

Concrete Test Report

Report No: **CON:95103**

Issue No: **4**

This issue replaces all previous issues of CON:95103.

Client: Antoun Civil Engineering Pty. Ltd.
 19-21 Cann Street
 GUILDFORD NSW 2161
 Australia

Project: Sydney Airport.

Supplier: Site Mix



This document is issued in accordance with NATA's accreditation requirements.

NATA Accredited Laboratory Number: 844
 Approved Signatory: Oussama El-Hamawi

Date of Issue: 10.12.12
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COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS

Details of Sampled Concrete

Concrete Specimens and Results

Date & Time Ex Plant Load / Prog. Load	Truck No Time Sampled BatchNo	Plant Name Docket No Product Code	Grade(MPa) Agg(mm) Slump (mm) Meas Slump (mm) Compa	Specimen Ident.	Dimensions (mm) Ave. Diameter Height	Initial Curing (hrs)	Std Curing (days)	Type of Cap	Date of Test	Age (days)	Strength (MPa)	Mark	Fail Mode	Location & Remarks
03.12.11 03:00	03:15	Site Mix		95103\1	100.2 201	27	0	S	03.12.11	0	12.5	N	N	Bay 84. Taxiway A1. Note: Specimen 1 tested @ age 3 hrs, specimen 2 @ age 24 hrs.
			100	95103\2	100.1 201		0	S	04.12.11	1	45.0	N	N	
			V	95103\3	99.7 200		2	S	06.12.11	3	52.0	N	N	
				95103\4	99.9 199		6	S	10.12.11	7	54.5	N	N	
				95103\5	99.8 199		30	S	03.01.12	31	61.5	N	N	
				95103\6	99.5 201		30	S	03.01.12	31	62.5	N	N	
				95103\7	99.6 201		55	S	28.01.12	56	64.0	N	N	
				95103\8	99.9 201		55	S	28.01.12	56	63.5	N	N	
				95103\9	100.5 202		365	S	03.12.12	366	81.5	N	N	
				95103\10			547	S	03.06.13	548		N	N	

Notes

1. Sampling in accordance with AS 1012.1
2. Slump Test in accordance with AS 1012.3.1
3. Compaction by Internal Vibration, AS1012.8.1 Clause 7.4
4. Initial Curing in accordance with AS 1012.8.1 Clause 9.2.2
5. Standard Curing in accordance with AS 1012.8.1 Clause 9.3(a)
6. Capping R - Rubber, S - Sulphur
7. Compressive Strength in accordance with AS 1012.9
8. Moisture Condition SSD unless otherwise stated - AS 1012.12.1

Remarks

Marks: N = Standard moist-curing

Interim Report