

TRAFFIC PAINT TEST REPORT

Project No.: EA16335



Attn: Rishi Adhikari, P.Eng.

To: Alberta Transportation
 Technical Standards Branch
 2nd Floor, Twin Atria Building
 4999 - 98 Ave
 Edmonton, AB T6B 2X3

Distribution Addressee: Amec Foster Wheeler Environment & Infrastructure
 5671 - 70 Street
 Edmonton, AB
 Canada T6B 3P6
 Tel +1 (780) 436-2152
 Fax +1 (780) 377-3599

Formulation:		Supplier: ENNIS							
Yellow Acetone 986063		Tests Required							
Lab Sample Number	Batch Number	Relative Density (25/25°C)	Viscosity (Krebs)	Non-Volatile Content (%)	Pigment Content (%)	Date Sampled	Date Received	Date Reported	Applicator and Location
B2	CPP2003Y0181	1.400	77	73.0	53.0	May-22	May-25	Jun-1	Mainroad Hwy 766:10
Tolerance Limits									
	986063	n/a	n/a	n/a	n/a				
Tolerance Limits		± 0.05	± 5	± 2% absolute	± 2% absolute				
Upper Limit		1.45	90	75.0	53.0				
Lower Limit		1.35	75	70.0	48.0				

* Indicates result outside tolerance limits.



Test not Required by AT

Note: Yellow Paint Formulation 986063 - , batch number - CPP1810Y1777, did not match submitted manufacturer's samples.

PER:  1/Jun/20
 DATE

Reviewed By: _____

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Lab Sample Number	Batch Number	Relative Density (25/25°C)	Viscosity (Krebs)	Non-Volatile Content (%)	Pigment Content (%)	Date Sampled 2020	Date Received 2020	Date Reported 2020	Applicator and Location
	2020								
B41	CPP2003Y0157	1.429	92.3*	76.1*	54.4*	Jun-20	Jun-25	Jul-13	AAA Striping Hwy 669:02 From Hwy 40 to Hwy 747 Peace Region
B45	CPP2003Y0167	1.391	78.8	73.5	53.0	Jun-25	Jun-29	Jul-13	Carmacks Deerfoot
Tolerance Limits									
	986063	n/a	n/a	n/a	n/a				
Tolerance Limits		± 0.05	± 5	± 2% absolute	± 2% absolute				
Upper Limit		1.45	90	75.0	53.0				
Lower Limit		1.35	75	70.0	48.0				

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Note: Yellow Paint Formulation 986063 - , batch number - CPP1810Y1777, did not match submitted manufacturer's samples.

PER: _____ Jul-13
 DATE

Reviewed By: _____

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Yellow Acetone 986063		Tests Required							
Lab Sample Number	Batch Number	Relative Density (25/25°C)	Viscosity (Krebs)	Non-Volatile Content (%)	Pigment Content (%)	Date Sampled	Date Received	Date Reported	Applicator and Location
B55	CPP2004Y0395	1.433	87.0	75.0	53.8	Apr-24	Jul-6	Jul-21	E-Construction Contract # 20533 Hwy 2A:54
Tolerance Limits									
	986063	n/a	n/a	n/a	n/a				
Tolerance Limits		± 0.05	± 5	± 2% absolute	± 2% absolute				
Upper Limit		1.45	90	75.0	53.0				
Lower Limit		1.35	75	70.0	48.0				

Note: Yellow Paint Formulation 986063 - , batch number - CPP1810Y1777, did not match submitted manufacturer's samples.

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Test not Required by AT

PER: _____ Jul-21
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Formulation:		Supplier: ENNIS							
Yellow Acetone 986063		Tests Required							
Lab Sample Number	Batch Number	Relative Density (25/25°C)	Viscosity (Krebs)	Non-Volatile Content (%)	Pigment Content (%)	Date Sampled	Date Received	Date Reported	Applicator and Location
B71	CPP2006Y0682	1.412	77.4	74.8	54.4	Jul-18	Jul-22	Jul-27	Mainroad ponoka
Tolerance Limits									
	986063	n/a	n/a	n/a	n/a				
Tolerance Limits		± 0.05	± 5	± 2% absolute	± 2% absolute				
Upper Limit		1.45	90	75.0	53.0				
Lower Limit		1.35	75	70.0	48.0				

Note: Yellow Paint Formulation 986063 - , batch number - CPP1810Y1777, did not match submitted manufacturer's samples.

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PER: _____ Jul-27
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Formulation:		Supplier: ENNIS							
Yellow Acetone 986063		Tests Required							
Lab Sample Number	Batch Number	Relative Density (25/25°C)	Viscosity (Krebs)	Non-Volatile Content (%)	Pigment Content (%)	Date Sampled	Date Received	Date Reported	Applicator and Location
B88	CPP2006Y0765	1.408	81.5	73.8	52.9	Jul-27	Aug-7	Aug-17	AAA Striping Hwy 88:06 From Hwy 750 22 Kms South of Hwy 986 Peace River
Tolerance Limits									
	986063	n/a	n/a	n/a	n/a				
Tolerance Limits		± 0.05	± 5	± 2% absolute	± 2% absolute				
Upper Limit		1.45	90	75.0	53.0				
Lower Limit		1.35	75	70.0	48.0				

Note: Yellow Paint Formulation 986063 - , batch number - CPP1810Y1777, did not match submitted manufacturer's samples.

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Test not Required by AT

PER: _____ *[Signature]* _____ Aug-17
 DATE

Reviewed By: _____ *[Signature]* _____

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Formulation:		Supplier: ENNIS							
Yellow Acetone 986063		Tests Required							
Lab Sample Number	Batch Number	Relative Density (25/25°C)	Viscosity (Krebs)	Non-Volatile Content (%)	Pigment Content (%)	Date Sampled 2020	Date Received 2020	Date Reported 2020	Applicator and Location
	2020								
B92	CPP2004Y0395	1.367	113*	68.7*	49.3	Aug-10	Aug-17	Aug-24	Line West Hwy 2A: 54 From Jct of Hwy 2 To Jct of Hwy 49
B98	CPP1910Y1422	1.440	94.5*	74.4	53.0	Aug-14	Aug-19	Aug-24	Lafrentz Hwy 986 :04
Tolerance Limits									
	986063	n/a	n/a	n/a	n/a				
Tolerance Limits		± 0.05	± 5	± 2% absolute	± 2% absolute				
Upper Limit		1.45	90	75.0	53.0				
Lower Limit		1.35	75	70.0	48.0				

Note: Yellow Paint Formulation 986063 - , batch number - CPP1810Y1777, did not match submitted manufacturer's samples.

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Test not Required by AT

PER: _____  Aug-24
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Formulation:		Supplier: ENNIS								
Yellow Acetone 986063		Tests Required								
Lab Sample Number	Batch Number	Relative Density (25/25°C)	Viscosity (Krebs)	Non-Volatile Content (%)	Pigment Content (%)	Date Sampled 2020	Date Received 2020	Date Reported 2020	Applicator and Location	
B121	CPP2007Y0783	1.392	81.5	72.9	53.3	Sep-8	Sep-10	Sep-21	Mainroad Hwy 613 CMA 515	
B123	CPP2006Y0765	1.406	82.0	74.0	53.4	Sep-8	Sep-10	Sep-21	AAA Striping Hwy 35:06	
Tolerance Limits										
986063		n/a	n/a	n/a	n/a					
Tolerance Limits		± 0.05	± 5	± 2% absolute	± 2% absolute					
Upper Limit		1.45	90	75.0	53.0					
Lower Limit		1.35	75	70.0	48.0					

Note: Yellow Paint Formulation 986063 - , batch number - CPP1809Y1649, did not match submitted manufacturer's samples.

* Indicates result outside tolerance limits.
 Test not Required by AT

PER:  Sep-21
 DATE
 Reviewed By: _____

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Formulation:		Supplier: ENNIS							
Yellow Acetone 986063		Tests Required							
Lab Sample Number	Batch Number	Relative Density (25/25°C)	Viscosity (Krebs)	Non-Volatile Content (%)	Pigment Content (%)	Date Sampled 2020	Date Received 2020	Date Reported 2020	Applicator and Location
B154	CPP1910Y1422	1.454	98.6*	75.7*	53.7*	Sep-10	Oct-5	Oct-15	Lafrentz Hwy 721:02 and Hwy722:02
Tolerance Limits									
	986063	n/a	n/a	n/a	n/a				
Tolerance Limits		± 0.05	± 5	± 2% absolute	± 2% absolute				
Upper Limit		1.45	90	75.0	53.0				
Lower Limit		1.35	75	70.0	48.0				

Note: Yellow Paint Formulation 986063 - , batch number - CPP1809Y1649, did not match submitted manufacturer's samples.

* Indicates result outside tolerance limits.
 Test not Required by AT

PER: _____  _____ **Oct-15**
 DATE
 Reviewed By: _____

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Formulation:		Supplier: ENNIS							
Yellow Acetone 986063		Tests Required							
Lab Sample Number	Batch Number	Relative Density (25/25°C)	Viscosity (Krebs)	Non-Volatile Content (%)	Pigment Content (%)	Date Sampled 2020	Date Received 2020	Date Reported 2020	Applicator and Location
	2020								
B166	CPP2008Y1098*	1.444	84.7	74.4	55.2*	Oct-15	Oct-19	Nov-2	Aecom Hwy 2:02 Contract Number 20468
B168	CPP2007Y0765	1.405	82.0	73.8	52.8	Oct-8	Oct-19	Nov-2	AAA Striping Hwy 49:02/04 Km 34.91 To Km 14.17
B170	CPP2008Y1174	1.414	81.8	73.6	53.0	Oct-15	Oct-23	Nov-2	Lafrentz Hwy 40:38, 40, 42 Km 21 (40:38) Km 17 (40:42) Contract Number 18341
B172	CPP2007Y0946	1.389	82.8	73.9	53.0	Oct-1	Oct-23	Nov-2	Line West Hwy 9:10
Tolerance Limits									
	986063	n/a	n/a	n/a	n/a				
Tolerance Limits		± 0.05	± 5	± 2% absolute	± 2% absolute				
Upper Limit		1.45	90	75.0	53.0				
Lower Limit		1.35	75	70.0	48.0				

Note: Yellow Paint Formulation 986063 - , batch number - CPP2008Y1098, did not match submitted manufacturer's samples.

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 Test not Required by AT

PER: _____ Nov-2
 DATE
 Reviewed By: _____

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Formulation:		Supplier: ENNIS							
Yellow Acetone 986063		Tests Required							
Lab Sample Number	Batch Number	Relative Density (25/25°C)	Viscosity (Krebs)	Non-Volatile Content (%)	Pigment Content (%)	Date Sampled	Date Received	Date Reported	Applicator and Location
B176	CPP2008Y1098*	1.438	83.5	74.7	54.7*	Oct-26	Oct-29	Nov-9	Line King Hwy12:18
Tolerance Limits									
	986063	n/a	n/a	n/a	n/a				
Tolerance Limits		± 0.05	± 5	± 2% absolute	± 2% absolute				
Upper Limit		1.45	90	75.0	53.0				
Lower Limit		1.35	75	70.0	48.0				

Note: Yellow Paint Formulation 986063 - , batch number - CPP2008Y1098, did not match submitted manufacturer's samples.

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 Test not Required by AT

PER: _____ Nov-9
 DATE
 Reviewed By: _____

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Formulation:		Supplier: ENNIS								
Yellow Acetone 986063		Tests Required								
Lab Sample Number	Batch Number	Relative Density (25/25°C)	Viscosity (Krebs)	Non-Volatile Content (%)	Pigment Content (%)	Date Sampled 2020	Date Received 2020	Date Reported 2020	Applicator and Location	
B179	CPP2008Y1098*	1.452	87	75.4	55.6*	Nov-5	Nov-9	Nov-23	Aecom Hwy 2:06	
B180	CPP2008Y1098*	1.454	87.5	75.7	55.6*	Nov-6	Nov-12	Nov-23	Line King Hwy 791:08	
B182	CPP2008Y1098*	1.440	84.5	74.8	54.9*	Oct-30	Nov-12	Nov-23	Line King Hwy 1:18	
B185	CPP2007Y0946	1.422	90	74.9	53.0	Nov-5	Nov-13	Nov-23	Lahrman Contract # 19075 Hwy 582:02	
Tolerance Limits										
	986063	n/a	n/a	n/a	n/a					
Tolerance Limits		± 0.05	± 5	± 2% absolute	± 2% absolute					
Upper Limit		1.45	90	75.0	53.0					
Lower Limit		1.35	75	70.0	48.0					

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