

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.: 1900239-29-0-001-001

Client Contract No.:

Client PO.:

Contractor: Dexter

CC:

Fax

Attn: Errol Webber, P.Eng

Fax

Project: 2019-120 - Trunk 3 Roundabout

Email

Set No: 14		No. Of Specimens: 3		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	2295	303	37.1	A	<input checked="" type="checkbox"/> A
B	07 Jul 2020	28	102	2294				<input checked="" type="checkbox"/> B
C	07 Jul 2020	28	102	2290				<input checked="" type="checkbox"/> C
								<input checked="" type="checkbox"/> D
								<input checked="" type="checkbox"/> E
								<input checked="" type="checkbox"/> F

Specified Properties		Test Information		Sample pickup at Site :	
Strength @28 days(MPa):	32	Conc Temp°C	19	Slump (mm)	75
Slump (mm):	80 +/- 20	Air Temp°C :	10	Air(%) :	5.1
Air (%) :	5 - 7	Cast Time:	09:17	Cast By:	MTL
Max Agg Size (mm):		Initial curing Temp (CSA: 15 - 25°C)		Minimum: 8.5 Maximum: 20.5	
Supplier Information		Initial Curing Conditions :		Rec'd Sample at Lab :	
Supplier: South Shore Ready Mix		Inside curing box		Date : 10 Jun 2020	
Batch Time: 08:42		Test samples cast in reusable hard plastic moulds.		Time : 14:00	
Truck No.: 30		Section: Sign base tubes.		Date : 10 Jun 2020	
Ticket No.: 9088		Location:		Time : 15:00	
Strength Delivered: 32 (MPa)		Comments: TP1			
Mix No:					
Load Vol: 5.70 m ³					
Cum Vol: 5.70 m ³					
Additives:					
Heat	<input type="checkbox"/> Superplasticizer	<input type="checkbox"/>			
Silica fume	<input type="checkbox"/> Flyash	<input checked="" type="checkbox"/>			
Set Retarder	<input checked="" 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 51793 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