

**Client:** NOVA SCOTIA DEPARTMENT OF PUBLIC WORKS

**Our Project No.:** 02102531.156.0100.0101

1672 Granville St, 3rd Floor

**Contract No.:** N/A

PO Box 186

**Client PO.:** 4600021503

Halifax, NS B3J 3Z8

**Contractor:** Marco Group Ltd

**Attn:** Ed Burley

**Email** ed.burley@novascotia.ca

**Project:** NSPW - St. Joseph A. MacKay School

Set No: 13		No. Of Specimens: 5		Date Cast: 23 Nov 2023					
Cyl	Date Tested	Age (Days)	Avg Diam (mm)	Cyl Mass (kg)	Cyl Density kg/m³	Max Load (kN)	Compressive Strength (MPa)	Failure Type	Failure Types
A	30 Nov 2023	7	102	3.84	2302	185	22.6	1	1
B	21 Dec 2023	28	102	3.792	2304	239	29.2	1	2
C	21 Dec 2023	28	102	3.661	2305	236	28.9	1	3
D	18 Jan 2024	AP	102						4
E	18 Jan 2024	AP	102						5
									6

  

Specified Properties		Test Information		Sample pickup at Site :	
28-day Strength (MPa):	25	Conc Temp°C	15.5	Slump (mm):	140
Slump (mm):	75	Air Temp°C :	10	Air(%):	4.8
Air (%):	4 - 7	Cast Time:	09:00	Cast By:	Englobe
Max Agg Size (mm):	20	Truck No.:	1180	Ticket No.:	1231287
		Initial curing Temp (CSA: 15 - 25 °C)		Date : 24 Nov 2023	
		Minimum: 16.0 Maximum: 21.0		Time : 10:00	
		Cure Type: Standard Std. Cure?: No		Rec'd Sample at Lab :	
				Date : 24 Nov 2023	
				Time : 11:00	

  

Supplier Information		Initial Curing Conditions	
Supplier:	Quality Concrete	Heated Curing Box	
Batch Time:	08:18	Test samples cast in reusable hard plastic moulds.	
Strength Delivered:	25 (MPa)	Section: Foundation Walls	
Mix No:	Q255A1A	Location: Gridline A	
Load Vol:	7.65 m³		
Cum Vol:	7.65 m³		
Additives:		Deviations:	
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"/>		
Fibers	<input type="checkbox"/> CNI <input type="checkbox"/>		
Extra Additives			
H2O Added <input type="checkbox"/> Authorized B			

**Set Tag Label:** KT1

**Placement Tech:** Kambale Tumbura

**Record No** 66642

**Lab Tech:** Pat McNamara

**Reviewer Signature:** 

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