

Auditing Test Report

Date:

10/01/2024

Report No.: SA13-4043/6

Client

Sampling Date:

06/01/2024

Saudi Vitrified Clay Pipe Co.

P.O. Box 6415

Test Date:

07/01/2024

Riyadh 11442

Kingdom of Saudi Arabia

Auditing Purpose:

Testing of Perforated Vitrified Clay Pipes jointed by system C according to EN 295-5:2013

Size Description:

Nominal Size:

DN 400 SS * 2000 mm Half Perforated

Jointing System:

System C

Class:

120

Description of Sampling

Samples were collected randomly from the stock at the client's manufacturing works in Riyadh (Kingdom of Saudi Arabia) by the agent of the Suhaimi - Fugro

Underlying specification /description of the tests

EN 295-1:2013

"Vitrified clay pipe systems for drains and sewers - Part 1: Requirements for pipes, fittings & joints"

EN 295-5:2013

"Vitrified clay pipe systems for drains and sewers - Part 5: Requirements for pipes & fittings"

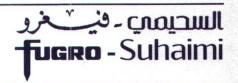
EN 295-2:2013

"Vitrified clay pipe systems for drains and sewers - Part 2: Evaluation of conformity and sampling"

EN 295-3:2012

"Vitrified clay pipe systems for drains and sewers - Part 3: Test Methods





Test Results of DN 400 SS HP

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	Test Type	Unit	Sample 1	Sample 2	Sample 3	Req.	Result
Pipes	Marking (visual Inspection)	-	√	1	✓	/	1
	Crushing Strength	KN/m	73	71	77	≥ 64	~
	Internal Barrel Diameter "D1"	mm	403	402	401	≥ 390	1
	Length	mm	2008	2010	2015	2000 +5% -2%	1
	Deviation from Straightness	mm	1.8	1.5	1.6	< 4.0	~
	Perforation Area	mm²/m		10215.2		≥ 1200	1
	Water Absorption	%	3.1	3.4	3.6	≤6%	-
Joint Assembly	Joint Interchangeability	mm	483.7	483.6	483.7	483.5 ± 0.5	147
	Continuity of Invert	mm	3.4	3.2	3.2	≤4	1

FUGRO - SUHAIMI LTD

Mohammad Afaq

