

Client: NOVA SCOTIA DEPARTMENT OF PUBLIC WORKS

1672 Granville St, 3rd Floor

PO Box 186

Halifax, NS B3J 3Z8

Our Project No.: 02102531.099.0100.0101

Contract No.:

Client PO.:

Contractor:

Attn: Melanie Scholten

Email melanie.scholten@novascotia.ca

Project: NSPW - IWK Emergency Department Redevelopment

Set No: 84		No. Of Specimens: 6				Date Cast: 23 Nov 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	30 Nov 2023	7	102	3.913	2382	242	29.6	1	1
B	21 Dec 2023	28	102	3.745	2357	308	37.7	1	2
C	21 Dec 2023	28	102	3.796	2367	316	38.7	1	3
D	18 Jan 2024	AP	102	3.864					4
E	18 Jan 2024	AP	102	3.864					5
									6

Specified Properties		Test Information		Sample pickup at Site :	
28-day Strength (MPa):	25	Conc Temp ^o C	19.5	Slump (mm):	150
Slump (mm):	80 +/- 20	Air Temp ^o C :	10	Air(%):	4.2
Air (%):	4 - 7	Cast Time:	14:25	Cast By:	Englobe
Max Agg Size (mm):	20	Truck No.:	51504	Ticket No.:	24127931
		Initial curing Temp (CSA: 15 - 25 °C)		Rec'd Sample at Lab :	
		Minimum: 16.0 Maximum: 20.0 Cure Type: Standard Std. Cure?: Yes		Date : 24 Nov 2023	
				Time : 12:00	
				Date : 24 Nov 2023	
				Time : 13:00	

Supplier Information		Initial Curing Conditions	
Supplier:	OSCO	Initial curing Temp (CSA: 15 - 25 °C)	
Batch Time:	13:40	Minimum: 16.0 Maximum: 20.0 Cure Type: Standard Std. Cure?: Yes	
Strength Delivered:	25 (MPa)	Initial Curing Conditions Inside Curing Box w/ Insulation	
Mix No:	25201A25	Test samples cast in reusable hard plastic moulds.	
Load Vol:	7.5 m ³	Section: Verticals.	
Cum Vol:	7.5 m ³	Location: Walls on gridlines, 9(F - G), 8+(L - P), P(8 - 9)	
Additives:		Deviations: Warmer specimen 6	
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: JPG 2

Placement Tech: Jean-Paul Ghosn

Record No 66646

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