 Arwen Place East Tamaki Auckland

having been assessed by Telarc Limited and having been found to operate a quality management system conforming to

ISO 9001:2015

is hereby designated

Telarc Registered

for the following goods and services

No. 2641

The design, manufacture, and distribution of: spun concrete and plastic pipes, precast concrete products, steelware, pumps, and fittings, and the importation and distribution of associated products, for the management of water and water based waste.

Certificate Issued: 10 October 2022

Current Registration: 10 October 2022

Acting Chairperson

Vikki Brannagan

Original Registration: 18 March 1994

Expiry Date: 14 October 2025

Chief Executive

Philip Cryer



Quality
ISO 9001



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SCHEDULE TO CERTIFICATE OF REGISTRATION

Hynds Ltd - Kaiwharawhara Branch	119 - 125 Old Hutt Road	Lower Hutt Central	Lower Hutt	NZ
Hynds Ltd - Petone Branch	33 Bouverie Street	Petone	Lower Hutt	NZ
Hynds Ltd - Head Office	25 Arwen Place	East Tamaki	Auckland	NZ
Hynds Ltd - Masterton Branch	8 Solway Crescent	Solway	Masterton	NZ
Hynds Ltd - Tauranga Branch	84 - 86 Newton Street		Mt Maunganui	NZ
Hynds Ltd - Nelson Branch	17 Elms Street	Stoke	Nelson	NZ
Hynds Ltd - New Plymouth Branch	5a Struthers Place	Waiwhakaiti	New Plymouth	NZ
Hynds Ltd - Oamaru Branch	15 Tees Street	South Hill	Oamaru	NZ
Hynds Ltd - Gillies Oamaru	28 Tyne Street	South Hill	Oamaru	NZ
Hynds Ltd - Palmerston North Factory	847 Tremaine Ave	Roslyn	Palmerston North	NZ
Hynds Ltd - Palmerston North Branch	847 Tremaine Ave	Roslyn	Palmerston North	NZ
Hynds Ltd - Kapiti Branch	7 Birmingham Street		Paraparaumu	NZ
Hynds Ltd - Pokeno	9 MacDonald Road		Pokeno	NZ
Hynds Ltd - Pukekohe Branch	26 Nelson Street		Pukekohe	NZ
Hynds Ltd - Hygrade Australia - Brisbane	42-44 Blue Eagle Drive	Meadowbrook	Queensland	AU
Hynds Ltd - Waters & Farr Rangiora	16 Edward Street		Rangiora	NZ
Hynds Ltd - Rotorua Branch	39-41 Depot Street	Mangakakahi	Rotorua	NZ
Hynds Ltd - Rotorua Factory	39 - 41 Depot Street	Mangakakahi	Rotorua	NZ
Hynds Ltd - Hygrade Australia Sydney	10 McPherson Road	Smeaton Grange	Sydney	AU
Hynds Ltd - Takanini	28 Spartan Road		Takanini	NZ
Hynds Ltd - Taupo Branch	105 Tauhara Street		Taupo	NZ
Hynds Ltd - Te Kuiti	Waitete Road		Te Kuiti	NZ
Hynds Ltd - Timaru	97-101 Hilton Highway	Washdyke	Timaru	NZ
Hynds Ltd - Waters & Farr Wanganui	17 - 19 Hinau Street	Castlecliff	Wanganui	NZ
Hynds Ltd - Warkworth	59 Morrison Drive		Warkworth	NZ

Registered by Telarc Limited 626 Great South Road, Ellerslie, Auckland 1051, Private Bag 28901, Remuera, Auckland 1541, Telephone: 64 9 525 0100 Facsimile: 64 9 525 1900 and subject to the Telarc Limited Terms and Conditions for Certification. While all due care and skill was exercised in carrying out this assessment, Telarc Limited accepts responsibility only for proven negligence. To verify that this certificate is current please refer to the JAS-ANZ register at www.jas-anz.org/register This certificate and its associated schedules remain the property of Telarc Limited and must be returned if registration is withdrawn.

STANDARDSMARK LICENCE



Intertek SAI Global hereby grants: **Öz-Kan Makine Sanayi ve Tic. A.S.**

10032 Sk. No:27, Atatürk Organise Sanayi Bolgesi, İzmir, Turkey

StandardsMark Licence

Manufactured to:
AS 4956-2017 - Air valves for water supply

"the StandardsMark Licensee "the right to use the STANDARDSMARK as shown below only in respect of the goods described and detailed in the Schedule which are produced by the Licensee or on behalf of the Licensee* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the STANDARDSMARK and the Terms and Conditions for certification and licence. The Licensee covenants to comply with all the Rules and Terms and Conditions.

Certificate No:
SMK41489

Originally Certified:
18 November 2024

Current Certification:
18 November 2024

Issued:
19 November 2024

Expires:
17 November 2029



Calin Moldovean
President, Business Assurance

SAI Global Certification Services Pty. Ltd.
Level 7 Suite 7.01 45 Clarence Street
Sydney NSW 2000 Australia

* For details of manufacture, refer to the licensee

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SCHEDULE TO STANDARDSMARK LICENCE



Intertek SAI Global hereby grants:

Öz-Kan Makine Sanayi ve Tic. A.S.

10032 Sk. No:27, Atatürk Organise Sanayi Bolgesi, İzmir, Turkey

Manufactured to:

AS 4956-2017 - Air valves for water supply

Model identification of the goods on which the STANDARDSMARK may be used:

Model Name	Brand Name	Product Description	Product Type	Nominal Size (DN)	Pressure Classification (PN)	End Connection Designation	Material Designation	Date Endorsed
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN150	16	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN150	10	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN150	40	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN150	25	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN125	16	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN125	10	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN125	40	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN125	25	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN250	16	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN250	10	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN250	40	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN250	25	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN200	16	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN200	10	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release	Air	DN200	40	Flanged	EN GJS 400-	15 Nov

Certificate No: SMK41489

Issued Date: 19 November 2024

This schedule supersedes all previously issued schedules

* For details of manufacture, refer to the licensee

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SCHEDULE TO STANDARDSMARK LICENCE



Model Name	Brand Name	Product Description	Product Type	Nominal Size (DN)	Pressure Classification (PN)	End Connection Designation	Material Designation	Date Endorsed
	KAN	Vales	Valves				15	2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN200	25	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN65	16	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN65	10	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN65	40	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN65	25	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN50	16	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN50	10	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN50	40	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN50	25	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN100	16	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN100	10	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN100	40	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN100	25	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN80	16	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN80	10	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN80	40	Flanged	EN GJS 400-15	15 Nov 2024
9842	ÖZ-KAN	Air Release Vales	Air Valves	DN80	25	Flanged	EN GJS 400-15	15 Nov 2024

End of Record

Certificate No: SMK41489

Issued Date: 19 November 2024

This schedule supersedes all previously issued schedules

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APPENDIX C - SUPPLIER CONTACTS

Oz-Kan Makina Sanayi ve Tic AS

10032 Sk No 27 Atataurk Organise Sanayi

Bolgesi Izmir Turkey

Phone: +90 232 328 0600

Email: info@oz-kan.com.tr

Web: <https://www.oz-kan.com.tr/en/>

Hygrade Water Australia

42-44 Blue Eagle Drive

Meadowbrook Qld 4131

Email: sales@hygradewater.com.au

Web: <https://www.hygradewater.com.au/>

**Melbourne Office**

Wurundjeri Country
Level 8, Suite 8.02
401 Docklands Drive
Docklands VIC 3008

Sydney Office

Gadigal Country
Level 6 75 Elizabeth Street
Sydney NSW 2000
GPO Box 915
Sydney NSW 2001

P +61 (0) 3 8605 7600
email: info@wsaa.asn.au

www.wsaa.asn.au