



## Report of Mortar Compressive Strength

ASTM C109

**Project Name:** Portland Me - The Park Danforth - Construction Materials Testing Services

**Project Number:** 14-0065.2

**Client:** The Park-Danforth

**Client Contract Number:**

**General Contractor:**

**Masonry Contractor:** ON-SITE

### PLACEMENT INFORMATION

**Date Cast:** 4/28/2016      **Time Cast:** 8:30      **Date Received:** 4/29/2016

**Placement Location:** ELEVATOR SHAFT 2ND FLOOR BETWEEN B.9 & B.3 AND BETWEEN 1 & 1.5 MID HEIGHT

**Batch Method:** HAND/TROWEL

**Product Manufacturer:**

**Specimens Made By:** CHARLES CROMWELL

**Aggregate:**

### INITIAL CURING CONDITIONS

**Min. Temp (°F)**      **Max. Temp (°F)**

### MIX INFORMATION

**Mortar Type:** S

**Admixtures:**

### TEST RESULTS

**Air Temp (°F):** 40

**Mortar Temp (°F) (C-1064):** 50

**Ambient RH (%):**

**Flow Cone (%):**

Cube Designation	Area(In) <sup>2</sup>	Date Of Test	Age (days)	Load (kips)	Strength (psi)
730-58A	4.03	5/5/2016	7	14.6	3620
730-58B	4.07	5/5/2016	7	14.2	3490
730-58C	4.06	5/5/2016	7	13.6	3350
730-58D	4.08	5/26/2016	28	11.1	2730
730-58E	4.05	5/26/2016	28	10.3	2540
730-58F	2.40	5/26/2016	28	10.1	4200

Remarks:

Note: ASTM C270 specifies mortar testing under laboratory conditions only for acceptance of mortar mixes under the property specification. Field sampling and testing of mortar is conducted under ASTM C780 and is used to verify consistency of materials and procedures, not mortar strength.