

COMPRESSIVE STRENGTH TESTING OF CONCRETE CORES

TEST REPORT

SANS 5865:1994 Edition 2

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Customer: Waarrior Coring

Site/Project: National Health Laboratory, Roof Slab

Date cored: 06/09/2019

Order No:

Report Ref: BLC8004/19

Date: 13/09/2019

Date received: 11/09/2019

	Age Length Diameter					Orientation Customer Length Length Voids Mass Are						Date received. 11/09/2019				
loto Coot	Data tastad	10-10-10-10-10-10-10-10-10-10-10-10-10-1					Length	•	Voids	Mass	Area	Load	Strength		Adjustment	
Jale Cast	Date tested	Days	Drilled mm	mm	drilled V/H	Core Reference	cut mm	capped mm	factor	g	mm ²	KN	Мра	for reinforcing	for voids	DENSITY
	13/09/2019		100	74		CORE 1	67.47	74.45	1.04	730	4301	223.9	52.1	52.1	54.1	2.516
								1								

NOTE: Deviation from test method- CONTENT CAPPING was used for the capping of the cares tested. Results recorded to the page of 1MPs and not rounded off to 0.5MPs

Condition received: Dry

The second of the capping of the cores tested. Results recorded to the hearest of the real and not rounded on to 0.5 mpa										
	Voids content -	correction factor;		Comment: Where the adjustment for reinforcing						
14.4.3.1 If the average core strength is at least 80% of the specified strength and no single	0% = 1.0	2.0% = 1.18	4.0% = 1.39	is equel to the compressive strength (Mpa)						
core strength is less than 70% of the specified strength the concrete will be accepted	0.5% = 1.04	2.5% = 1.23	4.5% = 1.45	no reinforcing was present in the core.						
14.4.3.2 If an individual core strength is less than 70% of the specified strength, re-core	1.0% = 1.08	3.0% = 1.28	5.0% = 1.51							
to investigate.	1.5% = 1.13	3.5% = 1.33								

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A.D.R. de Kóck

WTI 5.8.19 Rev 01 Eff. Date: 11-06-2012

A Foundation of Precision

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Compiled by

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