



SIRIM QAS International Sdn. Bhd. (410334-X)
No. 1, Perstarian Dato' Menteri, Section 2, P.O. Box 7035,
40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Tel: 03-55445854/5856
Fax: 03-55445886
www.sirim-qas.com.my

TEST REPORT

REPORT NO : 2016CB1827	PAGE : 1 OF 8
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 overleaf of Page 1 for Conditions Relating to the Use of Test Report.	

Applicant : HAIHANG INSTRUMENT & DEVICES
15, Jalan 11/108C,
Taman Sungai Besi,
57100 Kuala Lumpur.

Manufacturer : LUZHOU QIYE FASTENING DEVICES CO. LTD.
Sichuan Provice, China

Product : Shooting Nail

Reference Standard/
Method of test : ASTM B 117 : 1997 – Standard Method of Salt Spray (FOG) Testing
- Salt Spray Test for 48 hours

Description of sample : Nine (9) samples of Shooting Nail were received for testing.
Marking : 1) N32x3
2) N38x3
3) N44x3

Date Received of
Complete Application : 06th October 2016

Job No./Ref. No. : J20161431592/SQAS/CCST/T.REC/MSL/03

Description of test
results : The test results for the submitted test samples are described in Page 2
to Page 8 of this test report.

Issued date : 21 OCT 2016

Approved Signatory


.....
(NORAZLAN ROSLAN)
(Testing Executive)




.....
(YM RAJA NOR SIHA RAJA ABD. HANAN)
Head
Civil & Construction Section
Testing Services Department

REPORT NO : 2016CB1827

PAGE : 2 OF 8

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 overleaf of Page 1 for Conditions Relating to the Use of Test Report.

Specification : ASTM B 117 : 1997 – Standard Method of Salt Spray (FOG) Testing.
- Salt Spray Test for 48 hours

Test : Salt Spray Test

Duration of Test : 48 hours

Operating Temperature : $35 \pm 1.1^{\circ}\text{C}$

Operating pressure : 20 ± 2 psi (1.4 ± 0.1 kgf/cm²)

Salt Solution : 50 gm of Sodium Chloride (NaCl) dissolved in 950 gm of distilled water.

pH of Salt Solution : 6.5 – 7.2

Cleaning of Sample : **Before Test**
The samples were cleaned with clean tap water

: **After Test**
Refer to each sample observation and remarks

Date of Test Start : 07 October 2016

These SIRIM Test Reports ARE ONLY
Applicable to 5/16" and 3/8" threads
NOT Applicable To 8mm and 10mm threads
These Test Report property are belongs to Haihang Instrument & Devices

21 OCT 2016



REPORT NO : 2016CB1827

PAGE : 3 OF 8

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 overleaf of Page 1 for Conditions Relating to the Use of Test Report.

TEST RESULTS : NEUTRAL SALT SPRAY

SAMPLE REFERENCE	OBSERVATION
SHOOTING NAIL N32x3	The sample was free from any stain and rust before test. (see photo 1.0)
	Spots of white rust were appeared on on samples after test at 24 hours (refer photo 1.1)
	Spots of white rust were appeared on on samples after test at 48 hours (refer photo 1.2)



Photo 1.0 : Shows sample Shooting Nail N32x3 before test (0 hour)

21 OCT 2016



[Signature]

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 overleaf of Page 1 for Conditions Relating to the Use of Test Report.



Photo 1.1 : Shows sample Shooting Nail N32 x3 after test (24 hours)



Photo 1.2 : Shows sample Shooting Nail N32x3 after test (48 hours)

These SIRIM Test Report ARE ONLY
Applicable to 5/16" and 3/8" threads
NOT Applicable To 8mm and 10mm threads
These Test Reports are applicable to Halhang Instrument & Devices

21 OCT 2016

[Signature] [Circular Stamp: SIRIM QAS INTERNATIONAL Sdn. Bhd. Quality & Construction Section]

REPORT NO : 2016CB1827	PAGE : 5 OF 8
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 overleaf of Page 1 for Conditions Relating to the Use of Test Report.	

TEST RESULTS : NEUTRAL SALT SPRAY

SAMPLE REFERENCE	OBSERVATION
SHOOTING NAIL N38x3	The sample was free from any stain and rust before test. (see photo 2.0)
	Spots of white rust were appeared on on samples after test at 24 hours (refer photo 2.1)
	Spots of white rust were appeared on on samples after test at 48 hours (refer photo 2.2)

These SIRIM Test Report ARE ONLY
 Applicable to 5/16" and 3/8" threads
 NOT Applicable To 8mm and 10mm threads
 These Test Report property belongs to SIRIM Instrument & Devices



Photo 2.0 : Shows sample Shooting Nail N38x3 before test (0 hour)

21 OCT 2015

		
--	---	---

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 overleaf of Page 1 for Conditions Relating to the Use of Test Report.



Photo 2.1 : Shows sample Shooting Nail N38x3 after test (24 hours)



Photo 2.2 : Shows sample Shooting Nail N38x3 after test (48 hours)

These SIRIM Test Report ARE ONLY
Applicable to 5/16" and 3/8" threads
NOT Applicable to 8mm and 10mm threads
These Test Reports are the property of SIRIM QAS International Sdn. Bhd. and its subsidiaries. All rights reserved.

21 OCT 2016

[Signature] [Circular Stamp: SIRIM QAS INTERNATIONAL Sdn. Bhd. & Construction Division]

REPORT NO : 2016CB1827

PAGE : 7 OF 8

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 overleaf of Page 1 for Conditions Relating to the Use of Test Report.

TEST RESULTS : NEUTRAL SALT SPRAY

SAMPLE REFERENCE	OBSERVATION
SHOOTING NAIL N44x3	The sample was free from any stain and rust before test. (see photo 3.0)
	No white and red rust observed on samples after test at 24 hours (refer photo 3.1)
	Spots of white rust were appeared on on samples after test at 48 hours (refer photo 3.2)



Photo 3.0 : Shows sample Shooting Nail N44x3 before test (0 hour)

21 OCT 2016

[Signature] [Circular Stamp: SIRIM QAS INTERNATIONAL]

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 overleaf of Page 1 for Conditions Relating to the Use of Test Report.



Photo 3.1 : Shows sample Shooting Nail N44x3 after test (24 hours)



Photo 3.2 : Shows sample Shooting Nail N44x3 after test (48 hours)

These SIRIM Test Report ARE ONLY
Applicable to 5/16" and 3/8" threads
NOT Applicable to 8mm and 10mm threads
These Test Report are prepared by SIRIM QAS International Sdn. Bhd. using Instrument & Devices

21 OCT 2016


