

Auditing Test Report

Date:

10/01/2024

Report No.: SA13-4043/2

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 F according to EN 295-5:2013

Size Description:

Nominal Size:

DN 100 * 1000 mm Half Perforated

Jointing System:

System F

Class:

34 KN/m

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 perforated pipes &

fittings"

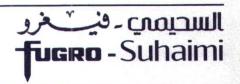
EN 295-2:2013

"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 100 HP

Report No.: SA13-4043/2

	Test Type	Unit	Sample 1	Sample 2	Sample 3	Req.	Result
	Marking (visual Inspection)	-	1	✓	✓	1	/
	Crushing Strength	KN/m	35	36	37	≥ 34	/
S	Internal Barrel Diameter "D1"	mm	101	102	99	≥ 96	1
Pipes	Length	mm	1005	1002	1001	1000 +5% -2%	-
	Deviation from Straightness	mm	5.3	5.2	5.1	< 6.0	1
	Perforation Area	mm²/m		6280		≥ 300	1
	Water Absorption	%	1.8	1.1	1.2	≤6%	1
nt nbly	Joint Interchangeability	mm	132.2	131.2	131.8	131 ± 1.5	· ·
Joint Assembly	Continuity of Invert	mm	3.2	3.3	3.2	≤4	1

FUGRO - SUHAIMI LTD

Mohammad Afaq

