



# Englobe

## CONCRETE TEST REPORT

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

### Client:

Nova Scotia Transportation Infrastructure Renewal  
20 Mann St.  
Bedford, Nova Scotia  
B4A 2W5

Our Project No.: P-0015148-0-21-001

Client Contract No.:

Client PO.:

Contractor: Brycon

CC:

Fax

Attn: Colin Weaver, P.Eng.

Fax

Project: 2018-052 - Hwy 102/103 Concrete Testing

Email colin.weaver@novascotia.ca

Set No: 172		No. Of Specimens: 5		Date Cast: 29 Apr 2020				
Specimen	Date Tested	Age At Test (Days)	Average Diameter(mm)	Cyl Density kg/m <sup>3</sup>	Maximum Load (kN)	Compressive Strength (MPa)	Failure Type	
A	06 May 2020	7	102	2246	209	25.6	A	<input checked="" type="checkbox"/>
B	27 May 2020	28	102	2238	256	31.3	A	<input checked="" type="checkbox"/>
C	27 May 2020	28	102	2238	259	31.7	A	<input checked="" type="checkbox"/>
D	24 Jun 2020	56	102	2236				<input checked="" type="checkbox"/>
E	24 Jun 2020	56	102	2237				<input checked="" type="checkbox"/>

  

Specified Properties		Test Information		Sample pickup at Site :	
Strength @28 days(MPa):	32	Conc Temp°C	20.0	Slump (mm)	90
Slump (mm):	80 +/- 20	Air Temp°C :	0	Air(%) :	7.0
Air (%) :	6 +/- 1	Cast Time:	08:15	Cast By:	MTL
Max Agg Size (mm):	20	Initial curing Temp (CSA: 15 - 25° C)		Rec'd Sample at Lab :	
		Minimum: Maximum:		Date :	
		Initial Curing Conditions :		Time :	
		Inside curing box			
		Test samples cast in reusable hard plastic moulds.			
		Section: Concrete pour for Jersey Barrier			
		Location: Dunbrack Ramp ( Section #1 )			
		Comments:			
		Low 28 day compressive strength test result :			

  

Supplier Information	
Supplier:	OSCO
Batch Time:	07:26
Truck No.:	52023
Ticket No.:	4075215
Strength Delivered:	35 (MPa)
Mix No:	
Load Vol:	4.50 m <sup>3</sup>
Cum Vol:	4.50 m <sup>3</sup>
Additives:	
Heat <input checked="" 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 51367 Englobe Tech: Jody DeCoste#1

PER

*B. Colwill*



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