

Product Stage or Material to be Tested or Inspected	Type T = Test I= Inspection H= Hold point	Reference or Specification	Method/Test required	How Often?	Records Required	Responsibility	Initial on completion
<b>1.0 Pre-Works (Off Site)</b>							
Binder Penetration Grade	T	NZTA M1	Property Test, NZTA M01	1 test certificate per bulk shipment	Test Report	Bitumen Supplier / Project Manager	
Production Property - Cleaness Value	I	NZTA P/17, M06	Sample Test - Cleaness Value, NZTA P/17, M06	Each Stockpile	Test Report	Project Manager / Renewals Manager	
Stakeholder Management Requirements met	H	CSCMP	Confirm requirements followed	Each site	Test Report	Project Manager / Renewals Manager	
Stakeholder Management Requirements met	H	CSCMP	Confirm requirements followed	Each site	Copy of stakeholder notification / Photographs of VMS Boards	Project Manager / Renewals Manager	
Stakeholder Management Requirements met	H	CSCMP	Confirm requirements followed	Each site	Copy of stakeholder notification / Photographs of VMS Boards	Project Manager / Renewals Manager	
Confirm if any environmental protection is required	I	ESMP	Record decision	Each site	Pre-seal Inspection Form	Project Manager	
Daily work briefing, confirm scope, that you have all staff, materials and plant needed to complete the work	H	QMP	Brief all team members on day's work plan	Each site	Pre-seal Inspection Form	Project Manager	
<b>2.0 Pre-Construction (On Site)</b>							
Job start, identify risks and controls, communicated to team	H	HSMP	Record all risks and controls on Hazard ID following Team discussion	Each site	Hazard ID form	Site Foreperson	
Establish traffic management to plan	H	TMP	Site audit post set up	Each site	TTM Diary	STMS	
Confirm site is on approved programme	H	Approved Programme	Record as-built site dimensions	Each Site	Pre-seal Inspection Form	Site Foreperson	
Confirm site extents (i.e. Check what is marked on the road matches the job sheet / programme details)	H	Approved Programme	Record as-built site dimensions	Each Site	Pre-seal Inspection Form	Site Foreperson / Site QA	
Stockpiled sealing chip is clean and suitable for sealing	H	QMP	Acceptable/Unacceptable	Each Stockpile	Pre-seal Inspection Form & Photograph	Site Foreperson / Site QA	
Stockpiled sealing chip is the same grade(s) as specified in the chipseal design	H	QMP	Acceptable/Unacceptable	Each Stockpile	Pre-seal Inspection Form	Site Foreperson / Site QA	
Record & photograph environmental protection measures installed	I	ESMP	Record temporary measures	Each site	Pre-seal Inspection Form & Photograph	Site Foreperson / Site QA	
Binder application rate	T	Seal Design / Spraying Insructions	Confirm seal design requirements from programme	Per site	Spray Sheet	Site Foreperson / Site QA	

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Pre-Sealing surface condition	I	QMP	Acceptable/Unacceptable	Per Site	Pre-seal Inspection Form & Photograph	Site Foreperson / Site QA	

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3.0 Construction							
Start spraying Temp >10°C	T	NZTA P/17	Start >10°C	Per site	Spray Sheet	Site Foreperson / Site QA	
Binder application variation	T	NZTA P/17	+/- 4% (spray rate) +/- 50l (tank dip)	Per site	Spray Sheet	Site Foreperson / Site QA	
Sealing chip application	I	NZTA P/17	Full and even coverage of sprayed area	Per site	Post-seal Inspection Form	Site Foreperson / Site QA	
PTR Rolling pattern	I	NZTA P/17	Initial rolling completed along with traffic-rolling under controlled TTM	Per Site	Post-seal Inspection Form	Site Foreperson	
Traffickating	I	Chapter 11 - Chipsealing in NZ	Initial rolling completed along with traffic-rolling under controlled TTM	Per Site	Post-seal Inspection Form	Site Foreperson / STMS	
Traffickating	I		Positive Traffic Control is to remain in place for at least 6 hours after the last chip run is complete, the positive TC is to move the traffic across the full width of the road to ensure full chip imbedment	Per Site	Post-seal Inspection Form	Site Foreperson / STMS	
Tagging for line marking	I	Chapter 11 - Chipsealing in NZ	Pre-seal Visual check	Per site	Post-seal Inspection Form	Site Foreperson	
Post-Sealing Surfacing Condition	I	QMP	Visual check	Per site	Post-seal Inspection Form & Photograph	Site Foreperson	
4.0 Post-Construction							
Linemarking and RRPM Reinstated <i>Matches previous linemarking - within 48 hours of sealing</i>	H	MOTSAM	Visual check	Per site	Photograph	Project Manager	
Spray Sheet/s Checked & Supplied for Claiming	H	QMP	Spray sheet data verified against design/programme	Per site	Spray Sheet/s	Project Manager	
Collect & Upload RAMM data	H	Comply with Waka Kotahi format	Correct data supplied	Per site	Spray Sheet/s & Photographs	Renewals Manager	
5.0 Out Of Season Sealing							

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Out of Season Sealing	H	Winter Surfacing Site Note	Waka Kotahi Approval	Per Applicable Site	Copy of Waka Kotahi Approval on-site	Project Manager / Renewals Manager	