

**BUREAU VERITAS**  
Certification



**'S' Mark Licence**

Awarded to

**GILLIES METALTECH LTD**

**28 TYNE STREET, OAMARU 9400, NEW ZEALAND**

Bureau Veritas grants the above organization the right to use the Product Certification 'S' Mark as shown below only in respect of the products described and detailed in the Schedule to this Licence and manufactured in accordance with the requirements of the Standard indicated below under an approved Quality Management System. The Licence is granted subject to the 'Bureau Veritas Conditions of Service' and the 'Rules governing the use of Product Certification Licences'.

STANDARD

**AS/NZS 2280:2020**

**Ductile iron pipes and fittings**

**Licence No: 2570**

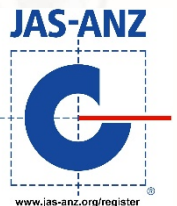
**Date Granted: 22 December 2006**

**Revalidated: 30 May 2022**

**Expiry Date: 22 December 2026**

Signed on behalf of Bureau Veritas

Sam Guindi  
Product Certification Manager



This Licence and its associated Schedule remain the property of Bureau Veritas and must be returned if certification is terminated. The constant compliance with the certification requirements is confirmed by regular surveillance measures from Bureau Veritas. In the case of serious non-compliance the certification will be withdrawn and deleted from the Register.

To check the validity of this certificate please contact: **Bureau Veritas Australia Pty Ltd**  
Issuing office: Bureau Veritas Pty Ltd, 3/435 Williamstown Road, Port Melbourne, Victoria, 3207



**BUREAU  
VERITAS**

# SCHEDULE TO PRODUCT CERTIFICATION LICENCE NO: 2570

## LICENCE DETAILS

**Scheme:** 'S' Mark Product Certification  
**Licensee:** GILLIES METALTECH LTD  
**Address:** 28 Tyne Street, Oamaru, New Zealand



---

## CONFORMANCE REQUIREMENTS

**Standard:** AS/NZS 2280:2020  
**Quality System:** Product Certification Quality System Requirements (QSR)

---

## CERTIFIED MODEL OR TYPE

Ductile iron pipe sizes DN 100 to DN 750 in accordance with classifications, sizes and configurations of Appendix H1 of AS/NZS 2280. Pipe manufactured by Xinxing Ductile Iron Pipes Co. Ltd. with verification and flange addition (where applicable) by Gillies Metaltech Ltd.

DN 100	PN 20	PN 35
DN 150	PN 20	PN 35
DN 200	PN 20	PN 35
DN225	PN 20	PN 35
DN 250	PN 20	PN 35
DN300	PN 20	PN 35
DN375	PN 20	PN 35
DN450	PN 20	PN 35
DN 450	PN 20	PN 35
DN 600	PN 20	PN 35
DN750	PN 20	PN 35

Note: The pipes listed above comply with relevant test standards referenced in AS/NZS 2280, including AS/NZS 4020 (Testing of products for use in contact with drinking water) unless specified otherwise.





**BUREAU  
VERITAS**

## **CERTIFIED MODEL OR TYPE**

Ductile iron fittings in accordance with classifications, sizes and configurations of Appendix H of AS/NZS 2280:2020 as shown on pages 4-15 for the Australian Market and page 16 for the New Zealand Market.

Ductile iron fittings sourced from Gillies Metaltech (NZ), Rockhan Technology Ltd (China), Hingiri Castings (India) or RB Agarwalla & Co (India) \*\*. All quality requirements of AS/NZS 2280:2020 verified by Gillies Metaltech Ltd.

*Note: Thermal bonded coatings comply with AS/NZS 4158 and AS/NZS 4020 and liquid applied coatings comply with AS/NZS 4020 where required.*



**BUREAU  
VERITAS**

**CERTIFIED MODEL OR TYPE - Australian Market**

<b>BENDS - SOC/SOC</b>	<b>CODE</b>	<b>DESCRIPTION</b>
100x11.25°	BAQ10011-C	DN100 x 11.25° USJ SOC BEND
100x11.25° *	BAQ10011C-C	DN100 x 11.25° USJ SOC BEND CJ
100x22.5°	BAQ10022-C	DN100 x 22.5° USJ SOC BEND
100x22.5° *	BAQ10022C-C	DN100 x 22.5° USJ SOC BEND CJ
100x45°	BAQ10045-C	DN100 x 45° USJ SOC BEND
100x45°	BAQ10045C-C	DN100 x 45° USJ SOC BEND CJ
100x90°	BAQ10090-C	DN100 x 90° USJ SOC BEND
100x90°	BAQ10090C-C	DN100 x 90° USJ SOC BEND CJ
150x11.25°	BAQ15011-C	DN150 x 11.25° USJ SOC BEND
150x11.25° *	BAQ15011C-C	DN150 x 11.25° USJ SOC BEND CJ
150x22.5°	BAQ15022-C	DN150 x 22.5° USJ SOC BEND
150x22.5° *	BAQ15022C-C	DN150 x 22.5° USJ SOC BEND CJ
150x45°	BAQ15045-C	DN150 x 45° USJ SOC BEND
150x45° *	BAQ15045C-C	DN150 x 45° USJ SOC BEND CJ
150x90°	BAQ15090-C	DN150 x 90° USJ SOC BEND
150x90° *	BAQ15090C-C	DN150 x 90° USJ SOC BEND CJ
200x11.25°	BAQ20011-C	DN200 x 11.25° USJ SOC BEND
200x22.5°	BAQ20022-C	DN200 x 22.5° USJ SOC BEND
200x45°	BAQ20045-C	DN200 x 45° USJ SOC BEND
200x90°	BAQ20090-C	DN200 x 90° USJ SOC BEND
225x11.25°	BAQ22511-C	DN225 x 11.25° USJ SOC BEND
225x22.5°	BAQ22522-C	DN225 x 22.5° USJ SOC BEND
225x45°	BAQ22545-C	DN225 x 45° USJ SOC BEND
225x90°	BAQ22590-C	DN225 x 90° USJ SOC BEND
250x11.25°	BAQ25011-C	DN250 x 11.25° USJ SOC BEND
250x22.5°	BAQ25022-C	DN250 x 22.5° USJ SOC BEND
250x45°	BAQ25045-C	DN250 x 45° USJ SOC BEND
250x90°	BAQ25090-C	DN250 x 90° USJ SOC BEND
300x11.25°	BAQ30011-C	DN300 x 11.25° USJ SOC BEND
300x22.5°	BAQ30022-C	DN300 x 22.5° USJ SOC BEND
300x45°	BAQ30045-C	DN300 x 45° USJ SOC BEND
300x90°	BAQ30090-C	DN300 x 90° USJ SOC BEND
375x11.25°	BAQ37511-C	DN375 x 11.25° USJ SOC BEND
375x22.5°	BAQ37522-C	DN375 x 22.5° USJ SOC BEND
375x45°	BAQ37545-C	DN375 x 45° USJ SOC BEND
375x90°	BAQ37590-C	DN375 x 90° USJ SOC BEND
450x11.25°	BAQ45011-C	DN450 x 11.25° USJ SOC BEND
450x22.5°	BAQ45022-C	DN450 x 22.5° USJ SOC BEND
450x45°	BAQ45045-C	DN450 x 45° USJ SOC BEND
450x90°	BAQ45090-C	DN450 x 90° USJ SOC BEND



## CERTIFIED MODEL OR TYPE - Australian Market

<b>BENDS - SOC/SOC</b>	<b>CODE</b>	<b>DESCRIPTION</b>
500x11.25°	BAQ50011-C	DN500 x 11.25° USJ SOC BEND
500x22.5°	BAQ50022-C	DN500 x 22.5° USJ SOC BEND
500x45°	BAQ50045-C	DN500 x 45° USJ SOC BEND
500x90°	BAQ50090-C	DN500 x 90° USJ SOC BEND
600x11.25°	BAQ60011-C	DN600 x 11.25° USJ SOC BEND
600x22.5°	BAQ60022-C	DN600 x 22.5° USJ SOC BEND
600x45°	BAQ60045-C	DN600 x 45° USJ SOC BEND
600x90°	BAQ45090-C	DN600 x 90° USJ SOC BEND
<b>BENDS - FL/SOC</b>	<b>CODE</b>	<b>DESCRIPTION</b>
100x90°	BAQF10090-C	DN100 x 90° F/USJ SOC BEND
100x90°	WBFS10090C-C	DN100x90° F/USJ SOC WASHOUT BEND CJ
150x90°	BAQF15090-C	DN150 x 90° F/USJ SOC BEND
150x90° *	BAQF15090C-C	DN150 x 90° F/USJ SOC BEND CJ
<b>BENDS - FL/FL</b>	<b>CODE</b>	<b>DESCRIPTION</b>
80X90°	BDF08090-C	DN80 x 90° DF BEND
80X90° **	BDF08090LF-C	DN80 x 90° DF BEND LF
100x11°	BDF10011-C	DN100 x 11.25° DF BEND
100x11°	BDF10011LF-C	DN100 x 11.25° DF BEND LF
100x22°	BDF10022-C	DN100 x 22.5° DF BEND
100X22°	BDF10022LF-C	DN100 x 22.5° DF BEND LF
100x45°	BDF10045-C	DN100 x 45° DF BEND
100X45°	BDF10045LF-C	DN100 X 45° DF BEND LF
100x90°	BDF10090-C	DN100 x 90° DF BEND
100X90°	BDF10090LF-C	DN100 X 90° DF BEND LF
150x11°	BDF15011-C	DN150 x 11.25° DF BEND
150x22°	BDF15022-C	DN150 x 22.5° DF BEND
150x45°	BDF15045-C	DN150 x 45° DF BEND
150x90°	BDF15090-C	DN150 x 90° DF BEND
200x11.25°	BDF20011-C	DN200 x 11.25° DF BEND
200x11.25° **	BDF20011LF-C	DN200 x 11.25° DF BEND LF
200x22.5°	BDF20022-C	DN200 x 22.5° DF BEND
200x22.5° **	BDF20022LF-C	DN200 x 22.5° DF BEND LF
200x45°	BDF20045-C	DN200 x 45° DF BEND
200x45° **	BDF20045LF-C	DN200 x 45° DF BEND LF
200x90°	BDF20090-C	DN200 x 90° DF BEND
200x90° **	BDF20090LF-C	DN200 x 90° DF BEND LF
225x11.25°	BDF22511-C	DN225 x 11.25° DF BEND
225x22.25°	BDF22522-C	DN225 x 22.5° DF BEND
225x45°	BDF22545-C	DN225 x 45° DF BEND
225x90°	BDF22590-C	DN225 x 90° DF BEND



**BUREAU  
VERITAS**

## CERTIFIED MODEL OR TYPE - Australian Market

BENDS - FL/FL	CODE	DESCRIPTION
250x11.25°	BDF25011-C	DN250 x 11.25° DF BEND
250x11.25° **	BDF25011LF-C	DN250 x 11.25° DF BEND LF
250x22.5°	BDF25022-C	DN250 x 22.5° DF BEND
250x22.5° **	BDF25022LF-C	DN250 x 22.5° DF BEND LF
250x45°	BDF25045-C	DN250 x 45° DF BEND
250x45° **	BDF25045LF-C	DN250 x 45° DF BEND LF
250x90°	BDF25090-C	DN250 x 90° DF BEND
250x90° **	BDF25090LF-C	DN250 x 90° DF BEND LF
300x11.25°	BDF30011-C	DN300 x 11.25° DF BEND
300x11.25° **	BDF30011LF-C	DN300 x 11.25° DF BEND LF
300x22.5°	BDF30022-C	DN300 x 22.5° DF BEND
300x22.5° **	BDF30022LF-C	DN300 x 22.5° DF BEND LF
300x45°	BDF30045-C	DN300 x 45° DF BEND
300x45° **	BDF30045LF-C	DN300 x 45° DF BEND LF
300x90°	BDF30090-C	DN300 x 90° DF BEND
300x90° **	BDF30090LF-C	DN300 x 90° DF BEND LF
375x11.25°	BDF37511-C	DN375 x 11.25° DF BEND
375x22.5°	BDF37522-C	DN375 x 22.5° DF BEND
375x45°	BDF37545-C	DN375 x 45° DF BEND
375x90°	BDF37590-C	DN375 x 90° DF BEND
450x11.25°	BDF45011-C	DN450 x 11.25° DF BEND
450x22.5°	BDF45022-C	DN450 x 22.5° DF BEND
450x45°	BDF45045-C	DN450 x 45° DF BEND
450x90°	BDF45090-C	DN450 x 90° DF BEND
500x11.25°	BDF50011-C	DN500 x 11.25° DF BEND
500x22.5°	BDF50022-C	DN500 x 22.5° DF BEND
500x45°	BDF50045-C	DN500 x 45° DF BEND
500x90°	BDF50090-C	DN500 x 90° DF BEND
525x11.25°	BDF52511-C	DN525 x 11.25° DF BEND
525x22.5°	BDF52522-C	DN525 x 22.5° DF BEND
525x45°	BDF52545-C	DN525 x 45° DF BEND
525x90°	BDF52590-C	DN525 x 90° DF BEND
600x11.25°	BDF60011-C	DN600 x 11.25° DF BEND
600x22.5°	BDF60022-C	DN600 x 22.5° DF BEND
600x45°	BDF60045-C	DN600 x 45° DF BEND
600x90°	BDF60090-C	DN600 x 90° DF BEND





**BUREAU  
VERITAS**

## CERTIFIED MODEL OR TYPE - Australian Market

TEES - SOC/SOC	CODE	DESCRIPTION
100x100	TAQ100-C	DN100 x DN100 USJ / SOC TEE
100X100	TAQ100C-C	DN100 x DN100 USJ/SOC TEE CJ
150x100	TAQ100150-C	DN150 x DN100 USJ / SOC TEE
150x150	TAQ150-C	DN150 x DN150 USJ / SOC TEE
150x150 *	TAQ150C-C	DN150 x DN150 USJ / SOC TEE CJ
200x100	TAQ100200-C	DN200 x DN100 USJ / SOC TEE
200x150	TAQ150200-C	DN200 x DN150 USJ / SOC TEE
200x200	TAQ200-C	DN200 x DN200 USJ / SOC TEE
225x100	TAQ100225-C	DN225 x DN100 USJ / SOC TEE
225x150	TAQ150225-C	DN225 X DN150 USJ/ SOC TEE
225x200	TAQ200225-C	DN225 X DN200 USJ/ SOC TEE
225x225	TAQ225-C	DN225 x DN225 USJ / SOC TEE
250x100	TAQ100250-C	DN250 x DN100 USJ / SOC TEE
250x150	TAQ150250-C	DN250 x DN150 USJ / SOC TEE
250x200	TAQ200250-C	DN250 x DN200 USJ/ SOC TEE
250x250	TAQ250-C	DN250 x DN250 USJ / SOC TEE
300x100	TAQ100300-C	DN300 x DN100 USJ / SOC TEE
300x150	TAQ150300-C	DN300 x DN150 USJ / SOC TEE
300x200	TAQ200300-C	DN300 x DN200 USJ/ SOC TEE
300x225	TAQ225300-C	DN300 x DN225 USJ/ SOC TEE
300x300	TAQ300-C	DN300 x DN250 USJ / SOC TEE
375x200	TAQ200375-C	DN375 x DN200 USJ/ SOC TEE
375x225	TAQ225375-C	DN375 x DN225 USJ/ SOC TEE
375x250	TAQ250375-C	DN375 x DN250 USJ/ SOC TEE
375x300	TAQ300375-C	DN375 x DN300 USJ/ SOC TEE
375x375	TAQ375-C	DN375 x DN375 USJ/ SOC TEE
450x250	TAQ250450-C	DN450 x DN250 USJ/ SOC TEE
450x300	TAQ300450-C	DN450 x DN300 USJ/ SOC TEE
450x375	TAQ375450-C	DN450 x DN375 USJ/ SOC TEE
450x450	TAQ450-C	DN450 x DN450 USJ/ SOC TEE
500x250	TAQ250500-C	DN500 x DN250 USJ/ SOC TEE
500x300	TAQ300500-C	DN500 x DN300 USJ/ SOC TEE
500x375	TAQ375500-C	DN500 x DN375 USJ/ SOC TEE
500x450	TAQ450500-C	DN500 x DN450 USJ/ SOC TEE
500x500	TAQ500-C	DN500 x DN500 USJ/ SOC TEE
600x300	TAQ300600-C	DN600 x DN300 USJ/ SOC TEE
600x375	TAQ375600-C	DN600 x DN375 USJ/ SOC TEE
600x450	TAQ450600-C	DN600 x DN450 USJ/ SOC TEE
600x500	TAQ500600-C	DN600 x DN500 USJ/ SOC TEE
600x600	TAQ600-C	DN600 x DN600 USJ/ SOC TEE





**BUREAU  
VERITAS**

## CERTIFIED MODEL OR TYPE - Australian Market

TEES - SOC/FL	CODE	DESCRIPTION
100X80 *	TBFMWAQ80100C-C	DN100 X DN80 USJ SOC/SOC/BF TEE CJ
100x100	TBFMWAQ100-C	DN100 x DN100 USJ SOC / SOC / BF TEE
150X80 *	TBFMWAQ80150C-C	DN150 X DN80 USJ SOC/SOC/BF TEE CJ
150x100	TBFMWAQ100150-C	DN150 x DN100 USJ SOC / SOC / BF TEE
150x150	TBFMWAQ150-C	DN150 x DN150 USJ SOC / SOC / BF TEE
150x150 *	TBFMWAQ150C-C	DN150 x DN150 USJ SOC / SOC / BF TEE CJ
200X80 *	TBFMWAQ80200C-C	DN200 X DN80 USJ SOC/SOC/BF CJ
200x100	TBFMWAQ100200-C	DN200 x DN100 USJ SOC / SOC / BF TEE
200x150	TBFMWAQ150200-C	DN200 x DN150 USJ SOC / SOC / BF TEE
200x200	TBFMWAQ200-C	DN200 x DN200 USJ SOC / SOC / BF TEE
225x100	TBFMWAQ100225-C	DN225 x DN100 USJ SOC /SOC /BF TEE
225x150	TBFMWAQ150225-C	DN225 x DN150 USJ SOC /SOC /BF TEE
225x200	TBFMWAQ200225-C	DN225 x DN200 USJ SOC /SOC /BF TEE
225x225	TBFMWAQ225-C	DN225 x DN225 USJ SOC /SOC /BF TEE
250x100	TBFMWAQ100250-C	DN250 x DN100 USJ SOC / SOC / BF TEE
250x150	TBFMWAQ150250-C	DN250 x DN150 USJ SOC / SOC / BF TEE
250x200	TBFMWAQ200250-C	DN250 x DN200 USJ SOC /SOC /BF TEE
250x225	TBFMWAQ225250-C	DN250 x DN225 USJ SOC /SOC /BF TEE
250x250	TBFMWAQ250-C	DN250 x DN250 USJ SOC /SOC /BF TEE
300x100	TBFMWAQ100300-C	DN300 x DN100 USJ SOC / SOC / BF TEE
300x150	TBFMWAQ150300-C	DN300 x DN150 USJ SOC / SOC / BF TEE
300x200	TBFMWAQ200300-C	DN300 x DN200 USJ SOC /SOC /BF TEE
300x225	TBFMW225300-C	DN300 x DN225 USJ SOC /SOC /BF TEE
300x250	TBFMWAQ250300-C	DN300 x DN250 USJ SOC /SOC /BF TEE
300x300	TBFMWAQ300-C	DN300 x DN300 USJ SOC /SOC /BF TEE
375x100	TBFMWAQ100375-C	DN375 x DN100 USJ SOC /SOC /BF TEE
375x200	TBFMWAQ200375-C	DN375 x DN200 USJ SOC /SOC /BF TEE
375x225	TBFMWAQ225375-C	DN375 x DN225 USJ SOC /SOC /BF TEE
375x250	TBFMWAQ250375-C	DN375 x DN250 USJ SOC /SOC /BF TEE
375x300	TBFMWAQ300375-C	DN375 x DN300 USJ SOC /SOC /BF TEE
375x375	TBFMWAQ375-C	DN375 x DN375 USJ SOC /SOC /BF TEE
450x100	TBFMWAQ100450-C	DN450 x DN100 USJ SOC /SOC /BF TEE
450x250	TBFMWAQ250450-C	DN450 x DN250 USJ SOC /SOC /BF TEE
450x300	TBFMWAQ300450-C	DN450 x DN300 USJ SOC /SOC /BF TEE
450x375	TBFMWAQ375450-C	DN450 x DN375 USJ SOC /SOC /BF TEE
450x450	TBFMWAQ450-C	DN450 xDN450 USJ SOC /SOC /BF TEE
500x100	TBFMWAQ100500-C	DN500 x DN100 USJ SOC /SOC /BF TEE
500x250	TBFMWAQ250500-C	DN500 x DN250 USJ SOC /SOC /BF TEE
500x300	TBFMWAQ300500-C	DN500 x DN300 USJ SOC /SOC /BF TEE







**BUREAU  
VERITAS**

**CERTIFIED MODEL OR TYPE - Australian Market**

<b>TEES - SOC/FL</b>	<b>CODE</b>	<b>DESCRIPTION</b>
500x375	TBFMWAQ375500-C	DN500 x DN375 USJ SOC /SOC /BF TEE
500x450	TBFMWAQ450500-C	DN500 x DN450 USJ SOC /SOC /BF TEE
500x500	TBFMWAQ500-C	DN500 x DN500 USJ SOC /SOC /BF TEE
600x100	TBFMWAQ100600-C	DN600 x DN100 USJ SOC /SOC /BF TEE
600x300	TBFMWAQ300600-C	DN600 x DN300 USJ SOC /SOC /BF TEE
600x375	TBFMWAQ375600-C	DN600 x DN375 USJ SOC /SOC /BF TEE
600x450	TBFMWAQ450600-C	DN600 x DN450 USJ SOC /SOC /BF TEE
600x500	TBFMWAQ500600-C	DN600 x DN500 USJ SOC /SOC /BF TEE
600x525	TBFMWAQ525600-C	DN600 x DN525 USJ SOC /SOC /BF TEE
600x600	TBFMWAQ600-C	DN600 x DN600 USJ SOC /SOC /BF TEE
<b>TEES - FL/FL</b>	<b>CODE</b>	<b>DESCRIPTION</b>
80x80 **	TAF080LF-C	DN80 x DN80 AF TEE LF
100x80	TAF080100-C	DN100 x DN80 AF TEE
100x80 **	TAF080100LF-C	DN100 x DN80 AF TEE LF
100x100	TAF100-C	DN100 x DN100 AF TEE
100x100	TAF100LF-C	DN100x DN100 FL/FL/FL TEE LF
150x80 **	TAF080150LF-C	DN150 x DN80 AF TEE LF
150x100	TAF100150-C	DN150 x DN100 AF TEE
150x150	TAF150-C	DN150 x DN150 AF TEE
200x80 **	TAF080200LF-C	DN200 x DN80 AF TEE LF
200x100	TAF100200-C	DN200 x DN100 AF TEE
200x150	TAF150200-C	DN200 x DN150 AF TEE
200x200	TAF200-C	DN200 x DN200 AF TEE
225x100	TAF100225-C	DN225 x DN100 AF TEE
225x150	TAF150225-C	DN225 x DN150 AF TEE
225x200	TAF200225-C	DN225 x DN200 AF TEE
225x225	TAF225-C	DN225 x DN225 AF TEE
250x80 **	TAF080250LF-C	DN250 x DN80 AF TEE LF
250x100	TAF100250-C	DN250 x DN100 AF TEE
250x100 **	TAF100250LF-C	DN250 x DN100 AF TEE LF
250x150	TAF150250-C	DN250 x DN150 AF TEE
250x150 **	TAF150250LF-C	DN250 x DN150 AF TEE LF
250x200	TAF200250-C	DN250 x DN200 AF TEE
250x200 **	TAF200250LF-C	DN250 x DN200 AF TEE LF
250x225	TAF225250-C	DN250 x DN225 AF TEE
250x250	TAF250-C	DN250 x DN250 AF TEE
250x250 **	TAF250LF-C	DN250 x DN250 AF TEE LF
300x80 **	TAF080300LF-C	DN300 x DN80 AF TEE LF
300x100	TAF100300-C	DN300 x DN100 AF TEE
300x100 **	TAF100300LF-C	DN300 x DN100 AF TEE LF





**BUREAU  
VERITAS**

<b>TEES - FL/FL</b>	<b>CODE</b>	<b>DESCRIPTION</b>
300x150	TAF150300-C	DN300 x DN150 AF TEE
300x150 **	TAF150300LF-C	DN300 x DN150 AF TEE LF
300x200	TAF200300-C	DN300 x DN200 AF TEE
300x200 **	TAF200300LF-C	DN300 x DN200 AF TEE LF
300x225	TAF225300-C	DN300 x DN225 AF TEE
300x250	TAF250300-C	DN300 x DN250 AF TEE
300x250 **	TAF250300LF-C	DN300 x DN250 AF TEE LF
300x300	TAF300-C	DN300 x DN300 AF TEE
300x300 **	TAF300LF-C	DN300 x DN300 AF TEE LF
375x200	TAF200375-C	DN375 x DN200 AF TEE
375x225	TAF225375-C	DN375 x DN225 AF TEE
375x250	TAF250375-C	DN375 x DN250 AF TEE
375x300	TAF300375-C	DN375 x DN300 AF TEE
375x375	TAF375-C	DN375x DN375 AF TEE
450x250	TAF250450-C	DN450 x DN250 AF TEE
450x300	TAF300450-C	DN450 x DN300 AF TEE
450x375	TAF375450-C	DN450 x DN375 AF TEE
450x450	TAF450-C	DN450 x DN450 AF TEE
500x250	TAF250500-C	DN500 x DN250 AF TEE
500x300	TAF300500-C	DN500 x DN300 AF TEE
500x375	TAF375500-C	DN500 x DN375 AF TEE
500x450	TAF450500-C	DN500 x DN450 AF TEE
500x500	TAF500-C	DN500 x DN500 AF TEE
525x250	TAF250525-C	DN525 x DN250 AF TEE
525x300	TAF300525-C	DN525 x DN300 AF TEE
525x375	TAF375525-C	DN525 x DN375 AF TEE
525x450	TAF450525-C	DN525 x DN450 AF TEE
525x500	TAF500525-C	DN525 x DN500 AF TEE
600x300	TAF300600-C	DN600 x DN300 AF TEE
600x375	TAF375600-C	DN600 x DN375 AF TEE
600x450	TAF450600-C	DN600 x DN450 AF TEE
600x500	TAF500600-C	DN600 x DN500 AF TEE
600x525	TAF525600-C	DN600 x DN525 AF TEE
600x600	TAF600-C	DN600 x DN600 AF TEE
<b>TEES – FL/SP</b>	<b>CODE</b>	<b>DESCRIPTION</b>
150X80 **	TBF080150LF-C	DN150 X DN80 SP/SP/FL TEE LF
150X100 **	TBF100X150LF-C	DN150 X DN100 SP/SP/FL TEE LF





**BUREAU  
VERITAS**

### **CERTIFIED MODEL OR TYPE - Australian Market**

<b>TAPERS - SOC/SOC</b>	<b>CODE</b>	<b>DESCRIPTION</b>
150x100	RAQ150100-C	DN150 x DN100 USJ SOC REDUCER
150x100	RAQ150100C-C	DN150 x DN100 USJ SOC REDUCER CJ
100x80	RAQ100080-C	DN100 x DN80 USJ SOC REDUCER
150x80	RAQ150080-C	DN150 x DN80 USJ SOC REDUCER
200x100	RAQ200100-C	DN200 x DN100 USJ SOC REDUCER
200x150	RAQ200150-C	DN200 x DN150 USJ SOC REDUCER
225x100	RAQ225100-C	DN225 x DN100 USJ SOC REDUCER
225x150	RAQ225150-C	DN225 x DN150 USJ SOC REDUCER
225x200	RAQ225200-C	DN225 x DN200 USJ SOC REDUCER
250x100	RAQ250100-C	DN250 x DN100 USJ SOC REDUCER
250x150	RAQ250150-C	DN250 x DN150 USJ SOC REDUCER
250x200	RAQ250200-C	DN250 x DN200 USJ SOC REDUCER
250x225	RAQ250225-C	DN250 x DN225 USJ SOC REDUCER
300x100	RAQ300100-C	DN300 x DN100 USJ SOC REDUCER

### **CERTIFIED MODEL OR TYPE - Australian Market**

<b>TAPERS - SOC/SOC</b>	<b>CODE</b>	<b>DESCRIPTION</b>
300x150	RAQ300150-C	DN300 x DN150 USJ SOC REDUCER
300x200	RAQ300200-C	DN300 x DN200 USJ SOC REDUCER
300x225	RAQ300225-C	DN300 x DN225 USJ SOC REDUCER
300x250	RAQ300250-C	DN300 x DN250 USJ SOC REDUCER
375x200	RAQ375200-C	DN375 x DN200 USJ SOC REDUCER
375x225	RAQ375225-C	DN375 x DN225 USJ SOC REDUCER
375x250	RAQ375250-C	DN375 x DN250 USJ SOC REDUCER
375x300	RAQ375300-C	DN375 x DN300 USJ SOC REDUCER
450x250	RAQ450250-C	DN450 x DN250 USJ SOC REDUCER
450x300	RAQ450300-C	DN450 x DN300 USJ SOC REDUCER
450x375	RAQ450375-C	DN450 x DN375 USJ SOC REDUCER
500x250	RAQ500250-C	DN500 x DN250 USJ SOC REDUCER
500x300	RAQ500300-C	DN500 x DN300 USJ SOC REDUCER
500x375	RAQ500375-C	DN500 x DN375 USJ SOC REDUCER
500x400	RAQ500400-C	DN500 x DN400 USJ SOC REDUCER
600x300	RAQ600300-C	DN600 x DN300 USJ SOC REDUCER
600x375	RAQ600375-C	DN600 x DN375 USJ SOC REDUCER
600x450	RAQ600450-C	DN600 x DN450 USJ SOC REDUCER
600x500	RAQ600500-C	DN600 x DN500 USJ SOC REDUCER
600x525	RAQ600525-C	DN600 x DN525 USJ SOC REDUCER





**BUREAU  
VERITAS**

TAPERS - FL/FL	CODE	DESCRIPTION
100x80	RDF100080-C	DN100 x DN80 DF REDUCER
100x80 *	RDF100080LF-C	DN100 x DN80 DF REDUCER LW
150x80	RDF150080-C	DN150 x DN80 DF REDUCER
150x100	RDF150100-C	DN150 x DN100 DF REDUCER
200x100	RDF200100-C	DN200 x DN100 DF REDUCER
200x100 *	RDF200100LF-C	DN200 x DN100 DF REDUCER LF
200x150	RDF200150-C	DN200 x DN150 DF REDUCER
225x100	RDF225100-C	DN225 x DN100 DF REDUCER
225x150	RDF225150-C	DN225 x DN150 DF REDUCER
225x200	RDF225200-C	DN225 x DN200 DF REDUCER
250x100	RDF250100-C	DN250 x DN100 DF REDUCER
250x150	RDF250150-C	DN250 x DN150 DF REDUCER
250x150 **	RDF250150LF-C	DN250 x DN150 DF REDUCER LF
250x200	RDF250200-C	DN250 x DN200 DF REDUCER
250x200 **	RDF250200LF-C	DN250 x DN200 DF REDUCER LF
250x225	RDF250225-C	DN250 x DN225 DF REDUCER
300x100	RDF300100-C	DN300 x DN100 DF REDUCER
300x150	RDF300150-C	DN300 x DN150 DF REDUCER
300x200	RDF300200-C	DN300 x DN200 DF REDUCER
300x200 **	RDF300200LF-C	DN300 x DN200 DF REDUCER LF
300x225	RDF300225-C	DN300 x DN225 DF REDUCER
300x250	RDF300250-C	DN300 x DN250 DF REDUCER
300x250 **	RDF300250LF-C	DN300 x DN250 DF REDUCER LF
375x200	RDF375200-C	DN375 x DN200 DF REDUCER
375x225	RDF375225-C	DN375 x DN225 DF REDUCER
375x250	RDF375250-C	DN375 x DN250 DF REDUCER
375x300	RDF375300-C	DN375 x DN300 DF REDUCER
450x250	RDF450250-C	DN450 x DN250 DF REDUCER
450x300	RDF450300-C	DN450 x DN300 DF REDUCER
450x375	RDF450375-C	DN450 x DN375 DF REDUCER
500x250	RDF500250-C	DN500 x DN250 DF REDUCER
500x300	RDF500300-C	DN500 x DN300 DF REDUCER
500x375	RDF500375-C	DN500 x DN375 DF REDUCER
500x450	RDF500450-C	DN500 x DN450 DF REDUCER
525x250	RDF525250-C	DN525 x DN250 DF REDUCER
525x300	RDF525300-C	DN525 x DN300 DF REDUCER
525x375	RDF525375-C	DN525 x DN375 DF REDUCER
525x450	RDF525450-C	DN525 x DN450 DF REDUCER
525x500	RDF525500-C	DN525 x DN500 DF REDUCER
600x300	RDF600300-C	DN600 x DN300 DF REDUCER
600x375	RDF600375-C	DN600 x DN375 DF REDUCER
600x450	RDF600450-C	DN600 x DN450 DF REDUCER
600x500	RDF600500-C	DN600 x DN500 DF REDUCER
600x525	RDF600525-C	DN600 x DN525 DF REDUCER





**BUREAU  
VERITAS**

CONNECTORS - FL/SOC	CODE	DESCRIPTION
100	FAAQ100-C	DN100 FLANGE USJ SOC ADAPTER
100	FAAQ100C-C	DN100 FLANGE USJ SOC ADAPTER CJ
150	FAAQ150-C	DN150 FLANGE USJ SOC ADAPTER
150 *	FAAQ150C-C	DN150 FLANGE USJ SOC ADAPTER CJ
200	FAAQ200-C	DN200 FLANGE USJ SOC ADAPTER
225	FAAQ225-C	DN225 FLANGE USJ SOC ADAPTOR
250	FAAQ250-C	DN250 FLANGE USJ SOC ADAPTER
250 **	FAAQ250LF-C	DN250 FLANGE USJ SOC ADAPTER LF
300	FAAQ300-C	DN300 FLANGE USJ SOC ADAPTER
300 **	FAAQ300LF-C	DN300 FLANGE USJ SOC ADAPTER LF
375	FAAQ375-C	DN375 FLANGE USJ SOC ADAPTER
450	FAAQ450-C	DN450 FLANGE USJ SOC ADAPTER
500	FAAQ500-C	DN500 FLANGE USJ SOC ADAPTER
525	FAAQ525-C	DN525 FLANGE USJ SOC ADAPTER
600	FAAQ600-C	DN600 FLANGE USJ SOC ADAPTER

CONNECTORS - FL/SP	CODE	DESCRIPTION
80 **	FAPE80LF-C	DN80 FLANGE SPIGOT ADAPTER LF
100	FAPE100-C	DN100 FLANGE SPIGOT ADAPTER
150	FAPE150-C	DN150 FLANGE SPIGOT ADAPTER
200	FAPE200-C	DN200 FLANGE SPIGOT ADAPTER
225	FAPE225-C	DN225 FLANGE SPIGOT ADAPTER
250	FAPE250-C	DN250 FLANGE SPIGOT ADAPTER
250 **	FAPE250LF-C	DN250 FLANGE SPIGOT ADAPTER LF
300	FAPE300-C	DN300 FLANGE SPIGOT ADAPTER
300 **	FAPE300LF-C	DN300 FLANGE SPIGOT ADAPTER LF
375	FAPE375-C	DN375 FLANGE SPIGOT ADAPTER
450	FAPE450-C	DN450 FLANGE SPIGOT ADAPTER
500	FAPE500-C	DN500 FLANGE SPIGOT ADAPTER
525	FAPE525-C	DN525 FLANGE SPIGOT ADAPTER
600	FAPE600-C	DN600 FLANGE SPIGOT ADAPTER

HYDRANT TEE-SOC	CODE	DESCRIPTION
100	THAQ100-C	DN100 x DN80 USJ SOC / SOC / HYD BF TEE
150	THAQ150-C	DN150 x DN80 USJ SOC / SOC / HYD BF TEE
200	THAQ200-C	DN200 x DN80 USJ SOC / SOC / HYD BF TEE
225	THAQ225-C	DN225 x DN80 USJ SOC / SOC / HYD BF TEE
250	THAQ250-C	DN250 x DN80 USJ SOC / SOC / HYD BF TEE
300	THAQ300-C	DN300 x DN80 USJ SOC / SOC / HYD BF TEE
375	THAQ375-C	DN375 x DN80 USJ SOC / SOC /HYD BF TEE
450	THAQ450-C	DN450 x DN80 USJ SOC / SOC /HYD BF TEE
500	THAQ500-C	DN500 x DN80 USJ SOC / SOC /HYD BF TEE
600	THAQ600-C	DN600 x DN80 USJ SOC / SOC /HYD BF TEE





**BUREAU  
VERITAS**

HYDRANT RISER	CODE	DESCRIPTION
100	HR100-C	DN80 x 100 LONG UNIVERSAL HYD RISER
150	HR150-C	DN80 x 150 LONG UNIVERSAL HYD RISER
225	HR225-C	DN80 x 225 LONG UNIVERSAL HYD RISER
300	HR300-C	DN80 x 300 LONG UNIVERSAL HYD RISER
375	HR375-C	DN80 x 375 LONG UNIVERSAL HYD RISER
450	HR450-C	DN80 x 450 LONG UNIVERSAL HYD RISER
525	HR525-C	DN80 x 525 LONG UNIVERSAL HYD RISER
600	HR600-C	DN80 x 600 LONG UNIVERSAL HYD RISER

RISER	CODE	DESCRIPTION
80x100 **	PSDF0800100LW-C	DN80 x 100 LONG RISER LW
80x150 *	PSDF0800150LW-C	DN80 x 150 LONG RISER LW
80x225 *	PSDF0800225LW-C	DN80 x 225 LONG RISER LW
80x300	PSDF0800300LW-C	DN80 x 300 LONG RISER LW
80x450 **	PSDF0800450LW-C	DN80 x 450 LONG RISER LW
80x600 **	PSDF0800600LW-C	DN80 x 600 LONG RISER LW
100x100 **	PSDF1000100LW-C	DN100 x 100 LONG RISER LW
100x150 *	PSDF1000150LW-C	DN100 x 150 LONG RISER LW
100x225 **	PSDF1000225LW-C	DN100 x 225 LONG RISER LW
100x300	PSDF1000300LW-C	DN100 x 300 LONG RISER LW
100X400 *	PSDF1000400LF-C	DN100 x 400 LONG RISER LF
100x450	PSDF1000450LF-C	DN100 x 450 LONG RISER LF
100x500 *	PSDF1000500LF-C	DN100 x 500 LONG RISER LF
100x600	PSDF1000600LF-C	DN100 x 600 LONG RISER LF
100x750	PSDF1000750LF-C	DN100 x 750 LONG RISER LF
100x900	PSDF1000900LF-C	DN100 x 900 LONG RISER LF
100x1000	PSDF1001000LF-C	DN100 x 1000 LONG RISER LF
100x1200	PSDF1001200LF-C	DN100 x 1200 LONG RISER LF

PIPE SPOOL	CODE	DESCRIPTION
150X100 **	PSDF1500100LW-C	DN150 X 100 PIPE SPOOL LW
150X150 **	PSDF1500150LW-C	DN150 X 150 PIPE SPOOL LW
150X225 **	PSDF1500225LW-C	DN150 X 225 PIPE SPOOL LW
150X300 *	PSDF1500300LW-C	DN150 X 300 PIPE SPOOL LW
150X400 *	PSDF1500400LF-C	DN150 X 400 PIPE SPOOL LF
150X450 **	PSDF1500450LF-C	DN150 X 450 PIPE SPOOL LF
150X500 *	PSDF1500500LF-C	DN150 X 500 PIPE SPOOL LF
150X600 *	PSDF1500600LF-C	DN150 X 600 PIPE SPOOL LF
150X750 **	PSDF1500750LF-C	DN150 X 750 PIPE SPOOL LF
150X1000 *	PSDF1501000LF-C	DN150 X 1000 PIPE SPOOL LF
150X1200 **	PSDF1501200LF-C	DN150 X 1200 PIPE SPOOL LF
200x300 *	PSDF2000300LF-C	DN200 x 300 PIPE SPOOL LF
200x500 *	PSDF2000500LF-C	DN200 x 500 PIPE SPOOL LF
200x1000 *	PSDF2001000LF-C	DN200 x 1000 PIPE SPOOL LF





**BUREAU  
VERITAS**

### **CERTIFIED MODEL OR TYPE - Australian Market**

<b>BLANK FLANGE</b>	<b>CODE</b>	<b>DESCRIPTION</b>
80 **	BF0800LF	DN80 BLANK FLANGE LW
100 **	BF1000LF	DN100 BLANK FLANGE LW
150 **	BF1500LF	DN150 BLANK FLANGE LW
200 **	BF2000LF	DN200 BLANK FLANGE LW
250 **	BF2500LF	DN250 BLANK FLANGE LW
300 **	BF3000LF	DN300 BLANK FLANGE LW

Note: \* denotes added 2 July 2020

Note: \*\* denotes added 23 May 2022



**BUREAU  
VERITAS**

## CERTIFIED MODEL OR TYPE

### New Zealand Market

Description <sup>1</sup>	Reference(s) <sup>2</sup>	Symbol
Socket	Figure H1	
Spigot	Figure H17	
Bends	Figures H2, H3 & H14	
Caps	Figure H5	
Connectors	Figure H4	
Pretapped connector	Figure H4	
Plugs	Figure H6	
Risers-hydrant	Figure H7	
Tapers	Figures H8 & H15	
Tees – air valve, hydrant and scour	Figures H9 & H10	
Tees	Figures H11, H12, H13 & H16	

#### Notes:

- (1) Any practical combination(s) of the above are acceptable.
- (2) All fittings are designed and manufactured to AS/NZS 2280:2020 with dimensional requirements to the references listed in Appendix H, or to the dimensional requirements of the customer as provided for in the Standard – providing all other requirements of the Standard are met.

Revision Date: 30 May 2022

