



SIRIM QAS International Sdn. Bhd. (410334-X)
No.1, Persiaran Dato' Menteri, Section 2, P.O. Box 7035,
40700 Shah Alam, Selangor Darul Ehsan, Malaysia.
Tel: +603-5544 6382 / 6383
Fax: +603-5544 6381
www.sirim-qas.com.my

TEST REPORT

REPORT NO. :	2016MA0221	PAGE:	1 OF 3
This Test Report refers only to samples submitted by the applicant to SIRIM QAS International Sdn. Bhd. and tested by SIRIM QAS International Sdn. Bhd. This Test Report shall not be reproduced, except in full and shall not be used for any purpose by any means or forms (including but not limited to advertising purposes) without written approval from Managing Director, SIRIM QAS International Sdn. Bhd. Please refer overleaf of Page 1 for Conditions Relating to the Use of Test Report.			

Applicant : **NEWFLO CORPORATION SDN. BHD. (291653-X)**
No. 4 Jalan Balakong Jaya 4, Taman Industri Balakong Jaya,
43300 Selangor Darul Ehsan.

Manufacturer : **SINPRO (DEZHOU) INDUSTRIES CO. LTD.**
No. 1 Industrial Park Road, Ningjin Town,
Shandong Province, 253400 P.R. China.

Product : 1) AFA Ductile Iron Resilient Gate Valve (PN 25).
2) AFA Check Valve (PN 16).
3) AFA Check Valve (PN 25).
4) AFA Butterfly Valve (PN 25).

Reference Standard/ Method of test : BS EN 12266-1:2012 – Industrial Valves – Testing of Metallic Valves.
Clause A.2 – Shell strength and A.4.2.2 - Obturator strength.

Description of sample/ Description of Test Specimen : Brand: AFA
Size: Refer to page 2 of 3.
No. of sample: 2 pcs each size.

Date Received of Complete Application : 15 MARCH 2016.

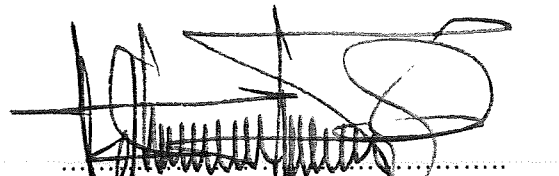
Job No. : J20161390178.

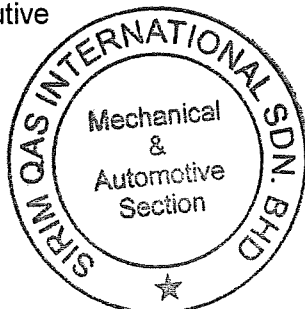
Description of Test Results/ Overall Test Result : This test report covers only test clauses as requested by Applicant to SIRIM QAS International Sdn. Bhd. The test results for the submitted test samples as described in this test report complied with the requirements of the above reference standard.

Issued date : 06 APR 2016

Approved Signatory


.....
(MOHD AZLAN BIN MUSTAFFA)
Senior Testing Executive


.....
(MOHD FAIZAR BIN MUSTAFFA)
Head
Mechanical & Automotive Section (MAST)
Testing Services Department



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Test result.

Test sample: AFA Check Valve (PN 25).

No.	Size (DN)	Pressure	Duration	Pressure	Duration	Results
		Body		Seat		
1.	DN 50	37.5 bar	10 minutes	27.5 bar	10 minutes	Pass.
2.	DN 65	37.5 bar	10 minutes	27.5 bar	10 minutes	Pass.
3.	DN 80	37.5 bar	10 minutes	27.5 bar	10 minutes	Pass.
4.	DN 100	37.5 bar	10 minutes	27.5 bar	10 minutes	Pass.
5.	DN 125	37.5 bar	10 minutes	27.5 bar	10 minutes	Pass.
6.	DN 150	37.5 bar	10 minutes	27.5 bar	10 minutes	Pass.
7.	DN 200	37.5 bar	10 minutes	27.5 bar	10 minutes	Pass.
8.	DN 250	37.5 bar	10 minutes	27.5 bar	10 minutes	Pass.
9.	DN 300	37.5 bar	10 minutes	27.5 bar	10 minutes	Pass.

*Note : One direction flow designed Check Valve.

Test sample: AFA Butterfly Valve (PN 25).

No.	Size (DN)	Pressure	Duration	Pressure	Duration	Results
		Body		Seat, both sides		
1.	DN 50	37.5 bar	10 minutes	27.5 bar	10 minutes	Pass.
2.	DN 65	37.5 bar	10 minutes	27.5 bar	10 minutes	Pass.
3.	DN 80	37.5 bar	10 minutes	27.5 bar	10 minutes	Pass.
4.	DN 100	37.5 bar	10 minutes	27.5 bar	10 minutes	Pass.
5.	DN 125	37.5 bar	10 minutes	27.5 bar	10 minutes	Pass.
6.	DN 150	37.5 bar	10 minutes	27.5 bar	10 minutes	Pass.
7.	DN 200	37.5 bar	10 minutes	27.5 bar	10 minutes	Pass.
8.	DN 250	37.5 bar	10 minutes	27.5 bar	10 minutes	Pass.
9.	DN 300	37.5 bar	10 minutes	27.5 bar	10 minutes	Pass.

