



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	Page 1 of 2
afp - 1450	26-Jul-2001	Number 6	Issue date 23-Dec-2011	

Product designation

AVK, Series 57/46, Cast Iron, Resilient Seated, Outside Screw & Yoke Gate Valves
(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

AVK Australia Pty Ltd
559a Grand Junction Road, WINGFIELD, SA, AUSTRALIA, 5013

Registrant

AVK Australia Pty Ltd
559a Grand Junction Road, WINGFIELD, SA, AUSTRALIA, 5013

Producer

AVK Australia Pty Ltd
559a Grand Junction Road, WINGFIELD, SA, AUSTRALIA, 5013

Conformance criteria and evaluation

The AVK, Series 57/46, Cast Iron, Resilient Seated, Outside Screw & Yoke Gate Valves have been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 2638.2-1999, 'Sluice valves for waterworks purposes - Resilient seated'.

Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

Specified limitations/conditions, determined from the evaluation for conformity, include the following.

- i. Designed for water, sewage and neutral liquids to a maximum of 70°C.

This certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices and consumer protection legislation and regulations.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

Issued by

David Whittaker
Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 1450	26-Jul-2001	Number 6	Issue date 23-Dec-2011	31-Dec-2012
Page 2 of 2				

Producer's description

The AVK, Series 57/46, Cast Iron, Resilient Seated, Outside Screw & Yoke Gate Valves are designed with a wedge fully vulcanised with rubber, internally and externally. With this design no unprotected iron parts are exposed to the medium and the rubber vulcanisation prevents creeping corrosion under the rubber.

Technical specification

The following details are a representative extract of the technical specification for the AVK, Series 57/46, Cast Iron, Resilient Seated, Outside Screw & Yoke Gate Valves and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Materials

Gland flange, body & bonnet:	Ductile iron, 500-7, to AS 1831
Yoke and gland follower:	Ductile iron, 500-7, to AS 1831
Handwheel:	Grey cast iron, GG-25, to AS 1830
Coating:	Fusion bonded epoxy resin Internally and externally to AS 4158
Stem:	ASTM Grade 316 Stainless Steel
Stem sealing:	SBR and NBR O-rings
Nut, wedge nut, stem nut, washer:	Dezincification resistant brass, CZ 132 to AS 2345
Gland bushing, gland:	Akulon polyamide 6.6
Wedge:	Ductile iron, Grade 500-7, core fully encapsulated with EPDM rubber with integral wedge nut of dezincification resistant brass, CZ 132 to AS 2345
Pin:	Stainless steel 304
Gland bolts:	Stainless steel 316
Bonnet bolts:	Stainless steel 304, sealed with hot melt
Bonnet gasket:	EDPM rubber

Tests

Hydraulic test:	AS 2638.2.
Seat:	0.5 bar 16 bar
Body:	24 bar

Model	Size	End connection	Weight
57-080-46	DN80mm	Flanged x Flanged	25 kg
57-100-46	DN100mm	Flanged x Flanged	39 kg
57-150-46	DN150mm	Flanged x Flanged	63 kg
57-200-46	DN200mm	Flanged x Flanged	97 kg
57-250-46	DN250mm	Flanged x Flanged	157 kg
57-300-46	DN300mm	Flanged x Flanged	238 kg