



CONCRETE TEST REPORT

CSA A23.2-9C



CSA CERTIFIED LABORATORY FOR TESTING CONCRETE

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Client: NOVA SCOTIA DEPARTMENT OF PUBLIC WORKS
1672 Granville St, 3rd Floor
PO Box 186
Halifax, NS B3J 3Z8

Our Project No.: 02102531.111.0100.0101
Contract No.: F04-07-01-01
Client PO.: 4600021503
Contractor: Marco/ Techno

Attn: David Webber

Email david.webber@novascotia.ca

Project: NSPW - F04-07-01-01 Eastern Shore District (7-12) School

Set No: 95		No. Of Specimens: 5		Date Cast: 14 Dec 2023					
Cyl	Date Tested	Age (Days)	Avg Diam (mm)	Cyl Mass (kg)	Cyl Density kg/m ³	Max Load (kN)	Compressive Strength (MPa)	Failure Type	Failure Types
A	21 Dec 2023	7	102	3.831	2355	195	23.9	1	1
B	11 Jan 2024	28	102	3.824	2345				2
C	11 Jan 2024	28	102	3.851	2354				3
D	08 Feb 2024	ap	102	3.924					4
E	08 Feb 2024	ap	102	3.826					5
									6

Specified Properties	Test Information	Sample pickup at Site :
28-day Strength (MPa): 25	Conc Temp ^o C 17.5	Date : 15 Dec 2023
Slump (mm): Other	Air Temp ^o C : -4	Time : 11:00
Air (%): No AEA	Slump (mm): 175	Rec'd Sample at Lab :
Max Agg Size (mm): 20	Air(%): 1.7	Date : 15 Dec 2023
	Cast Time: 13:25	Time : 12:00
	Truck No.: 1104	
	Cast By: Englobe	
	Ticket No.: 1171322	
	Initial curing Temp (CSA: 15 - 25 °C	
	Minimum: 16.0 Maximum: 22.0	
	Cure Type: Standard Std. Cure?: No	
	Initial Curing Conditions Inside Site Office	
	Test samples cast in reusable hard plastic moulds.	
	Section: Slab on grade	
	Location: Gymnasium slab	
	Deviations:	

Supplier Information
Supplier: Quality Concrete
Batch Time: 12:13
Strength Delivered: 25 (MPa)
Mix No:
Load Vol: 7.65 m ³
Cum Vol: 84.15 m ³
Additives:
Heat <input checked="" type="checkbox"/> Superplasticizer <input checked="" type="checkbox"/>
Silica fume <input type="checkbox"/> Flyash <input checked="" type="checkbox"/>
Set Retarder <input type="checkbox"/> Air Entrainment <input type="checkbox"/>
Water Reducer <input type="checkbox"/> Accelerators <input type="checkbox"/>
Fibers <input checked="" type="checkbox"/> CNI <input type="checkbox"/>
Extra Additives
H2O Added <input type="checkbox"/> Authorized B

Set Tag Label: TP3

Placement Tech: Tristan Pye, Jody DeCoste

Record No 66806

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