



**SIRIM QAS International Sdn. Bhd.** (410334-X)  
No.1, Persiaran Dato' Menteri, P.O.BOX 7035, Section 2,  
40700 Shah Alam, Selangor Darul Ehsan, Malaysia  
Tel: 03-55445805  
Fax: 03-55446381  
www.sirim-qas.com.my

### TEST REPORT

REPORT NO : 2019MA0045

PAGE : 1 OF 5

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 the Managing Director, SIRIM QAS International Sdn. Bhd. Please refer the last page for Conditions Relating to the Use of Test Report.

#### THIS TEST REPORT IS ISSUED IN SECURED PDF SOFTCOPY

Applicant : NEWFLO CORPORATION SDN. BHD  
No. 4 & 6, Jalan Balakong Jaya 4,  
Taman Industri Balakong Jaya,  
43300 Shah Alam,  
Selangor, Malaysia.

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

Product : SILENT CHECK VALVE

Reference Standard / Method of Test : Manufacturer's Specification – Pressure Test.

Description of sample / Description of Test Specimen : Brand: AFA.  
Model: FIG 98.  
Type: Flange.  
Rating: PN 16.  
Size: DN 50, DN 65, DN 80, DN 100, DN 150, DN 200 and DN 250 and DN 300.

Date Received of Complete Application : 27 December 2018

Job No. : J20181391022

Description of Test Results / Overall Test Result : The submitted test samples as describe in this test report complied with the requirement of the above standard.

Issued Date : 15 January 2019

Approved Signatories;

(MOHD RASHIDI BIN BATCHA)  
Testing Executive



(MOHD FAIZAR BIN MUSTAFA)  
Head  
Mechanical & Automotive Section  
Testing Services Department

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 the Managing Director, SIRIM QAS International Sdn. Bhd. Please refer the last page for Conditions Relating to the Use of Test Report.



Figure 1: Photograph of test sample AFA Silent Check Valve DN 50.

Size (DN)	Pressure	Duration	Pressure	Duration	Results
	Body		Seat		
DN 50	24 bar	10 minute	17.6 bar	10 minute	Pass.



Figure 2: Photograph of test sample AFA Silent Check Valve DN 65.

Size (DN)	Pressure	Duration	Pressure	Duration	Results
	Body		Seat		
DN 65	24 bar	10 minute	17.6 bar	10 minute	Pass.



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 the Managing Director, SIRIM QAS International Sdn. Bhd. Please refer the last page for Conditions Relating to the Use of Test Report.



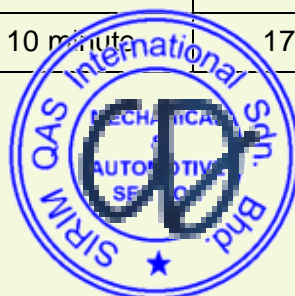
Figure 3: Photograph of test sample AFA Silent Check Valve DN 80.

Size (DN)	Pressure	Duration	Pressure	Duration	Results
	Body		Seat		
DN 80	24 bar	10 minute	17.6 bar	10 minute	Pass.



Figure 4: Photograph of test sample AFA Silent Check Valve DN 100.

Size (DN)	Pressure	Duration	Pressure	Duration	Results
	Body		Seat		
DN 100	24 bar	10 minute	17.6 bar	10 minute	Pass.





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 the Managing Director, SIRIM QAS International Sdn. Bhd. Please refer the last page for Conditions Relating to the Use of Test Report.



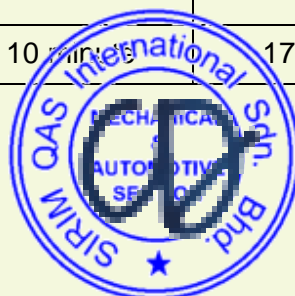
Figure 5: Photograph of test sample AFA Silent Check Valve DN 150.

Size (DN)	Pressure	Duration	Pressure	Duration	Results
	Body		Seat		
DN 150	24 bar	10 minute	17.6 bar	10 minute	Pass.



Figure 6: Photograph of test sample AFA Silent Check Valve DN 200.

Size (DN)	Pressure	Duration	Pressure	Duration	Results
	Body		Seat		
DN 200	24 bar	10 minute	17.6 bar	10 minute	Pass.



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 the Managing Director, SIRIM QAS International Sdn. Bhd. Please refer the last page for Conditions Relating to the Use of Test Report.



Figure 7: Photograph of test sample AFA Silent Check Valve DN 250.

Size (DN)	Pressure	Duration	Pressure	Duration	Results
	Body		Seat		
DN 250	24 bar	10 minute	17.6 bar	10 minute	Pass.



Figure 7: Photograph of test sample AFA Silent Check Valve DN 300.

No.	Size (DN)	Pressure	Duration	Pressure	Duration	Results
		Body		Seat		
1.	DN 300	24 bar	10 minute	17.6 bar	10 minute	Pass.





## CONDITIONS RELATING TO THE USE OF SIRIM QAS INTERNATIONAL TEST REPORT

1. A Test Report will be issued in respect of Testing Services conducted and shall relate only to the Sample actually tested. SIRIM QAS International makes no warranty whatsoever and the Applicant shall not represent in any manner that any duplication or mass production of the Product is same as the Sample actually tested or that SIRIM QAS International has tested any of the duplicated or mass produced Product.
2. The Test Report shall not be amended, changed, varied or modified in any manner whatsoever by the Applicant or otherwise.
3. If the Test Report is to be furnished to any third party or to the public, each such Test Report shall be furnished in full, legible and in its entirety.
4. The Test Report shall not be reproduced and shall not in any event be used for any advertising purposes or whatsoever without written approval from the Managing Director of SIRIM QAS International of No 1, Persiaran Dato' Menteri, Building 8, Section 2, P.O. Box 7035, 40700 Shah Alam, Selangor Darul Ehsan.
5. Customer (Applicant/Manufacture/Factory, etc.) is not permitted to use any SIRIM QAS International, SIRIM or other SIRIM's subsidiaries logo or words on packaging, sample's manual, technical specification, brochures/flyers or any other means without the prior written approval from the Managing Director of SIRIM QAS International.
6. If such approval is obtained from the Managing Director of SIRIM QAS International, the Applicant may only include the phrase, "A sample of this product has been tested by SIRIM QAS International ... (Test Report No) ... (dated) .... (for what test) ... (to which standard)" or such similar words which stress that only the Sample was actually tested. This phrase shall only be used for the purpose of product advertisement or product promotion (eg; brochures). For avoidance of doubt, the statement shall not be used on the sample and packaging of the sample.
7. In the event there is an investigation from a Government Regulatory Agency concerning the Applicant's Test Report, SIRIM QAS International may disclose the information pertaining to the Test Report for purposes of such investigation.
8. Further or in the alternative, it is strictly forbidden unless with prior written approval from the Managing Director of SIRIM QAS International, to represent in any manner whatsoever that SIRIM QAS International, SIRIM and/or other SIRIM's subsidiaries has endorsed, approved or validated the Product of the Applicant in any manner whatsoever.
9. In the event the Applicant is found in breach of this provision, SIRIM QAS International, SIRIM and/or other SIRIM's subsidiaries without prejudice to any other rights and remedies may take whatever action necessary including but not limited to:
  - a) Informing and placing a notice in the media;
  - b) Obtaining an injunction from Court (cost on a solicitor-client basis to be borne by the Applicant);
  - c) Refusing to accept any further Product for Testing Services from the Applicant or whosoever related to the Applicant, whether subsidiary or otherwise;
  - d) Instructing the Applicant to withdraw and recall the advertisement, statement or document in question and advertise a clarification and apology to SIRIM QAS International, SIRIM and/or other SIRIM's subsidiaries twice in a national publication of SIRIM QAS International's choice at the Applicant's sole cost; and
  - e) Informing or lodging a report pertaining the Applicant's Test Report with the relevant authorities.
10. Certified true copies of the Test Report may be issued upon request by the Applicant upon payment of the relevant fee.
11. Corrections to test report shall only be allowed within 6 months from issuance date of the test report and shall be limited to maximum 3 times, after either case whichever occurs earlier, a new test report shall be issued and replace the previous one (having error(s) or lack of information). Issuance of Supplementary Report to the original Test Report shall be for the followings;
  - a) Misprints and typo errors
  - b) Missing technical information
  - c) Test data not reported
  - d) Mistake in reporting of test data