



TEST REPORT 2221481-OYC

Date 07 APR 2022

Singapore Test Lab Pte Ltd, 10B Enterprise Road, Singapore 629828, Tel: +65 6353 6393, Fax: +65 6353 6395

SUBJECT:

Testing of 'SNOW' Gully Set (Floor Trap) with grating submitted by Snow Pte Ltd

TESTED FOR:

Snow Pte Ltd
15A Tuas Ave 18, #03-01,
Singapore 638905

Attn: Mr Steven Eu

SAMPLE RECEIVED DATE:

31 Mar 2022

TEST DATE:

01 Apr 2022

METHOD OF TEST:

BS EN 1253-1: 2015 – Gullies for buildings
Part 1: Trapped floor gullies with a depth water seal of at least 50mm

SAMPLE DESCRIPTION:

3 pieces of "SNOW" brand Gully Set (Shallow floor Trap) with grating were received (see photo 1 and 2). The descriptions are as follow:

Sample Reference	Model No	Markings
'SNOW' Gully Set	G-150E	SNOW BS EN 1253 SS213 AS/NZS 1260 SFT1007550N
Shallow floor trap		SNOW SS213 BS 4514 AS 1415 FT150OCT

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TEST RESULTS:**Table 1 – Depth of water seal**

Test	Results	BS EN 1253-1: 2015 Requirements
Depth of water seal (mm)	55	Min. 50mm

Table 2 – Resistance of water seal to pressure

Test	Results	BS EN 1253-1: 2015 Requirement
Pressure just causes passage of air (Pa)	430	>400Pa

Table 3 – Access for cleaning

Test	Results	BS EN 1253-1: 2015 Requirements
Opening for mechanical cleaning of trapped gully (mm)	35	≥32mm

Table 4 – Self-cleansing capacity

Test	Results	BS EN 1253-1: 2015 Requirements
Self-cleansing capacity	N.A.	Self-cleansing capacity

Note: Only applicable if it does not have an access for cleaning.

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TEST RESULTS (CONT'D):

Table 5 – Anti-blockage

Test	Results	BS EN 1253-1: 2015 Requirements
Pass 8mm diameter ball through the gully	No clogging	Capable of accommodating the passage of a 8mm diameter ball

Table 6 – Side inlet

Test	Results	BS EN 1253-1: 2015 Requirements
Type of side inlet	Type I	Position of side inlet

Table 7 – Odour-tightness

Test	Results	BS EN 1253-1: 2015 Requirements
Apply air pressure of 200 Pa through the outlet and check the pressure after 15 min	No pressure drop	No pressure drop after 15min

Table 8 – Watertightness for gully bodies

Test	Results	BS EN 1253-1: 2015 Requirements
Apply hydrostatic pressure from 0 kPa to 10 kPa and hold for 15 min	No leakage	No leakage after 15 min

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TEST RESULTS (CONT'D):

Table 9 – Flow rate

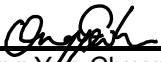
Test	Results	BS EN 1253-1: 2015 Requirements
Flow rate when head of water is 20mm above the grating (l/s)	1.1	≥ 0.8 l/s
Flow rate when water rise just above the grating (l/s)	0.82	≥ 0.8 l/s




Photo 1 – Gully with grating for flow rate test



Photo 2 – Gully set


 Ong Yee Chuan
 Testing Officer


 Chua Peck Cheong
 Senior Manager

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