

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

**Client:**

Nova Scotia Transportation And Infrastructure Renewal  
PO Box 186, 1672 Granville Street  
Halifax, Nova Scotia  
B3J 2N2

**Our Project No.:** 02000061.000.001

**Client Contract No.:** 4600019710

**Client PO.:**

**Contractor:** Marco Maritimes

**CC:**

**Fax**

**Attn:** Krista Ranahan, P.Eng.

**Fax**

**Project:** FO1-55-02-01 - JL Ilsley High School Concrete Testing

**Email** krista.ranahan@novascotia.ca

Set No: 2		No. Of Specimens: 5		Date Cast: 10 Jan 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	17 Jan 2020	7	102		232	28.4	A	<input checked="" type="checkbox"/>
B	07 Feb 2020	28	102	2356				<input checked="" type="checkbox"/>
C	07 Feb 2020	28	102	2352				<input checked="" type="checkbox"/>
D	06 Mar 2020	AP	102					<input checked="" type="checkbox"/>
E	06 Mar 2020	AP	102					<input checked="" type="checkbox"/>

  

Specified Properties		Test Information		Sample pickup at Site :	
Strength @28 days(MPa):	28	Conc Temp°C	24.5	Slump (mm)	115
Slump (mm):	80 +/- 20	Air Temp°C :	1	Air(%) :	5.5
Air (%) :	6 +/- 1	Cast Time:	13:45	Cast By:	MTL
Max Agg Size (mm):	20	Initial curing Temp (CSA: 15 - 25°C)		Rec'd Sample at Lab :	
		Minimum: 8.3 Maximum: 20.2		Date : 13 Jan 2020	
<b>Supplier Information</b> Supplier: Casey Metro Batch Time: 12:53 Truck No.: 38CM Ticket No.: 103494 Strength Delivered: 28 (MPa) Mix No: C27F101E Load Vol: 3.5 Cum Vol: 3.5 Additives: Heat <input checked="" type="checkbox"/> Superplasticizer <input checked="" 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		<b>Initial Curing Conditions :</b> Inside curing box inside trailer Test samples cast in reusable hard plastic moulds.		Date : 13 Jan 2020 Time : 8:30	
		<b>Section:</b> Duct Bank <b>Location:</b> Parallel to walkway on west side of site		Date : 13 Jan 2020 Time : 9:30	
		<b>Comments:</b> Field Test results reported on site.			

**Standby:**

0

**Record No** 50479

**Englobe Tech:** Jamie Abraham

**PER**

*3 Colwell*



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