

<b>SGA</b>		<b>Inspection and Test Plan – WEARING COURSE ASPHALT LAYING</b>		<b>SGA- ITP-002</b>	
<b>Client:</b>	<b>DTI</b>		<b>Prepared by:</b>		<b>Kinley Dorji</b>
<b>Project:</b>	<b>Paraburdoo Airport Asphalt Overlay</b>		<b>Approved by:</b>		<b>Reetam Gogoi</b>
<b>Specifications:</b>	<b>P-0511021-5810-SPE-0001/ MRWA SPEC 504</b>		<b>Lot No.</b>		
<b>Structure / Component:</b>			<b>Lot Description:</b>		

Item No.	Activity/ Task Description	Acceptance Criteria	Verifying Document	Inspection/ Test		Inspection Point/ Signature & Date				
				Frequency	Test Point	Role Key	Record of Conformity	Client	SGA	Comments/Observations
1. Preliminaries/Pre-Works										
1.1	Approval of ITP	Submission of ITP templates at least 14 days before trial	P-0511021-5810-SPE-00001 Cl. 15 IFC Drawing	Prior to the commencement of Work	H	PE	Approved ITP			
1.2	Approval of mix design	The job mix design used in the works submitted and approved by the principal prior works.	AFPA Specification Section 6.3 Cl 78	Lot/Project	H	PE	Approved mix design			
1.3	Paving Plan	Paving plan submitted to client demonstrating the number and width of runs, pavement area and tonnage, and joint locations.	AFPA Specification Section 4.2-Cl 146	Shift	H	PE	Paving Plan			
1.4	Surface preparation	Surface shall sweep all road surfaces on which asphalt is to be placed under this contract to a clean condition with no appreciable amounts of loose materials or any other foreign matter remaining. The surface to be paved shall be dry.	P-0511021-5810-C-SPE-00001. 3911 Cl. 147	Lot	H	SS	ITP			
1.5	Survey Setout	Survey set out to be done prior to the asphalt placement	P-0511021-5810-C-SPE-00001. 3913	Lot	V	SS	ITP			
2. Execution/Placement										
2.1	Surface Correction	Where the surface to be covered is asphalt, all depressions more than 20mm deep shall be filled with a nominal 10 mm or 14mm dense graded asphalt and shall be screeded or raked and then compacted to similar density as the remainder of the surface to be paved.	AFPA Specification Section 4.6 Cl 30(f)	Lot	V	SS	ITP			

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	Project:	Paraburdoo Airport Asphalt Overlay	Approved by: Reetam Gogoi
	Specifications:	P-0511021-5810-SPE-0001/ MRWA SPEC 504 Lot No.	
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2.2	Pavement Temperature	Asphalt placement in accordance with temperatures specified by MRWA specification – minimum temp. - 14mm (PMB) wind speed <20 km/h 20°C & ≥20 km/h 25°C - 14mm (PMB + workability additive) wind speed <20 km/h 10°C & ≥20 km/h 15°C • DGA (PMB) 20°C - 25°C • DGA (PMB + Workability Additive) 10°C - 15°C Surface clean and dry.	MRWA Specification 510.46 Tables 510.6 504.46 Table 504.8 516.46	Prior to the commencement of asphalt placement	V	SS	Run Sheets			
2.3	Tack Coat (If required)	Tack coat is applied to the prepared surface at an application rate of between 0.2-0.3L/m2 for D/G with the tack coat sprayed uniformly over the entire road surface. No Asphalt to be placed on the tack coat until emulsion has broken.	AfPA 10.3 Cl 153-156 and 10.4.5 Cl 181	Prior to asphalt works	H	SS	Spray Sheet			
2.4	Tack Coat Material Submission	Submitted ≥14 days before asphalt production trial	P-0511021-5810-SPE-00001 Cl. 68	Prior to trial asphalt works	H	PE	Report			
2.5	Transport	Asphalt is transported in metal bodied trucks or trailers. Temperature of asphalt recorded out on a printout showing date and time. Each load is covered with suitable material of sufficient size to prevent loss of heat from the mixture. Asphalt delivered at uniform rate within the capacity of the placing and compacting plant.	MRWA Specification 510.37 504.37	Each truck	V	SS	Dockets			
2.6	Asphalt Delivery Temperatures	Asphalt delivered to site at temperatures in accordance with MRWA specified delivery temperatures: • DGA with PMB 160°C to 185°C	MRWA Specification 510.41 (4), 504.41 (3) 516.41 (3)	Each Truck	V	SS	Run Sheet			

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2.7	Compaction/T exture	Compaction and texture methodology shall conform to the Construction Trial <ul style="list-style-type: none"> <li>Roller Patterns and operation</li> <li>Surface texture within the paving lanes tight</li> <li>Surface texture at the joints tight</li> </ul>	AFPA Specification Section 11.4.1 CI 233	Lot	W	SS	Visual			
2.8	Non-Conformance	A hold point will apply when any mix test result indicating a non-conformance occurs. This hold point shall also apply to a mix produced prior to the non-conforming test result, but which has not been placed.	P-0511021-5810-SPE-00001 CI 142	As Required	H	SS	Test Report			<b>Hold Point:</b> _____
2.9	Core samples	Core samples will be taken within 24 hours of placement of a lot of asphalt. Results of testing will be reported on a NATA endorsed test report within 48 hours of the core samples being taken	AFPA Specification Section 11.4.2 CI 234	14 Core Samples per Lot (10 away from the joint and 4 on the longitudinal joints)	R	PE	Core Report			
2.10	Surface Requirements	Asphalt surface is uniform and free of roller marks, open texture. <ul style="list-style-type: none"> <li>3.5m straight edge max Longitudinal deviation 4mm and Transverse deviation 6mm, on aircraft pavements</li> <li>3.5m straight edge max Longitudinal deviation 6mm and Transverse deviation 7mm, on shoulders</li> </ul>	AFPA Specification Section 12.4.3 CI 293	Lot	V	SS	Straight edge report			

SECTION 3 – IN PROCESS INSPECTIONS – LOT COMPLETION					
		Acceptance Criteria	Verifying Document	Inspection/ Test	Inspection Point/ Signature & Date
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3.1	Temporary Line Marking	All line spotting has been completed and correct TRRPM's installed.	P-0511021-5810-SPE-00001 section 7105 c	Lot	V	SS	ITP			
3.2	House keeping	All waste from resurfacing activities has been removed from site	AfPA Section 1.2 Cl 2( h)	Lot	V	SS	ITP			
3.3	Opening finished works to traffic	Prior to opening the finished asphalt surface to traffic, the Contractor shall certify to the Superintendent that the final surface is completed in accordance with the Specification, and that the works are properly delineated and safe for public use.	Section 1210 d & e	Lot	H	SS	TM Daily Diary			Hold Point: _____
<b>Legends:</b> <b>Roles:</b> SS=Site Supervisor, PE= Project Engineer <b>Test Point:</b> V=Visual Inspection, W= Witness Point, H=Hold Point										
<b>Comments —</b> identified concern with the lot completion										

Final Inspection

The signature below verifies that this ITP has been completed in accordance with the Quality system Procedures and verifies lot compliance with specifications

Name:	Position:	Signature:	Date:	/	/
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