

		D'Aguilar Highway - Wide Centre Line Treatment					Doval Project No.		24 015		Inspection and Test Plan				
							Client Project No.		CN 22433						
		Lot Number		Description	Sprayed Bituminous Surfacing				Date Opened						
									Date Started						
Date Finished															
Location					Control Line		Chainage		-		11.01		MRTS11 May 2022 & MRTS22 July 2020		
No.	Activity Description			Acceptance Criteria & Frequency (Project Specific)		Check Item		Inspection				NCR	Related Lot #		
						Reference		SS/QA		Client/Rep					Date
1	<b>Document Submissions</b> As per Doval Safety Plan, Doval Environmental Management Plan and Traffic Management Plan			Check that proper safety procedures are being followed and environmental controls are in place, including traffic management		Check Item									
2	<b>Traffic and Safety Controls</b> Traffic and safety controls are in place (eg. PPE, daily plant check)			Check traffic & safety controls have been implemented as per plan		Check Item									
3	<b>Construction Procedures</b> The contractor shall documented procedures for all required processes in reference to Clause 5.2 MRTS11 to be submitted not less than 7days, these procedures and ITP shall not be implemented until permission has been granted			Approval		MILESTONE/HOLD POINT									
						Clause 5.2 MRTS11									
4	<b>Seal Design - Binder Substitution</b> The Contractor shall notify the Administrator of the binder class substitution not less than 14 days prior to the commencement of spraying.			Approval		MILESTONE									
						Clause 6.1.2 MRTS11									
5	<b>Seal Design By Principal</b> Testing shall be completed by the Contractor at the test locations and minimum test frequencies detailed in Table 6.2. (Particle Size Distribution, Flakiness Index and Avegrade Least Dimension, Texture Depth and Ball Penetration.) - Test results for the cover aggregate and texture depth has been submiteed at least 7 days - Ball penetration testing has been undertaken in accordance with Table 6.2 and Clause 10.1.2 and passed on to the Administrator on the day of testing. - Spraying shall not commenced until Designed Spray Rate and Designed Spread Rate has been confirmed.			Approval		MILESTONE/HOLD POINT									
						Clause 6.2 MRTS11									
6	<b>Seal Design By Contractor</b> Where the Contractor is nominated to undertake the Seal Design, the Contractor shall inspect each site and shall select inputs and associated design factors. The seal design reports shall include all inputs stipulated in the nominated clause.			Check		Check Item									
						Clause 6.3 MRTS11									
7	<b>Seal Design Report</b> A seal desin report shall be submitted to the Administrator at least 7 days prior to commencing bituminous spraying operations. The Seal Design Report shall include the requirements of Clause 6.3.2 MRTS11.  The Administrator shall have 3 days to consider the seal design report and spraying operations shall not commence until release of the hold point			Approval		MILESTONE/HOLD POINT									
						Clause 6.3.2 MRTS11									
8	<b>Quarry Registration Certificate</b> Cover aggregate shall be supplied by a registered quarry comply with TMR Quarry Registration System. Certificate to be sent to the Administrator 7 days before material supply. Material from a quarry shall neither be supplied,nor used in the Works prior to written permission by the Administrator			Approval		MILESTONE/HOLD POINT									
						Clause 6 MRTS22									

No.	Activity Description	Acceptance Criteria & Frequency (Project Specific)	Check Item	Inspection			NCR	Related Lot #		
			Reference	SS/QA	Client/Rep	Date				
9	<b>Cover Aggregate</b> Cover aggregate shall not be exposed to contaminant agents and to be handle to avoid any contamination / deleterious effects. It shall be protected with a light plastic or similar material to prevent the ingress of moisture and other contaminants.	Visual	WITNESS POINT							
			Clause 8.2 MRTS11							
10	<b>Bituminous Materials</b> Binder shall be delivered to the Works in accordance with Clause 8 MRTS17 Bitumen or Clause 8 of MRTS18 Polymer Modified Binder.  Temperature at delivery to site shall be measured and recorded.	Visual	WITNESS POINT							
			Clause 8.3.1 MRTS11							
11	<b>Bituminous Material Heating</b> Strict controls shall be applied to heating of bituminous material and in accordance to Austroads AP-G41Bitumen Sealing Safety Guide, the heating requirements shall strictly be observed.	Visual	WITNESS POINT							
			Clause 8.3.2 MRTS11							
12	<b>Precoating Agents</b> Cover aggregate shall be precoated with one of the nominated approved products listed in Clause 2 of Annexure MRTS22.1  The Contractor shall submit to the Administrator details of the precoating agent procedures 7 days prior commencing	Check & Verify	MILESTONE							
			Clause 7.1.4 MRTS22							
13	<b>Compliance Testing</b> The Administrator shall receive at least 15 working days a preliminary sample of 40kg of each type of cover aggregate to be used in the contract as per the requirments of Clause 3 MRTS22.1	Check & Verify	MILESTONE							
			Clause 8.1 MRTS22							
14	<b>Plant &amp; Equipments</b> On site documentation of required plant will be provided no less than 3 days prior to sealing operations and shall satisfied as per Table 9. Additional plant requirements shall apply in accordance of Clause 5 MRTS11.1	Check	HOLD POINT							
			Clause 9 MRTS11							
15	<b>Initial Bituminous Treatments (No Existing Bitumen Treatment)</b> All foreigh and loose material, including lenses of pavement material shall be removed from the surface. The surface shall be swept with a road broom. Where a Ball Penetration test result exceeds 3.0 mm, the surface shall not be sprayed until approved by Administrator.	Verify	HOLD POINT							
			Clause 10.1.2 MRTS11							
16	<b>Availability of Cover Aggregate</b> Prior to commencement of bitumen spraying operations, the contractor shall provide the Administrator with evidence there is sufficient cover aggregate for the extent of bitumen spraying work to be undertaken that day.	Check & Verify	HOLD POINT							
			Clause 11.1 MRTS11							
17	<b>Pavement Surface Temperature</b> Spraying shall not commence until the temperature of the pavement surface is above the temperature given in Clause 6.2 of Annexure MRTS11.1. 10°C for primes 15°C for initial seals containing cutback bitumen (i.e AMC4 to AMC7) 20°C for bitumen and polymer modified binders  These limits do not apply to WP-A and SAMI treatments - placed over an existing seal or ashalt, and - overlaid with asphalt prior to trafficking.	Visual	WITNESS POINT							
			Clause 11.2 MRTS11							

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