

FOR VALVE

Valid for products not subject to DNV GL classification requirements.

Particulars of Product

Product Name:	Ball, Butterfly, Gate, Globe, and Plug Valve
Type designation:	Ref. to attachement
Application/context:	As per witness certificates
ID/Serial/Tag no:	N.A.
The product is intended for:	Stock/Projects
Requirements are based on:	Fugitive Emission ISO 15848-1, ISO 15848-2, ISO 10497-2010, Cycle & Reliability Endurance test, API622- 2nd Edition 2011, Fire safe Tests API 607 6th Edition

Deviations and limitations, if any, are stated on page 2 onwards.

Particulars of Vendor and Purchaser

Vendor:	Global Supply Line Pty. Ltd.
Vendor reference:	
Purchaser:	
Purchaser reference:	

Issued at **New York** on **2016-07-29**



for **DNV GL**

This document has been digitally signed and will therefore not have handwritten signatures

Fu, Guoqiang
Surveyor

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Statement No: **N141A59A**

Verification extent and result

Verification extent:

Witness fire tests fugitive emission tests and endurance tests on valves and actuators

Verification result/comments:

Refer to attached spread sheet and each DNVGL certificate.

Report

At the request of Global Supply Line Pty Ltd, DNVGL New York Office did attend Yarmouth Research and Technology in Maine, USA to witness the fire tests fugitive emission tests and endurance tests. The tests for selected size was witnessed by DNVGL surveyor, as we have mentioned on our survey reports.

Details refer to our survey reports (report number has been listed on attached spread sheet attached: Annex 1. Firesafe tests-001, Annex II Fugitive emission tests-002, Annex III- Valve and actuator endurance - reliability cycle test coverage-003 .)

Annex 1. FIRESAFE TESTS-001

ITEM	MANUFACTURER	VALVE TYPE	MODEL RANGE TESTED	SEAT/SEALS	PRODUCT DESCRIPTION	STANDARD	YARMOUTH CERTIFICATE NUMBER	DATE OF TEST/ WITNESS	COVERAGE RANGE
3.2	AUSTRALIAN PIPELINE VALVE (APV)	BALL - FLOATING	MODEL FS660	PTFE/ GRAPHITE	BALL VALVE FLOATING 2 PIECE	API607 5TH EDITION ISO 10497-5:2004 API6FA-3RD	PN204114A	11-Oct-05	3/8" TO 2" 800 - 2500 CLASS
3.1	AUSTRALIAN PIPELINE VALVE (APV)	BALL - FLOATING	MODEL FS900	PTFE/ GRAPHITE	BALL VALVE FLOATING 1 PIECE	API607 5TH EDITION ISO 10497-5:2004 API6FA-3RD	PN204114-1-800 BALL	22-Jun-06	1/4" TO 2" 800 - 1500 CLASS
1.1A	AUSTRALIAN PIPELINE VALVE (APV)	BALL - FLOATING	MODEL BV100	DEVLON (1) (POM)/ GRAPHITE/ VITON	BALL VALVE SPLIT BODY API608 API6D	API 607 6TH EDITION ISO 10497-2010	215067-1.1A	7/7/2015	1/4" TO 4" † 600*- 2500 CLASS AND API 3000-5000 PSI. *600 & 900 class use same valve centre section as 1500LB so are also covered. † API607 and ISO 10497-2010 paragraph 7.2.2 states that if a range of valves is covered by testing ferritic valves then the same entire size and class range will be covered for duplex and austenitic material by testing one mid range valve in austenitic material
3.3	AUSTRALIAN PIPELINE VALVE (APV)	BALL - FLOATING	MODEL BV100	PTFE/ GRAPHITE	BALL VALVE FLOATING 3 PIECE API608/API6D	API607 5TH EDITION ISO 10497-5:2004 API6FA-3RD	PN204114-112-800 BALL	22-Jun-06	1/4" TO 3" 800* - 1500 CLASS AND API 3000 PSI (* 150 TO 600 FLANGED USE 800# BODY HENCE ARE ALSO COVERED)
3.4	AUSTRALIAN PIPELINE VALVE (APV)	BALL - FLOATING	MODEL FS660	PTFE/ GRAPHITE	BALL VALVE FLOATING 2 PIECE	API607 5TH EDITION ISO 10497-5:2004 API6FA-3RD	PN204114-2-800 BALL	22-Jun-06	1/4" TO 3" 800 - 2500 CLASS AND 3000 & 5000 PSI
4.2	AUSTRALIAN PIPELINE VALVE (APV)	BALL - FLOATING	MODEL SLFSBV01	PTFE/ GRAPHITE	BALL VALVE 2 PIECE FLOATING BALL API608, API6D, ANSI B16	API607 6TH EDITION ISO 10497-2010	SHA/873979/1604-15070, 1572	5/2/15	1/2" - 2" 150 TO 600 CLASS AND 6" - 12" 150 - 300 CLASS † Covers Austenitic & Ferritic
1.1	AUSTRALIAN PIPELINE VALVE (APV)	BALL - FLOATING	MODEL SLFSBV02	PTFE (1) /GRAPHITE	BALL VALVE 1 PIECE END ENTRY FLOATING BALL API608, API6D, ANSI B16	API 607 6TH EDITION ISO 10497-2010	213099-1.1	5/12/2014	1/2" TO 4" 150 & 300 CLASS
1.2	AUSTRALIAN PIPELINE VALVE (APV)	BALL - FLOATING	MODEL SLFSBV01	PTFE (1) / GRAPHITE	BALL VALVE 2 PIECE FLOATING BALL API608, API6D, ANSI B16	API 607 6TH EDITION ISO 10497-2010	213099-1.2	6/12/2014	1/2" TO 4" 150 TO 600 CLASS (and PN 10/25/40) Ferritic & Austenitic covered, see item 4.2 for Austenitic & duplex (as per 7.2.2 API607)
3.5	AUSTRALIAN PIPELINE VALVE (APV)	BALL - FLOATING	MODEL SLFSBV01	PTFE/ GRAPHITE	CAST BALL VALVE FLOATING 2 PIECE API608, API6D	API607 5TH EDITION ISO 10497-5:2004 API6FA-3RD	PN204114-4-150 BALL	22-Jun-06	4" TO 8" 150 - 300 CLASS (and PN 10/16/25/40) Ferritic & Austenitic & Duplex covered, see item 4.2 for Austenitic (as per 7.2.2 API607)
4.1	AUSTRALIAN PIPELINE VALVE (APV)	BALL - FLOATING	MODEL SLFSBV01	PTFE/ GRAPHITE/ VITON	BALL VALVE 2 PIECE FLOATING BALL API608, API6D, ANSI B16	API 607 6TH EDITION ISO 10497-2010	SHA/873979/1604-1573, 1571	5/2/15	6" TO 12" 150 & 300 CLASS
1.4	AUSTRALIAN PIPELINE VALVE (APV)	BALL - FLOATING	MODEL SLFSBV01	PTFE (1) / GRAPHITE/ VITON	BALL VALVE 2 PIECE FLOATING BALL API608, API6D, ANSI B16	API 607 6TH EDITION ISO 10497-2010	213099-1.4	10/9/2014	6" & ABOVE 150 & 300 CLASS (and PN 10/25/40) Ferritic & Austenitic covered, see item 4.2 for Austenitic & duplex (as per 7.2.2 API607)
**1.3	AUSTRALIAN PIPELINE VALVE (APV)	BALL - FLOATING	MODEL SLFSBV02	PTFE (1) / GRAPHITE	BALL VALVE 1 PIECE END ENTRY FLOATING BALL API608, API6D, ANSI B16	API 607 6TH EDITION ISO 10497-2010	TBA	TBA	6" TO 14" 150 & 300 CLASS (and PN 10/25/40)
1.5	AUSTRALIAN PIPELINE VALVE (APV)	BALL - TRUNNION	MODEL BVF100	RPTFE (1) /GRAPHITE/ VITON	BALL VALVE 3 PIECE TRUNNION MOUNTED API6D	API 607 6TH EDITION ISO 10497-2010	213099-1.5	6/12/2014	1/2" TO 4" 600 - 900* CLASS & 1/2" TO 2 1/2" 1500 CLASS * 1/2" TO 2 1/2" 900 & 1500 ARE SAME VALVE
1.6.1	AUSTRALIAN PIPELINE VALVE (APV)	BALL - TRUNNION	MODEL FS9000	RPTFE (1) /GRAPHITE/ VITON	BALL VALVE 2 PIECE FS9000 API6D	API 607 6TH EDITION ISO 10497-2010	215067-1.6.1	7/6/2015	1/2" TO 4" 600 TO 900 CLASS & 1/2" TO 2 1/2" 1500 CLASS* * 1/2" TO 2 1/2" 900 & 1500LB ARE SAME VALVE
1.6	AUSTRALIAN PIPELINE VALVE (APV)	BALL - TRUNNION	MODEL FS9000	RPTFE (1) /GRAPHITE/ VITON	BALL VALVE 2 PIECE TRUNNION MOUNTED API6D	API 607 6TH EDITION ISO 10497-2010	213099-1.6	10/9/2014	3" TO 6" 150 - 300 CLASS
3.6	AUSTRALIAN PIPELINE VALVE (APV)	BALL - TRUNNION	MODEL BVF100	DEVLON (NYLON)/ GRAPHITE/ VITON	FORGED BALL VALVE TRUNNION MOUNTED 3 PIECE API6D	API607 5TH EDITION ISO 10497-5:2004 API6FA-3RD	PN204114C	11-Oct-05	3" TO 6" 900 - 2500 CLASS AND API 6A 3000-5000 PSI
1.8	AUSTRALIAN PIPELINE VALVE (APV)	BALL - TRUNNION	MODEL BVF100	PTFE (1) / GRAPHITE/ VITON	BALL VALVE 3 PIECE TRUNNION MOUNTED API6D	API 607 6TH EDITION ISO 10497-2010	215067-1.8	7/21/2015	6" & ABOVE 150 & 300 CLASS
1.9	AUSTRALIAN PIPELINE VALVE (APV)	BALL - TRUNNION	MODEL BVF100	DEVLON (1) / (NYLON) GRAPHITE/ VITON	BALL VALVE 3 PIECE TRUNNION MOUNTED API6D	API 607 6TH EDITION ISO 10497-2010	215067-1.9	7/23/2015	6" & ABOVE 600 & 900 CLASS
3.7	AUSTRALIAN PIPELINE VALVE (APV)	BALL - TRUNNION	MODEL FS9000	DEVLON (NYLON)/ GRAPHITE/ VITON	CAST BALL VALVE TRUNNION MOUNTED 2 PIECE API6D	API607 5TH EDITION ISO 10497-5:2004 API6FA-3RD	PN204114B	25-Sep-05	6" TO 16" 600 - 900 CLASS
1.7	AUSTRALIAN PIPELINE VALVE (APV)	BALL - TRUNNION	MODEL FS9000	RPTFE (1) /GRAPHITE/ VITON	BALL VALVE 2 PIECE TRUNNION MOUNTED API6D	API 607 6TH EDITION ISO 10497-2010	215067-1.7	7/21/2015	8" & ABOVE 150 TO 300 CLASS
1.17	AUSTRALIAN PIPELINE VALVE (APV)	BALL - TRUNNION	MODEL FS9000 FTCA1823AAACB	POM (DELRIN) GRAPHITE	8" CLASS 600 BALL VALVE 2 PIECE TRUNNION MOUNTED	API 607 6TH EDITION ISO 10497-2010	216067-1.17	5/20/2016	8" & ABOVE 600 TO 900 CLASS
1.10	APV - SUPERSEAL	BUTTERFLY - HP	MODEL SLHBFFS	PTFE (1) / GRAPHITE	HIGH PERFORMANCE BUTTERFLY VALVE DOUBLE OFFSET DISC API609, MSS-SP68	API 607 6TH EDITION ISO 10497-2010	215067-1.10	7/9/2015	2" TO 6" 300 & 600 CLASS † & 4" TO 16" 150 & 300 CLASS † API607 and ISO 10497-2010 paragraph 7.2.2 states that if a range of valves is covered by testing ferritic valves then the same entire size and class range will be covered for duplex and austenitic material by testing one mid range valve in austenitic material

1.11	APV - SUPERSEAL	BUTTERFLY - HP	MODEL SLHBFFS	RPTFE (1) / GRAPHITE	HIGH PERFORMANCE BUTTERFLY VALVE DOUBLE OFFSET DISC API609, MSS-SP68	API 607 6TH EDITION ISO 10497-2010	215067-1.11	7/21/2015	6" TO 16" 150 & 300 CLASS
1.12	AUSTRALIAN PIPELINE VALVE (APV)	GATE VALVE	MODEL P47XUF-2B	METAL /GRAPHITE TRIM#8 CR13	GATE VALVE BBOSY API600	API 6FA 3RD-2011 EDITION ISO 10497-2010	213099-1.12	10/9/2014	150 TO 300 CLASS ALL SIZES
1.14	AUSTRALIAN PIPELINE VALVE (APV)	PLUG - LUBRICATED	MODEL SSCR	METAL/ LUBRICATED/ GRAPHITE	LUBRICATED PLUG VALVE API6D PRESSURE BALANCED INVERTED PLUG	API 607 6TH EDITION ISO 10497-2010	215067-1.14	7/6/2015	1/2" TO 4" 150 & 300 CLASS
3.8	AUSTRALIAN PIPELINE VALVE (APV)	PLUG - LUBRICATED	MODEL SSCR	METAL/ LUBRICATED/ GRAPHITE	CAST LUBRICATED PLUG VALVE API6D	API607 5TH EDITION ISO 10497-5:2004 API6FA-3RD	PN204114-2-600 PLUG	22-Jun-06	1/2" TO 4" 600 - 900 CLASS
1.16	AUSTRALIAN PIPELINE VALVE (APV)	PLUG - LUBRICATED	MODEL SSCR	METAL/ LUBRICATED/ GRAPHITE	LUBRICATED PLUG VALVE API6D PRESSURE BALANCED INVERTED PLUG	API 607 6TH EDITION ISO 10497-2010	215067-1.16	7/10/2015	1/2" TO 4" 1500 TO 2500 CLASS
1.13	AUSTRALIAN PIPELINE VALVE (APV)	PLUG - LUBRICATED	MODEL SSCR	METAL / LUBRICATED/ GRAPHITE	LUBRICATED PLUG VALVE API6D PRESSURE BALANCED INVERTED PLUG	API 607 6TH EDITION ISO 10497-2010	213099-1.13	3/20/2014	6" & ABOVE 150 & 300 CLASS
1.15	AUSTRALIAN PIPELINE VALVE (APV)	PLUG - LUBRICATED	MODEL SSCR	METAL/ LUBRICATED/ GRAPHITE	LUBRICATED PLUG VALVE API6D PRESSURE BALANCED INVERTED PLUG	API 607 6TH EDITION ISO 10497-2010	215067-1.15	7/22/2015	6" TO 12" 600 TO 1500 CLASS

† API607 paragraph 7.2.2 states that if a range of valves is covered by testing ferritic valves then the same entire size and class range will be covered for duplex and austenitic material by testing one mid range valve in austenitic material.

(1) Note- All Valves tested considered as soft seated ball valves, therefore different "insert soft plastic seats" fitted into the valves, such as reinforced PTFE-KEL 'F'-PEEK-NYLON-DEVLON-RPTFE-POM etc., are interchangeable .