

Test Report No. 7191263929-MEC21/01B-LJY
dated 07 OCT 2021



PSB Singapore

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SUBJECT:

Testing on uPVC pipe

TESTED FOR:

SNOW PTE LTD
15A Tuas Avenue 18
#03-01 & #04-01
Singapore 638905


Attn : Mr Huang Sheng Jie

TEST METHOD:

SS 272 : 2012 Specification for Unplasticised PVC pipes and fittings below ground for drainlines and sewers

SAMPLE DESCRIPTION:



The following nominal size of uPVC pipe (Brand: SNOW) was submitted for testing on 10 September 2021.

Nominal Size	Tests Conducted	Painted markings on uPVC pipes submitted
160mm dia	1. Dimensional Measurements 2. Heat Reversion 3. Impact Test 4. Hydrostatic Pressure	

TEST LOCATION:

TÜV SÜD PSB Pte Ltd
60 Tuas South Street 1
Singapore 639925



		LA-2007-0380-A LA-2007-0381-F LA-2007-0382-B LA-2007-0383-G LA-2007-0384-G LA-2007-0385-E	LA-2007-0386-C LA-2010-0464-D LA-2018-0702-B LA-2018-0703-G LA-2020-0747-L	The results reported herein have been performed in accordance with the terms of accreditation under the Singapore Accreditation Council. Inspections/Calibrations/Tests marked "Not SAC-SINGLAS Accredited" in this Report are not included in the SAC-SINGLAS Accreditation Schedule for our inspection body/laboratory.
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Singapore 609937
TUV®



DATE OF TEST:

29 September & 02 October 2021

TEST RESULTS:

Table 1: Dimensional Measurements

Nominal diameter		160mm				SS 272 : 2012 Clause 6.3, Table 1 Requirements
						160mm
Mean outside diameter (mm)		160.2				Min. 160.0, Max. 160.5
Wall thickness (mm)	Readings	4.5	4.5	4.1	4.3	Min. 4.0, Max. 4.5
	Average	4.4				

Table 2: Heat Reversion Test

Nominal Diameter	160mm	SS 272 : 2012 Clause 11.1.4, Annex E Requirements
Percentage change in length (%)	4 (Comply)	Maximum 5%

Table 3: Impact Test

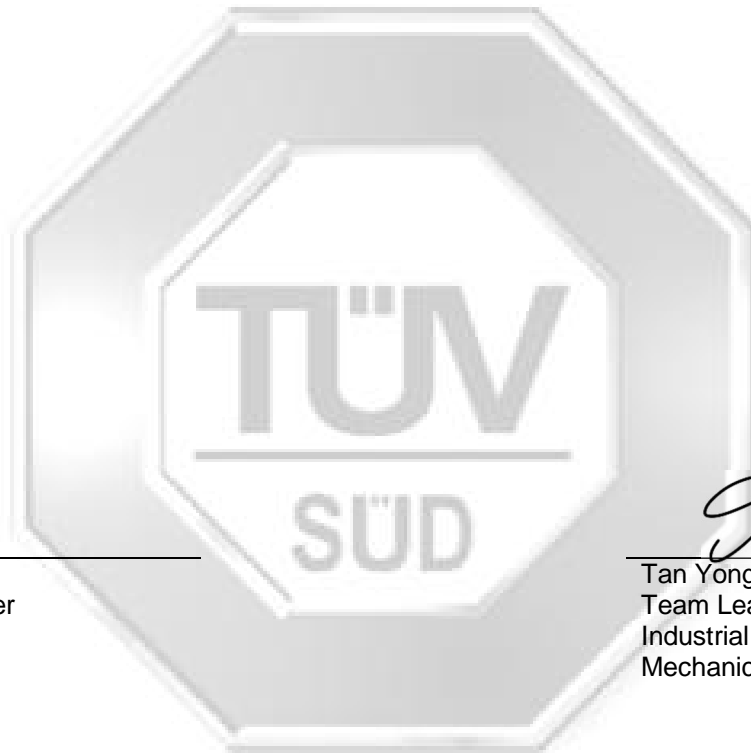
Nominal Diameter	160mm	SS 272 : 2012 Clause 11.1.5, Annex F Requirements
Results	Comply (No failure was observed on the first 14 strikes)	If the first 14 strikes are made without failures, the pipes shall be deemed to have passed the test.



TEST RESULTS: (Cont'd)

Table 4: Hydrostatic Pressure

Nominal Diameter	160mm	SS 272 : 2012 Clause 11.1.6, Annex G Requirements
Pressure of 70KPa	Comply	Shall have no leak



Lim Jia Yi
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Tan Yong Xiang
Team Leader
Industrial Group
Mechanical Centre

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Effective 26 January 2021

