

Client	Transport for New South Wales		Work Area:
Contract No.#		INSPECTION AND TEST PLAN FOR:	
Contract		R53 Concreting General	Inspection and Test Plan Number / Lot No:
Workplace Name	A183 - New Dubbo Bridge		ITC-04 R53 Concrete for General Works

Legend:	W	= Witness	H = Hold	S = Surveillance	ACPL = Abergeldie			S/C = Subcontractor			
		Document			Frequency/	Inspection – Sign & Date				Verifying Records	
Activity No.# Description		Reference / Applicable Standard	Accentance Criteria				S/C	ACPL	Client		Date
1. M	laterial Compliance										
1.1	Submission of Nominated Mixes	R53 CI 2.4.3	Clause 6.3, submit th	essment carried out in accordance with AS 1379 complying with AS 1379 Clause 6.4.2. Include a ne constituent materials meet the requirement of	Once / 5 working days prior to commencement of production of mix		Н	Н		Mix Design Report	
2. C	construction										
2.1	Notification of Concrete Placing and Finishing	R53 CI 3.3.1	- Expected comple	At least 2 working days prior to the placing of concrete, provide notice of: - Expected completion time of fixing of the formwork and reinforcement (if applicable) and; - Expected commencement date and time of placement of concrete					Н		HP Submission
2.2	Concrete and Air Temperature / Rain	R53 CI 3.3.2 R53 CI 3.3.3	Do not place concrete more than 32C. Do not place concrete Do not place concrete	Once / prior to concrete placement		S	S		Project Quality Plan Pour Record Sheet		
2.3	Placing and Compacting	R53 CI 3.3.4	(d) provide the specif Carry out vibration in compacted.	or loss of materials; iffening; homogeneous product which is magnetic field thickness and surface finish. If a regular and systematic mannetons are used, they must have a magneton for some some surface.	During Placement		S	S		Visual Inspection	

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2.4	Unformed Surface Finish	R53 CI 3.3.6	Finish unformed cond (a) achieve the specif (b) avoid plastic or dr		Ouring Construction		S	S		Visual Inspection		
2.5	Joints	R53 CI 3.3.9	the roughened surfac	Roughen the surface of concrete at construction joints to expose the coarse aggregate. Wash clean the roughened surfaces and projecting reinforcement, and remove all excess water and loose material prior to placing the adjoining concrete.						S		Visual Inspection
2.6	Curing	R53 CI 3.4	Apply curing compound Apply two coats hen rand second coat mus During application, imconcrete surface and	Apply curing compound to unform surfaces immediately after the surface is firm and free of bleed water Apply curing compound at the rate specified by the manufacturer Apply two coats hen necessary to ensure complete and uniform coverage. The time between the first and second coat must be in accordance with the manufacturer's recommendation. During application, implement measures to prevent the curing compound drifting away from the target concrete surface and deposited on adjacent surfaces. Maintain the curing membrane intact until at least seven days have elapsed after concrete placement						S		Project Quality Plan
2.7	Mortar, Grout and Sprayed Concrete	R53 CI 3.6	Notify principal prior t	Notify principal prior to placing of mortar, grout and sprayed concrete.						w		Visual Inspection

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3. C	onformity													
3.1	Sampling and Testing (Concrete)	R53 Cl 4.1.1	Strength: Each grade at a plant that grade produced e	Perform slump tests on each strength sample							s	s		Slump Results Strength Results
3.2	Cracking	R53 CI 4.2	At the end of the curing pe 0.2 mm, measured at the identify them as nonconfor	Once / Prior to Lot Closure		S	S		Crack Map					
3.3	Dimensions and Levels	R53 CI 4.3	Dimensions and levels of the relevant Specification, Drawings or in the relevant Dimensions and levels of extrusion, must be as show Specification.	Once / Prior to Lot Closure		S	S		Survey Report					
	V I													
	Y PROJECT MANA		□ NO Nos:			Closed	Out	YES N	0					
Any non-conformances?				□NO	Closed	Out	I I E O I L I N	U						
Name	s been sausiacionly (ompieteu.	LIILO	Signature			Date							

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