

Concrete Test Report

Report No: **CON:95104**

Issue No: **4**

This issue replaces all previous issues of CON:95104.

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
 THIS DOCUMENT SHALL NOT BE REPRODUCED EXCEPT IN FULL.

FLEXURAL STRENGTH OF CONCRETE BEAMS

Details of Sampled Concrete

Concrete Specimens and Results

Date & Time Ex Plant	Truck No Time Sampled BatchNo	Plant Name Docket No Product Code	Grade(Mpa) Agg(mm) Slump (mm) Compa	Specimen Ident.	Average Dimensions (mm) Width Height	Initial Curing (hrs)	Std Curing (days)	Type of Cap	Date of Test	Age (days)	Modulus of Rupture (MPa)	Mark	Fail Mode	Location & Remarks
03.12.11		Site Mix		95104\1	103 100	27	0		03.12.11	0	3.4	N	N	Bay 84. taxiway A1
03:00	03:15		100	95104\2	99 103		0		04.12.11	1	5.1	N	N	Note: Specimen 1 tested @ age 3 hrs, specimen 2 @ age 24 hrs.
			V	95104\3	99 102		2		06.12.11	3	5.6	N	N	
				95104\4	98 104		6		10.12.11	7	5.0	N	N	
				95104\5	99 102		30		03.01.12	31	5.3	N	N	
				95104\6	100 100		30		03.01.12	31	5.9	N	N	
				95104\7	100 100		55		28.01.12	56	5.7	N	N	
				95104\8	103 99		55		28.01.12	56	6.0	N	N	
				95104\9	98 101		365		03.12.12	366	6.1	N	N	
				95104\10			547		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. Initial Curing in accordance with AS 1012.8.1 Clause 9.2.2
4. Standard Curing in accordance with AS 1012.8.1 Clause 9.3(a)
5. Moisture Condition SSD unless otherwise stated - AS 1012.12.1
6. Flexural Compaction by Internal Vibration, AS1012.8.2 Clause 7.4
7. Flexural Strength in accordance with AS 1012.11

Remarks

Interim Report