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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:

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: 1 | | No. Of Specimens: 2 | | Date Cast: 07 Jan 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 | 14 Jan 2020 | 7 | 102 | | 160 | 19.6 | A | <input checked="" type="checkbox"/> |
| B | 04 Feb 2020 | 28 | 102 | | | | | <input checked="" type="checkbox"/> |
| C | 04 Feb 2020 | 28 | 102 | | | | | <input checked="" type="checkbox"/> |
| | | | | | | | | <input checked="" type="checkbox"/> |
| | | | | | | | | <input checked="" type="checkbox"/> |
| | | | | | | | | <input checked="" type="checkbox"/> |

| Specified Properties | | Test Information | | Sample pickup at Site : | |
|-------------------------|--|--|-------|-------------------------|-----|
| Strength @28 days(MPa): | 28 | Conc Temp°C | N/A | Slump (mm) | 130 |
| Slump (mm): | 125 +/- 25 | Air Temp°C : | 1 | Air(%) : | 7.0 |
| Air (%) : | 6 +/- 1 | Cast Time: | 17:00 | Cast By: | MTL |
| Max Agg Size (mm): | | Initial curing Temp (CSA: 15 - 25° C) | | Minimum: | |
| | | Maximum: | | | |
| Supplier Information | | Initial Curing Conditions : | | Rec'd Sample at Lab : | |
| Supplier: | Casey Metro | Inside curing box | | Date : | |
| Batch Time: | 16:07 | Test samples cast in reusable hard plastic moulds. | | Time : | |
| Truck No.: | 39 | Section: Partial Electrical Duct Bank | | Date : | |
| Ticket No.: | 103446 | Location: Starting section from Drysdale | | Time : | |
| Strength Delivered: | 28 (MPa) | Comments: | | | |
| Mix No: | C27101E | Field Test results reported on site. | | | |
| Load Vol: | 4.72 m ³ | | | | |
| Cum Vol: | 9.50 m ³ | | | | |
| Additives: | | | | | |
| Heat | <input checked="" type="checkbox"/> Superplasticizer | | | | |
| Silica fume | <input type="checkbox"/> Flyash | | | | |
| Set Retarder | <input type="checkbox"/> Air Entrainment | | | | |
| Water Reducer | <input type="checkbox"/> Accelerators | | | | |
| H2O Added | <input type="checkbox"/> Authorized B | | | | |

Standby: 0

Record No 50478 Englobe Tech: BG 1

PER

Peter Salah



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