

R. W. Gillespie & Associates, Inc.

86 Industrial Park Road, Suite 4, Saco, ME 04072 207-286-8008
200 International Drive, Suite 170, Portsmouth, NH 03801 603-427-0244

LETTER OF TRANSMITTAL

City of Portland, Portland Int. Jetport

1001 Westbrook Street

Portland, Maine 04102

Date:	27 December 2010	Project No.:	557-14
Attention:	Mr. Cuyler Feagles (cmf@portlandmaine.gov)		
Re:	Concrete Testing Terminal Enhancement, Portland Int. Jetport Portland, Maine		

We are sending you attached concrete cylinder test results.

Cylinder No. (s)	Age (Days)
67883	28
67884	28

Remarks:

Copy To:
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Jeff Evans, Amec (jeff.evans@amec.com)

Signed: Bertha Dawn

If enclosures are not as noted, kindly notify us at once.

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CONCRETE TEST/PLACEMENT REPORT

Project Name: Terminal Enhancement, Portland Int. Jetport
Project No: 557-14
Weather Conditions: Cloudy
Method of Placement: Pump
Admixtures: Mid Range Water Reducer
Placement Location: Stairs: 22 Level 2 to 3, 20 Level 2 to 3, 18 Level 4 to 5, and Mechanical Curb/ Pads
Test Cylinder Location: Stairs 20 Level 2 to 3

Date Cylinders Cast: 29-Nov-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 3,500
Max Agg. Size: 3/8

Date Report Issued: DEC 28 2010

4x8 Cylinders	4	Cast by	Marco C. Stone	Time		
Load No.	2	Slump (in) ASTM C 143	6" into pump		Batched @	8:25
Ticket No.	179565	Air (°F)	41		Arrived @	--
Truck No.	86	Concrete (°F) ASTM C 1064	60		Total Time	--
Cubic Yds.	4	Air Content (%) ASTM C 231	1.8			

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received 30-Nov-10
 Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
67882	06-Dec-10	4.010	12.63	7	41,880	3320	2
67883	27-Dec-10	3.995	12.53	28	54,020	4310	5
67884	27-Dec-10	3.995	12.53	28	53,400	4260	4
67885	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks



Cone
1



Cone & Split
2



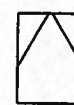
Columnar
3



Shear
4



Side Fracture
5



Double Side Fracture
6

Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
1	179559	116	5	--	--	--	--	--
3	179572	98	4	--	--	--	--	--

Remarks:

Checked by: Matthew T. Grady
 For Matthew T. Grady, Manager of MTS