

		Inspection and Test Plan - Template - AU			Doc ID: FH-927-QU-ITP004 Rev: 0	
Client: Australia Pacific Airports Melbourne			Contract No: CP1024		Prepared By: James Kremers	
Project: Runway 09/27 Overlay				Reviewed By:		Date:
Construction Process: Cold Planning				Approved By:		Date:
Specifications: <i>Volume 1 – Standard Specification for Airside Works Rev 0.1</i>						
Structure / Component: Pavements						

Lot No:	Lot Details:	Lot size/Quantity:	Date:
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Item No.	Task/Activity Description	Inspection/Test					HP/ WP/ AP/ IP/ TP/ SCP	Responsibility Project Engineer Superintendent Surveyor Foreman	Checked by:			
		Frequency	Acceptance Criteria	Reference Documents	Inspection/ Test Method	Record of conformity			Client	Fulton Hogan	GHD	Date
1	Plant and equipment											
1.1	All cold planing works	At least ten (10) working days prior to commencement of cold planing operations	List, including details, of all plant and equipment to be used for the cold planing work.	Volume 1: HP 3903-1	Notification	Aconex Submission / This ITP signed by Contract Administrator	HP	Quality Engineer				
1.2	Contractor's check that cold planing plant in full working order	Prior (60 minutes)	1. Notice of the commencement time of the Contractor's cold planing plant verification process	Volume 1: HP3903-2.1	Verify	This ITP signed by Contract Administrator	HP	Quality Engineer				
1.3	Cold planing plant in full working order	Prior (60 minutes)	2. Copy of Contractors' cold planing verification checklist at the completion of check prior to commencement of each work period	Volume 1: HP3903-2.2	Notification	Submission of Daily Prestart Records / This ITP signed by Contract Administrator	HP	Quality Engineer				

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2	Cold Planing in Advance of Asphalt Work												
2.1	Cold planing in advance of asphalt overlay work: Area closed to aircraft traffic.	Prior (10 working days) to commencement of planing works	Proposal to Contract Administrator to texture, profile and mill in advance of asphalt work including complete program and plan of texturing, profiling and milling and asphalt overlay work proposed in the work area.	Volume 1: HP 3904-1	Notification	Submission of Shift Plan / This ITP signed by Contract Administrator	HP	Quality Engineer					
2.2	Cold planning in advance of asphalt overlay work: Area open to aircraft traffic.	Prior (10 working days) to commencement of planing works	1. Proposal to Contract Administrator to texture in advance of asphalt overlay work including date of demonstration and detailed program of texturing and asphalt overlay work in the work area	Volume 1: HP3904-2.1	Notification	This ITP signed by Contract Administrator	HP	Quality Engineer					
2.3	Removal of cold planing and asphalt paving equipment from work area	Before textured surface is opened to aircraft traffic	Inspection between Contractor and Contract Administrator of textured area.	Volume 1: HP3904-3	Verify	This ITP signed by Contract Administrator	HP	Quality Engineer					
3	Restrictions on Cold Planing												

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3.1	Commencement of cold planing works	Before the commencement of each working period	Written notification to the Contract Administrator that all plant, equipment and labour, including that required for the placing, compaction and finish of asphalt, are available and ready on-site and supply of asphalt for the work is confirmed even in the event of an unexpected breakdown of the asphalt mixing plant.	Volume 1: HP3905-1	Notification	This ITP signed by Contract Administrator	HP	Quality Engineer				
4.0	Performance Check at Commencement of Work Period											
4.1	Check that planing machines producing compliant surface	Prior (30 minutes)	Notice to the Contract Administrator of the commencement time of cold planning	Volume 1: WP3906 -1	Notification	Submission	WP	Quality Engineer				
5.0	Texturing											
4.1	Commencement of application of tack coat and asphalt paving	Prior (30 minutes)	1. Notice to the contract Administrator of the scheduled commencement time of Contractor's inspection and checking of the textured surface of the texturing trial. 2. Statement of compliance signed by the Contractors' PQR that the textured surface in the texturing	Volume 1: HP3907- 2.1	Notification	This ITP signed by Contract administrator	HP	Quality Engineer				

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			trial complies with the specified requirements									
4.2	Commencement of application of tack coat and asphalt paving	Prior to application of tack coat	Written agreement by Contractor, including photograph and typical measurements of the Texture Reference Area	Volume 1: HP3907-3	Notification	This ITP signed by Contract administrator	HP	Quality Engineer				
4.3	Removal of application of cold planing and asphalt paving equipment from work area	Prior (minimum 60minutes)	Notice to the Contract Administrator of Contractor's Inspection of completed textured surface and, statement of compliance of textured surface with specified requirements signed by contractor's PQR	Volume 1: HP3907-4	Notification	This ITP signed by Contract administrator	HP	Quality Engineer				
5.0	Profiling, Milling and Cleaning of Cold Planed Surfaces											
5.1	Removal of planing and cleaning equipment from site	Prior (minimum 60minutes)	Notice to the Contract Administrator of Contractor's Inspection of completed profiled surface and, statement of compliance of profiled surface with specified requirements signed by contractor's PQR	Volume 1: HP3908-1	Notification	This ITP signed by Contract administrator	HP	Quality Engineer				
5.2	Removal of cold planing and asphalt paving equipment from work area	Prior (minimum 60minutes)	Notice to the Contract Administrator of Contractor's Inspection of completed milled surface and, statement of compliance of milled surface with	Volume 1: HP3909-1	Notification	This ITP signed by Contract administrator	HP	Quality Engineer				

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			specified requirements signed by contactor's PQR									
5.3	Cleaning of entire cold planned surfaces of asphalt	Prior (minimum 30minutes)	Notice to the contract Administrator of commencement of cleaning of cold planed surfaces of asphalt	Volume 1: WP3911-1	Notification	This ITP signed by Contractor	WP	Quality Engineer				
5.4	Tack coat and placement of asphalt over cold planed surfaces of asphalt	At completion of each cleaning working period	Statement signed by the Contractor's PQR that the whole of the cold planed surfaces of asphalt have been cleaned as specified	Volume 1: HP3911-1	Notification	This ITP signed by Contract Administrator	HP	Quality Engineer				
5.5	Removal of Waste	As required	All asphalt removed from pavements by cold planing will become the property of the Contractor and must be removed from the site and disposed of by the Contractor. Stockpiling and material disposal requirements to be confirmed and authorized with Contract Administrator	Volume 1: 3912 and Volume 2 SP3912	Inspection	This ITP signed by Contractor	IP	Quality Engineer				
7	Survey of Cold Planed Asphalt Surfaces											
7.1	Placing of asphalt over cold-planed asphalt surfaces	Prior (30 minutes)	Survey of cold planed asphalt surfaces and determination of overlay thicknesses for asphalt thickness	Volume 1:	Notification	This ITP signed by Contract	HP	Quality Engineer				

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			control, and Notice to the contract Administrator of commencement of survey	HP3913-1		Administrator / Submission of Survey Records.						
5.9	Lot Submission for Cold Planning	Per shift	Submit detailed information for each shift. Details include location, test certificates etc.	Method Statement	Review of Lot Submission details	Lot Submission documents submitted to Contract Administrator	WP	Site Engineer				

Final Inspection The signature below verifies that this ITP has been completed in accordance with the Fulton Hogan's Quality system Procedures and verifies lot compliance with specifications.			
Print Name:	Position:	Signature:	Date: / /
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Legend:					
HP	Hold Point	Work shall not proceed past the HP until released by the Superintendent	IP	Inspection point	Formal Inspection to be done and recorded
HP*	Fulton Hogan Hold Point	Work shall not proceed past the HP* until released by Fulton Hogan	TP	Test Point	Product compliance test to be undertaken and recorded/reported
WP	Witness Point	An inspection which must be witnessed by the Superintendent	SCP	Survey conformance point	A qualified surveyor to check product/section/structure and report

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AP	Approval Point	Written or verbal approval given by the Superintendent		
Notes				