



Dobbie Dico Meter Co (WA) Pty Ltd

PRODUCT APPRAISAL REPORT 1410 Issue 2

Dobbie Spring Hydrant Valves

AS/NZS 3952:2002 Spring hydrant valve for waterworks purposes

Issue 1 Published: 25 August 2014

Issue 2 Published: 8 July 2020

Document History

The following information indicates the changes made to this document.

Date	Version
28 July 2014	Peer Review
25 August 2014	Issue 1 Publication
6 July 2020	Issue 2 Client Review
8 July 2020	Issue 2 Publication

Peer Reviewers

Name/Title	Organisation	Date
Product Appraisal Technical Advisory Group	WSAA	15 August 2014
WSAA Expert Panel	WSAA	4 August 2014
Peter Pittard, WSAA Consultant	WSAA	23 July 2014
Carl Radford, Product Appraisal Manager	WSAA	25 August 2014
Peter Pittard, WSAA Consultant	WSAA	23 June 2020
Carl Radford, Product Appraisal Manager	WSAA	8 July 2020

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.

Copyright

This document is copyrighted. Apart from any use as permitted under the Copyright Act 1968, no part of this document may be reproduced or transmitted in any form or by any means, electronically or mechanical, for any purpose, without the express written permission of Water Services Association of Australia Limited.

© Copyright 2020 by WATER SERVICES ASSOCIATION of Australia Limited **All rights reserved.**

CONTENTS

1 EXECUTIVE SUMMARY	5
1.1 Recommendations	5
2 THE APPLICANT	5
2.1 The Supplier	5
2.2 The Manufacturer	5
3 THE PRODUCT	6
4 SCOPE OF THE APPRAISAL	6
5 APPRAISAL CRITERIA	6
5.1 Quality Assurance Requirements	6
5.2 Performance Requirements	7
6 COMPLIANCE WITH APPRAISAL CRITERIA	7
6.1 Compliance with Quality Assurance Requirements	7
6.2 Compliance with Performance Requirements	7
6.2.1 Type Testing	7
6.2.2 Suitability for contact with drinking water	7
6.2.3 Components Material List	7
6.2.4 Flanges	8
6.2.5 Coating and lining	8
7 FITTING INSTRUCTIONS, TRAINING AND INSTALLATION	8
8 PRODUCT MARKING	8
9 PACKAGING AND TRANSPORTATION	9
10 PRODUCT WARRANTY	9
11 WATER AGENCY EXPERIENCE WITH THE PRODUCT OR FIELD-TESTING REPORT	9
12 FUTURE WORKS	9
13 DISCLAIMER	9
13.1 Issue of Report	10
13.2 Limits on Reliance on Information and Recommendations	10
13.2.1 Disclaimer of liability	10
13.2.2 Intellectual Property and other rights	10
13.2.3 Need for independent assessment	10
13.3 No Updating	11
13.4 No Warranty	11
APPENDIX A – PRODUCT LITERATURE	12
APPENDIX B - QUALITY CERTIFICATIONS	13
APPENDIX C – SUPPLIER CONTACTS	21

1 EXECUTIVE SUMMARY

The Dobbie Dico Meter Company (W.A.) Pty Limited (Dobbie) is a manufacturer and supplier of fittings and valves for pressure pipelines. Its manufacturing facility is located in Malaga, Western Australia and incorporates a ferrous and non-ferrous foundry with design and machining capability. The Company has been in operation since 1940.

United Enterprises in Tamil Nadu India assembles and tests the spring hydrant valves exclusively for Dobbie.

This Appraisal applies to Dobbie DN 80 and DN 100 spring hydrant valves manufactured in compliance with AS 3952:2002 *Water supply - Spring hydrant valve for waterworks purposes*.

This Issue 2 is to replace the previous Appraisal that had reached its expiry date.

The spring hydrant valves are intended for use with drinking and recycled water supply and are operated by means of attachment of a standpipe.

The spring hydrant valve design allows the spring supports, which house the helical compression spring and dome, to be removed, allowing for direct full-bore access to the pipeline for insertion/removal of swabs.

The spring hydrant valves are flanged to AS 4087 Fig B5, DN 80 or DN 100.

Dobbie and United Enterprises both hold ISO 9001 quality management system licences.

The spring hydrants are covered by ISO Type 5 StandardsMark product certification to AS 3952:2002 *Water supply - Spring hydrant valve for waterworks purposes*.

Dobbie spring hydrants described within this appraisal meet the requirements of WSA PS - 267 *Hydrants (Spring) for Pressure Applications - Water Supply* and are therefore deemed as 'fit for purpose'.

1.1 Recommendations

It is recommended that WSAA members and associates accept/authorise Dobbie DN80 and DN100 spring hydrant valves, listed in the Schedule to the StandardsMark Licence Certificate No SMKP 21749 referenced in Appendix 'B', for use in water supply pressure pipelines designed and installed in accordance with applicable WSAA Codes, WSAA member integrated Codes and the manufacturer's requirements, where specified.

2 THE APPLICANT

The applicant is The Dobbie Dico Meter Co (WA) Pty Ltd.

2.1 The Supplier

The Dobbie Dico Meter Co (WA) Pty Ltd was established in 1940 as a manufacturer of water meters and fire valves. The company has extended its scope to include gate valves, hydrants, reflux valves, air relief valves, swing check valves, a comprehensive range of fire protection equipment and ferrous and non-ferrous castings.

Dobbie is a manufacturer and supplier of water reticulation infrastructure components for the Australian Water Industry and operates an in-house ferrous and non-ferrous foundry, machine shop and testing facility in Malaga Western Australia.

2.2 The Manufacturer

United Enterprises located in Coimbatore, Tamil Nadu, is part of the KGK Group of Companies and specialises in the supply of forged and machined components for products including pumps and valves and components for the automotive, electrical and general

engineering industries. The company was established in 1981 and services both domestic and export markets.

United Enterprises manufactures the brass dome for the spring hydrants.

Ductile iron castings are sourced from Amma Alloys. MIL Trading applies the polymeric coating and manufactures the EPDM seal.

The components are inspected for compliance to Dobbie drawings and specifications prior to assembly and testing of the final product.

3 THE PRODUCT

This Appraisal applies to Dobbie DN 80 and DN 100 spring hydrant valves manufactured in compliance with AS 3952:2002 *Water supply - Spring hydrant valve for waterworks purposes*.

The spring hydrant valves are intended for use with drinking and recycled water supply and are operated by means of attachment of a standpipe.

The spring hydrant valve design allows the spring supports, which house the helical compression spring and dome, to be removed, allowing for direct full-bore access to the pipeline for insertion/removal of swabs.

The PN16 spring hydrant valves are flanged to AS 4087 Fig B5, DN 80 or DN 100

The resilient seat is 6mm thick, which complies with WSA PS-267 minimum requirements.

All internal and external surfaces of the Dobbie spring hydrant valve body and yoke are coated with fusion bonded epoxy polymeric coating.

For recycled water applications Dobbie can provide spring hydrant valves coated with lilac coloured yokes.

4 SCOPE OF THE APPRAISAL

The scope of this appraisal is for DN 80 and DN 100 spring hydrant valves. See Table 1.

TABLE 1 DN80 AND DN100 DOBBIE SPRING HYDRANT RANGE

Flange Outlet	Internal Components	Model No.
80	Removable	2HS080
100		2HS100

5 APPRAISAL CRITERIA

5.1 Quality Assurance Requirements

The WSAA Product Appraisal Technical Advisory Group accepts Spring Hydrants manufactured in compliance with AS 3952:2002 *Water supply-spring hydrant valves for waterworks purposes* 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

Dobbie spring hydrant valves have been appraised for compliance with AS 3952:2002 *Water supply-spring hydrant valves for waterworks purposes*.

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 - 267 *Hydrants (Spring) for Pressure Applications - Water Supply*

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

<https://www.wsaa.asn.au/shop/product/35716>.

6 COMPLIANCE WITH APPRAISAL CRITERIA

6.1 Compliance with Quality Assurance Requirements

Dobbie has submitted the following quality certificates:

- ISO 9001:2015 Certificate of Registration No. 005-99059-Q issued to The Dobbie Dico Meter Co (WA) Pty Ltd by QMS Certification Services.
- ISO 9001:2015 Certificate of Registration No.99 100 01703 issued to United Enterprises by TUV SUD
- AS 3952:2002 ISO Type 5 StandardsMark Product Certification Licence No. SMKP21749 issued to The Dobbie Dico Meter Co (WA) Pty Ltd by SAI-Global.
- AS/NZS 4158:2003 ISO Type 5 StandardsMark Product Certification Licence No. SMKP21750 issued to MIL Industries Private Ltd by SAI-Global.

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

Copies of Quality Assurance certificates have also been supplied for the major component suppliers and are available from WSAA.

6.2 Compliance with Performance Requirements

6.2.1 Type Testing

Dobbie has provided Type Test results from Plumbing Testing Laboratory, a NATA accredited laboratory, to demonstrate compliance with AS 3952-2002. Copies of test reports are available upon request from the WSAA.

6.2.2 Suitability for contact with drinking water

Dobbie has submitted a test report from Australian Water Quality Centre (NATA Accreditation No. 1115) dated 6th March 2020 to demonstrate compliance of a DN 80 spring hydrant with AS/NZS 4020:2018.

6.2.3 Components Material List

The basic minimum material requirements for each hydrant component are detailed in AS 3952. Material test certificates have been submitted by Dobbie to demonstrate compliance for each of the spring hydrant components. See Table 4 below.

The body thickness of the resilient seat is 6mm as required by WSA PS - 267. Refer to Appendix A for details.

TABLE 4 DOBBIE SPRING HYDRANT COMPONENTS MATERIALS

Component	Material	Standard	Grade	Dobbie
Body and Yoke	Ductile iron	AS 1831	400-12	400-12
Dome	Copper Alloy	AS 1568	C48600	C48600
Helical Compression Spring	Stainless Steel	ASTM A276	304	304
Resilient Seat	Synthetic Rubber	AS 1646	EPDM 67-73	EPDM 67-73
Fasteners	Stainless Steel	ASTM A276	316	316
Dome Guide (removable)	Stainless Steel	Not specified		ASTM A743 CF8 (Grade 304)

6.2.4 Flanges

Flange dimensions conform to AS/NZS 4087-2011 Figure B5 (PN16) DN80 or DN100.

Dobbie offers flange gasket materials separately.

6.2.5 Coating and lining

AS 3952 requires all internal and external surfaces of the body and yoke to be coated with a polymeric coating in accordance with AS/NZS 4158 *Thermal-bonded polymeric coatings on valves and fittings for water industry purposes*.

The coatings for the Dobbie spring hydrants are applied by MIL Industries utilising Jotun Jotaguard VA5001 Fusion Bonded Epoxy.

MIL Industries has a StandardsMark licence to cover the application of polymeric coatings and Jotun has a StandardsMark licence to cover the FBE material.

Dobbie recommends Jotacote 605 as a coating repair material. Jotacote 605 is a high build two pack epoxy coating, suitable for repair of minor damage to polymeric coated surfaces.

7 FITTING INSTRUCTIONS, TRAINING AND INSTALLATION

Spring hydrant valves are standard water industry products.

8 PRODUCT MARKING

The Dobbie spring hydrant valves have the following markings conforming to AS 3952-2002:

Manufacturer's name or mark – DOBBIE

Nominal flange size – 80, 100

Year of manufacture – XXXX

Class of valve – PN16

The number of the Standard - AS3952

StandardsMark – √√√√√

9 PACKAGING AND TRANSPORTATION

Each spring hydrant is individually packed into a cardboard box and labelled with the description of the hydrant e.g. 80mm Spring Hydrant Valve.



FIGURE 1 PACKING FOR TRANSPORTATION

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 Dobbie's warranty is included in their terms and conditions of sale.

11 WATER AGENCY EXPERIENCE WITH THE PRODUCT OR FIELD-TESTING REPORT

Dobbie spring hydrant valves are considered standard products and installation trials were not required as part of this report.

12 FUTURE WORKS

There are no outstanding future works items.

13 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, Phone: 03 8605 7601 email carl.radford@wsaa.asn.au.

13.1 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.

13.2 Limits on Reliance on Information and Recommendations

13.2.1 Disclaimer of liability

Neither the Publisher(s) nor any person involved in the preparation of the Report 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 Report or the product appraisal criteria underlying it. This includes (without limitation) any liability for any recommendation or information in the Report or any errors or omissions.

13.2.2 Intellectual Property and other rights

The Water Services Association of Australia Limited does not undertake any assessment of whether the importation, manufacture, sale or use of the Product the subject of this Report infringes the intellectual property rights or proprietary rights of any person. Recipients of the report 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.

From time to time the Water Services Association of Australia Limited and the other Publishers may receive notice of allegations that the importation, manufacture, sale or use of the Product infringes intellectual property rights or other proprietary rights. The Water Services Association of Australia Limited's policy is to not refer to such allegations in its reports or take any other steps to put Recipients on notice of such allegations, unless and until it is aware that the allegations have been admitted or proved in Court. As such, Recipients acknowledge, agree and accept that the Water Services Association of Australia Limited may have information in its possession about intellectual property rights infringement allegations or other infringement allegations in relation to the Product which are not referred to or disclosed in this Report and which are not otherwise communicated to Recipients.

13.2.3 Need for independent assessment

The information and any recommendation contained (expressly or by implication) in this Report are provided in good faith (and subject to the limitations noted in this Report). 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 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.

13.3 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.

13.4 No Warranty

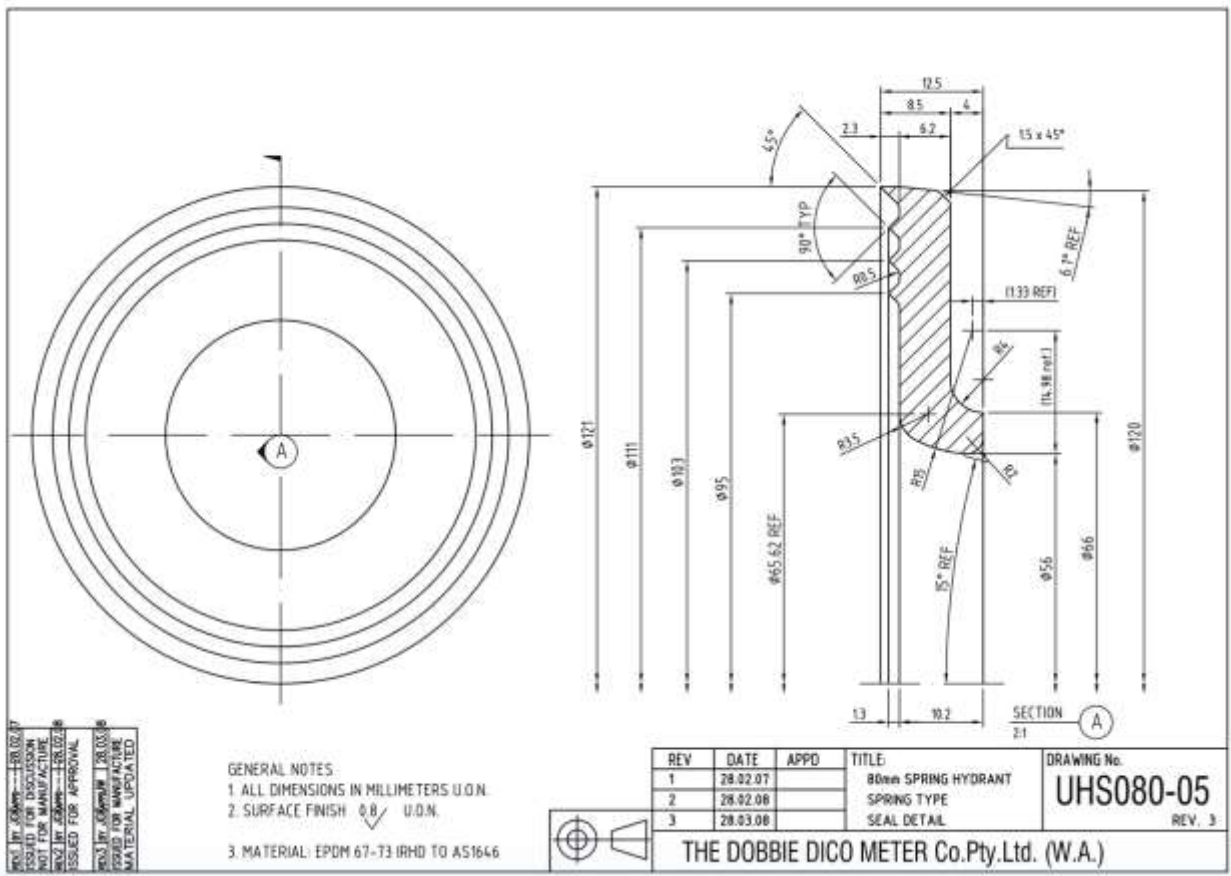
The Publisher(s) do[es] not, in any way, warrant that steps have been taken to verify or audit the accuracy or completeness of the information in this Report, or the accuracy, completeness or reasonableness of any recommendation in this Report.

APPENDIX A – PRODUCT LITERATURE



PART	MATERIAL	GRADE
Body	Ductile Iron AS1831	400-12
Plug	Copper Alloy AS1568	C48600
Guide	5/Steel ASTM 743	CF8
Seal	EPDM AS1646	
Clutch	Ductile Iron AS1831	400-12
Spring	5/Steel ASTM 276	304
Bolt	5/Steel ASTM 276	316
Washer	5/Steel ASTM 276	316
Nut	5/Steel ASTM 276	316
O-Ring	Nitrile AS1646	

DOBBIE SPRING HYDRANT



APPENDIX B - QUALITY CERTIFICATIONS

Copies of the following Quality Certification Certificates are available for downloading from the WSAA members only website.

**TABLE B1
THE DOBBIE DICO METER CO (WA) PTY LTD – MANAGEMENT SYSTEM**

430 Victoria Road Malaga WA	
Quality Systems Standard	ISO 9001:2015
Certification Licence No.	005-99059-Q
Certifying Agency	QMS Certification Services
First Date of Certification	29 November 1993
Current Date of Certification	6 February 2019
Expiry Date of Certification	6 February 2022

**TABLE B2
UNITED ENTERPRISES – MANAGEMENT SYSTEM**

Unit 1 86 Sidco Industrial Estate Coimbatore Tamil Nadu India	
Quality Systems Standard	ISO 9001:2015
Certification Licence No.	99 100 01703
Certifying Agency	TUV SUD
First Date of Certification	20 September 2006
Current Date of Certification	6 June 2018
Expiry Date of Certification	5 June 2021

**TABLE B3
THE DOBBIE DICO METER CO (WA) – PRODUCT CERTIFICATION**

430 Victoria Road Malaga WA	
Product Standard/Spec.	AS 3952:2002
Certificate No.	SMKP21749
Issuing Certification Body	SAI-Global
First Date of Certification	5 May 2011
Current Date of Certification	1 March 2018
Expiry Date of Certification	4 May 2021

TABLE B4
MIL INDUSTRIES PRIVATE LTD- PRODUCT CERTIFICATION

25A Industrial Estate Ambattur Chennai India	
Product Standard/Spec.	AS/NZS 4158:2003
Certificate No.	SMKP21750
Issuing Certification Body	SAI-Global
First Date of Certification	23 July 2009
Current Date of Certification	28 February 2020
Expiry Date of Certification	22 July 2024



CERTIFICATE OF APPROVAL

No. 005-99059-Q

This is to certify that the Quality Management System at

The Dobbie Dico Meter Co (WA) Pty Ltd

of

430 Victoria Road, Malaga WA 6090

Has been examined by assessors of QMS Certification Services
and found to be conforming to the requirements of:

ISO 9001:2015
Quality Management Systems

In respect of the following activities:

Design, manufacture, procurement and sale of cast products
in ferrous and non-ferrous materials and associated ancillary
merchandise.

This certificate is valid from: 06/02/2019 to 06/02/2022
Original certification date: 29/11/1993

Gerry Bonner, CPEng, BEng, FIE Aust. Chairman – QMSCS Pty Ltd
To verify the validity of this certificate please visit www.jas-anz.org/register



TÜV SÜD
ZERTIFIKAT ♦ CERTIFICATE ♦ 認証証書 ♦ CERTIFICADO ♦ CERTIFICAT



CERTIFICATE

The Certification Body
 of TÜV SÜD South Asia Private Limited
 certifies that



United Enterprises
 Unit I 86, SIDCO Industrial Estate,
 Coimbatore – 641 021, Tamil Nadu, INDIA

including the sites and scope of application see enclosure

has implemented a Quality Management System
 in accordance with **ISO 9001:2015**
 For Scope of

**MANUFACTURE AND SUPPLY OF FERROUS / NON FERROUS
 MACHINED COMPONENTS. MANUFACTURE AND SUPPLY OF
 COMPONENTS FOR FIRE BRIGADE BOOSTER CONNECTIONS,
 VALVES, TAPPING BANDS.**

The certificate is valid From **2018-06-06** until **2021-06-05**
 Subject to successful completion of annual periodic audits
 The present status of this Certificate can be obtained on www.tuv-sud.in
 Further clarifications regarding the scope of this certificate may be obtained by consulting the certification body

Certificate Registration No. **99 100 01703**

Date of Initial certification : **2006-09-20**

Certification Body
 of TÜV SÜD South Asia Private Limited, **Mumbai**
 Member of TÜV SÜD Group

Page 1 of 2





STANDARDSMARK LICENCE

SAI Global hereby grants:

The Dobbie Dico Meter Co (WA) Pty Ltd

ABN 32 008 671 332

430 Victoria Road, Malaga, WA 6090, Australia

StandardsMark Licence

Manufactured to:

AS 3952-2002 - Water supply - DN 80 spring hydrant valve for general purposes

"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:SMKP21749

Issued: 1 March 2016

Originally Certified: 5 May 2011

Expires: 4 May 2021

Current Certification: 1 March 2016

Paul Simpson
Global Policy Risk and Certification Manager



* For details of manufacture, refer to the licensee

The STANDARDSMARK is a registered certification trademark of SAI Global Pty Limited (A.C.N. 050 644 642) and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 680 George Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to www.saiglobal.com, for the list of product models.



SCHEDULE TO STANDARDSMARK LICENCE

SAI Global hereby grants:

The Dobbie Dico Meter Co (WA) Pty Ltd

430 Victoria Road, Malaga, WA 6090, Australia

StandardsMark Licence

Manufactured to:

AS 3952-2002 - Water supply - DN 80 spring hydrant valve for general purposes

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

Model Identification	Model Name	Brand Name	Product Description	Date Endorsed
2HS080		DOBBIE	Spring hydrant	4 May 2011
2HS100		DOBBIE	Spring hydrant	4 May 2011

End of Record

Certificate No: SMKP21749

Issued Date: 1 March 2016

This schedule supersedes all previously issued schedules

*** For details of manufacture, refer to the licensee**

The STANDARDSMARK is a registered certification trademark of SAI Global Pty Limited (A.C.N. 050 644 642) and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 680 George Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to www.saiglobal.com, for the list of product models.





STANDARDSMARK LICENCE

SAI Global hereby grants:

MIL Industries & MIL Trading Private Ltd

25A Industrial Estate, Ambattur, Chennai, India

StandardsMark Licence

Manufactured to:

AS/NZS 4158:2003 - Thermal-bonded polymeric coatings on valves and fittings for water industry purposes

"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.

Licence No: SMK21750

Issued : 29 February 2020

Expires : 22 July 2024

Originally Certified : 23 July 2009

Current Certification : 28 February 2020

Heather Mahon
General Manager Technical Services
SAI Global Assurance



* For details of manufacture, refer to the licensee

The STANDARDSMARK is a registered certification trademark of SAI Global Pty Limited (A.C.N. 050 644 642) and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 680 George Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to www.saiglobal.com, for the list of product models.



SCHEDULE TO STANDARDSMARK LICENCE

SAI Global hereby grants:

MIL Industries & MIL Trading Private Ltd

25A Industrial Estate, Ambattur, Chennai, India

StandardsMark Licence

Manufactured to:

AS/NZS 4158:2003 - Thermal-bonded polymeric coatings on valves and fittings for water industry purposes

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

Model Identification	Model Name	Brand Name	Product Description	Product Type	Application	Colour	Date Endorsed
Mil Industries	Mil Industries	Thermal Bonding Polymeric Coatings On Valves And Fittings.	N/A	Requirements For Factory-Applied Coating Only.	Valves And Fittings For Water Industry Purposes	All	28 Feb 2020

End of Record

Licence No: SMKP21750

Issued Date: 29 February 2020

This schedule supersedes all previously issued schedules



* For details of manufacture, refer to the licensee

The STANDARDSMARK is a registered certification trademark of SAI Global Pty Limited (A.C.N. 050 644 642) and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 680 George Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to the Schedule for the list of product models.

APPENDIX C – SUPPLIER CONTACTS

Dobbie Dico Meter Co. (WA) Pty. Ltd.

430 Victoria Road

Malaga WA 6090

Phone: 08 9249 7000

Email: see: <https://dobbie.com.au/node/4>

Web site: www.dobbie.com.au



Melbourne Office

Level 8, Suite 8.02
401 Docklands Drive
Docklands VIC 3008

Sydney Office

Level 9 420 George Street
Sydney NSW 2000
GPO Box 915
Sydney NSW 2001

P +61 (0) 3 8605 7666
email: info@wsaa.asn.au

www.wsaa.asn.au