


Report No: CON:SYDC18W06617

Preliminary Report Issued - Issue No.:1,2,3

Issue No: 4

This report replaces all previous issues of report no 'CON:SYDC18W06617'.

Client:	Volumetric Concrete Australia 7/55 Pine Road Yennora NSW 2161		
Project No.:	754-SYDC00978AA		
Project Name:	FH-M4SM, Colyton		
Project Location:	Reservoir Road		
Lot No.:		TRN:	
Supplier:	Antoun CE		



Accredited for compliance with ISO/IEC 17025 - Testing.

The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.

Signature

Approved Signatory: Sam El-Hamawi
 (Senior Technician)
 NATA Accredited Laboratory Number:431
 Date of Issue: 11/01/2019

FLEXURAL STRENGTH OF CONCRETE BEAMS

Details of Sampled Concrete

Concrete Specimens and Results

Date & Time Batched	Truck No Time Sampled	Plant Code Docket No Mix Code	Grade(MPa) Agg(mm) Slump(mm) Design	Air(%) Compact Measured	Specimen Ident.	Dimensions (mm)		Density (kg/m ³)	Curing Initial Std (hrs) (days)		Type of Cap	Date of Test	Age (days)	Modulus of Rupture (MPa)	Mark	Fail Mode	Location & Remarks
						Avg. Width	Avg. Height										
13/12/18 23:00	vca semi 23:00	3500			53282/01	99.4	102.4	2420	0	14/12/18	3h	4.7	N	N			Sampling AS 1012.1 Cl 6a
				IV	53282/02	100.0	102.8	2400	0	14/12/18	3h	5.1	N	N			Concrete Temp. (°C): 25
			80	90	53282/03	100.0	99.6	2440	3	17/12/18	4	5.6	N	N			Stitch Pour
					53282/04	100.6	102.0	2460	6	20/12/18	7	5.6	N	N			
					53282/05	101.0	100.6	2460	27	10/01/19	28	5.5	N	N			
					53282/06	100.0	101.0	2420	27	10/01/19	28	5.7	N	N			
					53282/07				98	22/03/19	99		N				

Notes

1. Sampling in accordance with AS 1012.1
2. Slump test in accordance with AS 1012.3.1
3. Compaction by vibration, in accordance with AS 1012.8.2 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. Flexural strength in accordance with AS 1012.11
7. Density in accordance with AS 1012.12.1
8. Moisture condition SSD in accordance with AS 1012.12.1, unless otherwise stated

Remarks

Marks: N = Normal
 FailureMode: N = Normal
 Compaction: IV = Internal Vibration,