



SIRIM QAS International Sdn.Bhd. (410334-X)  
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## TEST REPORT

REPORT NO.: 2019EA1707-M1

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

Applicant : NONFEROUS METALCAST SDN. BHD  
LOT PT 3963, BATU KARANG  
31900 KAMPAR  
PERAK

Manufacturer : NONFEROUS METALCAST SDN. BHD  
LOT PT 3963, BATU KARANG  
31900 KAMPAR  
PERAK

Product : RIGID ALUMINIUM CONDUIT FITTING FOR CABLE MANAGEMENT

Reference Standard / : MS IEC 61386 - 21: 2010  
Method of test

Description of sample : Brand Name : NMC®  
Model / Size : (See page 2)  
Ø 20 mm & Ø 25 mm  
Classification : -

Date received : 23 DECEMBER. 2019

Job No./Ref. No. : J20191421842

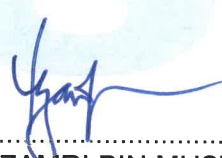
Overall test result : **COMPLIED (see page 2 for details)**

Issue date : 03 JANUARY 2020

Approved Signatories:

  
(DANIAL NAIM BIN MAT RASHID)  
Testing Executive



  
(M.ZAMRI BIN MUSTAFFA)  
Head  
Electrical & Electronic 1 Section  
Testing Services Department

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**SUMMARY OF TESTS:**

1. This is a modification test report as requested by the applicant.
2. This test report shall be read in conjunction with type test report number 2019EA1707 dated 08 NOVEMBER 2019.
3. This original test report no. 2019EA1707 dated 08 NOVEMBER 2019 was modified due to change of brand name on (Page: 1 OF 14 and Page: 4 OF 14). Old brand name was " NMC ".

**SUMMARY OF RESULT/S:**

1. This is administrative modification and no test is conducted.

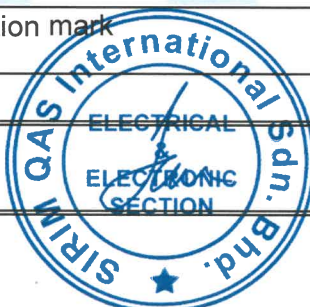
**ADDITIONAL INFORMATION:**

1. Tested by: Danial Naim bin Mat Rashid
2. Checked by: Mohamad Asnan Bin Ahmad
3. Date of test sample(s) received;
  - a) 1<sup>st</sup> submission: 23 DECEMBER. 2019
  - b) 2<sup>nd</sup> submission:



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Clause	Requirement	Remark	Results
<b>4</b>	<b>General requirements</b>		
4.1	Conduit and conduit fittings shall be designed and constructed to provide;		Pass
	- Mechanical protection for the cable inside		Pass
	- Electrical protection		Pass
4.2	The mfg shall give instructions on how to install the system to comply with this standard.		NA
<b>5</b>	<b>General conditions for tests</b>		
	Conduit are classified the same type if only varies in the colour.		NA
	Test are carried out at $(25 \pm 5)^{\circ}\text{C}$		Pass
	Test shall be carried out on three new samples		Pass
<b>6</b>	<b>Classification</b> Note: The sequence of the following sub clauses is based on numerals marked on sample (in order) in accordance to requirement of clause 6 and annex A of this standard.		NA
6.1	According to mechanical properties		Pass
6.1.1	Resistance to compression ( $X_1$ )	Not marked on sample	NA
6.1.2	Resistance to impact ( $X_2$ )		NA
6.2.1	Lower temperature range ( $X_3$ )		NA
6.2.2	Upper temperature range ( $X_4$ )		NA
6.1.3	Resistance to bending ( $X_5$ )		NA
6.3	Electrical characteristics ( $X_6$ )		NA
6.4.1	Protection against ingress of solid object ( $X_7$ )		NA
6.4.2	Protection against ingress of water ( $X_8$ )		NA
6.4.3	Resistance against corrosion ( $X_9$ )		NA
6.1.4	Tensile strength ( $X_{10}$ )		NA
6.5	According to resistance to flame propagation ( $X_{11}$ )		NA
6.1.5	Suspended load capacity ( $X_{12}$ )		NA
<b>7</b>	<b>Marking and documentation</b>		
7.1	Each conduit shall be marked with		Pass
	- Manufacturer's name	NMC <sup>®</sup>	Pass
	- Product identification mark	NMC <sup>®</sup>	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