



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
PO Box 409
Bridgewater, NS
B4V 2X6

Our Project No.:

02000061.010.0001.0001

Client Contract No.:
Client PO.:
Contractor:

Duron

CC:
Fax
Attn: Errol Webber

Fax
Project: NSTIR - Northfield Road (2020-032) - Concrete testing

Email

Set No: 2		No. Of Specimens: 7		Date Cast: 19 May 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	22 May 2020	3	102	2242	206	25.2	A	<input checked="" type="checkbox"/>
B	25 May 2020	6	102	2248	237	29.0	A	<input checked="" type="checkbox"/>
C	26 May 2020	7	102	2254	245	30.0	A	<input checked="" type="checkbox"/>
D	16 Jun 2020	28	102	2250	304	37.2	A	<input checked="" type="checkbox"/>
E	16 Jun 2020	28	102	2250	300	36.7	A	<input checked="" type="checkbox"/>
F,G	14 Jul 2020	56	102					<input type="checkbox"/>

Specified Properties		Test Information		Sample pickup at Site :
Strength @28 days(MPa):	35	Conc Temp ^o C	19.5	Date :
Slump (mm):	80 +/- 20	Slump (mm)	75	Time :
Air (%):	6 +/- 1	Air Temp ^o C :	12.0	Rec'd Sample at Lab :
Max Agg Size (mm):	20	Air(%):	8.0/7.0	Date :
		Cast Time:	13:38	Time :
		Cast By:	MTL	
Supplier Information		Initial curing Temp (CSA: 15 - 25 ^o C)		
Supplier: South Shore Ready Mix		Minimum: Maximum:		
Batch Time: 12:31		Initial Curing Conditions :		
Truck No.: 34		Inside curing box		
Ticket No.: 30826		Test samples cast in reusable hard plastic moulds.		
Strength Delivered: 35 (MPa)		Section: joints for south bound lanes		
Mix No:		Location: Truck used powdered air down to gert air content down		
Load Vol: 3.04 m ³		Comments: TM1		
Cum Vol: 3.04 m ³				
Additives:				
Heat	<input type="checkbox"/> Superplasticizer	<input type="checkbox"/>		
Silica fume	<input type="checkbox"/> Flyash	<input checked="" 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 51546

Englobe Tech: Travis MacKenzie

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