



Englobe

CONCRETE TEST 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 PO.:

Contractor:

Dexter

CC:

Fax

Attn: Greg Moir

Fax

Project: Hebbville Highway Operations Base

Email Greg.Moir@novascotia.ca

Set No: 14		No. Of Specimens: 5		Date Cast: 09 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	16 Jun 2020	7	102	2322	305	37.3	A	<input checked="" type="checkbox"/>
B	07 Jul 2020	28	102	2333				<input checked="" type="checkbox"/>
C	07 Jul 2020	28	102	2324				<input checked="" type="checkbox"/>
AP	04 Aug 2020	56	102	2331				<input checked="" type="checkbox"/>
AP	04 Aug 2020	56	102	2338				<input checked="" type="checkbox"/>

Specified Properties		Test Information		Sample pickup at Site :
Strength @28 days(MPa):	32	Conc Temp ^o C	23	Date : 10 Jun 2020
Slump (mm):	80 +/- 20	Slump (mm)	80	Time : 13:30
Air (%):	5 - 7	Air Temp ^o C :	20	Rec'd Sample at Lab :
Max Agg Size (mm):	20	Cast Time:	14:31	Date : 10 Jun 2020
		Cast By:	MTL	Time : 15:00
		Initial curing Temp (CSA: 15 - 25 ^o C)		
		Minimum: 14 Maximum: 24		
Supplier Information		Initial Curing Conditions :		
Supplier: Bridgewater Ready Mix		Inside curing box		
Batch Time: 13:50		Test samples cast in reusable hard plastic moulds.		
Truck No.: 226		Section: Sidewalk.		
Ticket No.: 5607		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		
Strength Delivered: 35 (MPa)		Comments: TP		
Mix No:				
Load Vol: 8 m ³				
Cum Vol: 8 m ³				
Additives:				
Heat	<input type="checkbox"/> Superplasticizer	<input type="checkbox"/>		
Silica fume	<input type="checkbox"/> Flyash	<input type="checkbox"/>		
Set Retarder	<input type="checkbox"/> Air Entrainment	<input checked="" type="checkbox"/>		
Water Reducer	<input type="checkbox"/> Accelerators	<input type="checkbox"/>		
H2O Added <input type="checkbox"/> Authorized B				

Standby: 0

Record No 51795 Englobe Tech: TP

PER



CSA CERTIFIED
LABORATORY FOR TESTING

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.

N/A - Not Applicable or Not Available

Project manager : Peter Salah