



PSB Singapore

TÜV SÜD PSB Pte Ltd - 1 Science Park Drive, Singapore 118221

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SUMMARY OF TEST REPORTS FOR:

Higa Trading Pte Ltd
Blk 1020, Tai Seng Avenue
#01-3504 Tai Seng Industrial Estate
Singapore 534416
Attn : Mr Peter Wong

Your reference / letter of	Our reference / name	Tel. extension / e-mail	Fax extension	Date	Page
-	Lee Ngiap Boon	+6568851436	+65 7793903	22 July 2014	1/2

Subject : BS EN 21003 as per PUB's requirements

Product : Multilayer pipes and fittings

Size: 16,20,25,32,40mm

Brand: "COCOMECH" Brand Multilayer pipes and "COCOON" Brand associated fittings

The Multilayer pipes and fittings as submitted were tested and found to be in compliance to the requirements stipulated by PUB as listed in details below:

Test Standard	Test	Test Report
ISO 21003-2008 Part 2,3 & 5	Appearance Opacity Pipe dimensions Pressure strength test Thermal durability test Strength of weld line Delamination test Oxygen permeability test Physical and chemical properties Marking Thermal stability Opacity Apperance Dimensions Sealing element test Visual inspection on marking Internal pressure test Bending test Pull out test Thermal cyclic test Pressure cyclic test Leaktightness under vacuum	7191065687-MEC13/01 - 05/LNB

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ISO 9080	Long Term Testing	7191065687-MEC13/04/LNB
SS375:2001	Water Effect	7191065687-CHM13-A&B-LYP
AS/NZS 4020:2005	Metal Toxicity	7191065687-CHM13-EO
BS EN 12165:2011	Chemical	7191065687-CHM13-KPF
BS EN 12165:2011	DZR	7191065687-MEC13-SBT
SS270:1996	Rubber	S09MEC03886/2/LNB

A handwritten signature in blue ink, appearing to read 'Lee Ngai Boon', written over a horizontal line.

Lee Ngai Boon
Senior Associate Engineer
Industrial Group
Mechanical Centre

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