



CSA CERTIFIED
LABORATORY FOR TESTING
CONCRETE

CONCRETE PLACEMENT REPORT

97 TROOP AVE., DARTMOUTH, N.S. B3B 2A7 - TEL (902) 468-6486 FAX 468-4919

Client

Nova Scotia Transportation and Infrastructure Renewal
6176 Young Street PO Box 2431
Halifax, NS
B3J 3E4

Our Project No.

1900239-08-0-001-001

Client Contract No.:**Client P.O.:****Contractor:**

Dexter

CC:

Fax

ATTENTION: Greg Moir

PHONE: (902) 424-2339

FAX:

Email:

Greg.Moir@novasc

Project: Hebbville Highway Operations Base

Supplier: Bridgewater Ready Mix
Mix No:
Formwork: Wood
Date Placed: 09-Jun-20
Weather: Sunny
Vibrators: Whip
Method Of Placing: Chute
Method Of Curing: Curing Compound
Specified Properties: Strength @ 28 Days : 32 MPa, **Slump:** 80 +/- 20 mm **Air:** 5 - 7 %

Load No.	Ticket No.	Truck No.	Time Record				Air (%)	Slump (mm)	Temp (C)		Volume		#Cyls Cast
			Batch	Tested	Unload	Elapsed			Conc	Air	Load	Cum.	
1	5607	226	13:50	14:31	15:46	1:56	6.4	80	23	20	8	8	5

Section: Sidewalk.

Location: Along east edge of building and making a turn at NE corner to meet sidewalk already poured along N edge. Duct bank (13 ft) continuing from existing duct bank in NW corner of new building parking lot.

Comments

Record No: 30280

Standby: 0

Englobe Tech: TP

PER

For testing conducted by this company, procedures are carried out in accordance with CSA-A23.2. Reporting of these test results constitutes a testing service only. Engineering interpretation or evaluation of test results is provided only on request.

Project manager : Peter Salah



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Project: Hebbville Highway Operations Base

Mix No:**Date Placed:**

10-Jun-20

Supplier: Bridgewater Ready Mix

Formwork: Wood

Method Of Placing:

Chute

Weather: Sunny

Vibrators: Whip

Method Of Curing:

Curing Compound

Specified Properties: Strength @ 28 Days : 35 MPa,

Slump: 80 +/- 20 mm

Air: 5 -7 %

Load No.	Ticket No.	Truck No.	Time Record				Air (%)	Slump (mm)	Temp (C)		Volume		#Cyls Cast
			Batch	Tested	Unload	Elapsed			Conc	Air	Load	Cum.	
1	5617	224	12:10	12:40	13:10	1:00	6.0	100	21.5	14.0	5.0	5.0	5

Section: oil collection pad

Location:

Comments

Record No: 30291

Standby:

0

Englobe Tech: Travis MacKenzie

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Project manager : Peter Salah

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Dexter Construction Company Lt

CC:
Fax
Attn: Greg Moir

Fax
Project: Hebbville Highway Operations Base

Email Greg.Moir@novascotia.ca

Set No: 15		No. Of Specimens: 5		Date Cast: 10 Jun 2020				
Specimen	Date Tested	Age At Test (Days)	Average Diameter(mm)	Cyl Density kg/m ³	Maximum Load (kN)	Compressive Strength (MPa)	Failure Type	
A	17 Jun 2020	7	102	2225	183	22.4	A	<input checked="" type="checkbox"/> A
B	08 Jul 2020	28	102	2222				<input checked="" type="checkbox"/> B
C	08 Jul 2020	28	102	2231				<input checked="" type="checkbox"/> C
D	05 Aug 2020	56	102	2229				<input checked="" type="checkbox"/> D
E	05 Aug 2020	56	102	2230				<input checked="" type="checkbox"/> E
								<input checked="" type="checkbox"/> F

Specified Properties		Test Information		Sample pickup at Site :
Strength @28 days(MPa):	35	Conc Temp°C	21.5	Date : 11 Jun 2020
Slump (mm):	80 +/- 20	Slump (mm)	100	Time : 13:30
Air (%):	5 - 7	Air Temp°C :	14.0	Rec'd Sample at Lab :
Max Agg Size (mm):	20	Air(%):	6.0	Date : 11 Jun 2020
		Cast Time:	12:40	Time : 15:05
		Cast By:	MTL	
		Initial curing Temp (CSA: 15 - 25°C)		
		Minimum: 15.9 Maximum: 22.4		
Supplier Information		Initial Curing Conditions :		
Supplier:	Bridgewater Ready Mix	Inside curing box		
Batch Time:	12:10	Test samples cast in reusable hard plastic moulds.		
Truck No.:	224	Section: oil collection pad		
Ticket No.:	5617	Location:		
Strength Delivered:	35 (MPa)	Comments: TM1		
Mix No:				
Load Vol:	5.0 yd ³			
Cum Vol:	5.0 yd ³			
Additives:				
Heat	<input type="checkbox"/> Superplasticizer			
Silica fume	<input type="checkbox"/> Flyash			
Set Retarder	<input type="checkbox"/> Air Entrainment			
Water Reducer	<input type="checkbox"/> Accelerators			
H2O Added	<input type="checkbox"/> Authorized B			
		7 day compressive strength is lower than anticipated based on typical strength gains.		

Standby:

0

Record No 51808

Englobe Tech: Travis MacKenzie

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N/A - Not Applicable or Not Available

Project manager : Peter Salah