

						Doval Project No.		24015		Inspection and Test Plan				
						Client Project No.		CN 22433						
		Lot Number		Description	Dense Graded & Open Graded Asphalt				Date Opened		30.00		MRTS30 ASPHALT	
									Date Started					
		Date Finished												
Location				Control Line		Chainage		-						

  

No.	Activity Description	Acceptance Criteria & Frequency (Project Specific)	Check Item	Inspection			NCR	Related Lot #		
			Reference	SS/QA	Client/Rep	Date				
1	<b>Document Submission</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>Asphalt Quality Plan</b> The Contractor must develop an Asphalt Quality Plan (AQP). The AQP must be submitted to the Administrator for consideration at least seven days prior to work commencing and must be implemented.	Approval	MILESTONE							
			Clause 5.2 MRTS30							
4	<b>Compliance Testing</b> Compliance Testing shall be carried out for each lot. The Testing Frequencies shall not be less than those listed in Tables 5.4.1-A, 5.4.1-B and 5.4.1-D	Check & Verify	Check Item							
			Clause 5.4.1 MRTS30							
5	<b>Binder Class</b> Contractor shall provide evidence of the binder conformance and compliance with MRTS17 Bitumen or MRTS18 Polymer Modified Binder  The Binder Class are specified in Clause 1 of Annexure MRTS30.1 and are:	Check & Verify	Check Item							
			Clause 7.1.6 MRTS30							
6	<b>Moisture Sensitivity</b> For dense graded asphalt, the tensile strength ratio (TSR) must be ≥ 80% and the average tensile strength of the freeze/thaw group must be 500 kPa for polymer modified binders and 600kPa for mixes containing all other binders. Table 7.2.5 is a list of accepted non-conformance strength ratio for 70% ≥  Where a Hold Point is required to be observed, the Contractor shall investigate the causes of the nonconformance and propose corrective action to prevent recurrence of the nonconformance. The Contractor shall submit: a) test results covering the same Lot for insitu air voids and all characteristics specified in Clause 9.2, and b) the proposed corrective action to achieve conformance.  The Administrator shall consider the submitted documents prior to authorising the release of the Hold Point allowing recommencement of asphalt production.	Approval	HOLD POINT							
			Clause 7.2.5 MRTS30							

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11	<b>Nonconforming Mix Design</b> Nonconforming mix designs, that hold current registration with TMR, shall not be incorporated into the Works unless otherwise accepted in writing by the Administrator prior to the commencement of asphalt production.	Approval	HOLD POINT  Clause 7.4.1 MRTS30								
12	<b>Preparation of Pavement</b> The surface of the pavement base/bridge deck or existing substrate shall not be wet, and shall be thoroughly swept using a rotary broom to remove any loose material or other deleterious material which may be present. Any deleterious material, which still adheres to the surface after sweeping, shall be removed by other means.	Check & Verify	Check Item  Clause 8.2.2 MRTS30								
13	<b>Crack Filling</b> In areas shown in the Drawings or stated in Clause 2 of Annexure MRTS30.1, cracks greater than 2 mm wide shall be filled prior to placement of any asphalt. The Contractor shall mark out in the presence of the Administrator, the extent of crack filling to be carried out. Cracks shall be filled level with the surrounding surface with a polymer modified sealant approved by the Administrator.	Visual	WITNESS POINT  Clause 8.2.3 MRTS30								
14	<b>Strain Alleviating Fabric Strips</b> In the areas shown on the Drawings or stated in Clause 3 of Annexure MRTS30.1, strain alleviating fabric strips shall be applied to existing cracks prior to placement of asphalt or sprayed sealing. The Contractor shall mark out, in the presence of the Administrator, the extent of the strain alleviating fabric strips to be applied.	Visual	WITNESS POINT  Clause 8.2.4 MRTS30								
15	<b>Method of Placement</b> A self-propelled paving machine equipped with the ability to be operated with automatic thickness control and automatic joint matching facility must place the asphalt. Hand placement of asphalt is only permitted for minor corrections of the existing surface and in areas where placement with a paving machine is impractical.	Check	Check Item  Clause 8.3 MRTS30								
16	<b>Nominated Layer Thickness</b> The binder details are specified in Clause 1 of Annexure MRTS30. The nominated thickness of a layer of Asphalt shall be within the limits specified in Table 8.6.1	Check & Verify	Check Item  Clause 8.6 MRTS30								
17	<b>Tie-ins to Existing Pavement</b> For Tie-ins, the Contractor may be required to implement a layer thickness that does not conform with Clause 8.6.1. The Contractor shall detail the work methods to be adopted in the AQP.  Placement of asphalt in a nonconforming layer thickness shall not occur until Administrator approval.	Approval	HOLD POINT  Clause 8.6.2 MRTS30								

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