Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: PORTLAND - OCEAN GATEWAY TERMINAL - MATERIALS TESTING

Project Number: 05-0134

Client: REED & REED, INC.

Client Contract Number:

General Contractor:

Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 7/3/2007 **Time Cast:** 7:45 **Date Received:** 7/4/2007

Placement Location: TERMINAL BUILDING ELEVATOR PIT AND COLUMN BONDOUT

Placement Method: CHUTE

Cylinders Made By: JLD

Placement Vol. (yd³): 15

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (ºF) **Maximum (ºF)**

DELIVERY INFORMATION

Admixtures: NONE

TEST RESULTS

Slump (in) (C-143): 4 1/2

Air Content (%) (C-231): 2.1

Air Temp (ºF): 57

Conc. Temp (ºF) (C-1064): 65

Load Number: 1

Mixer Number: 116

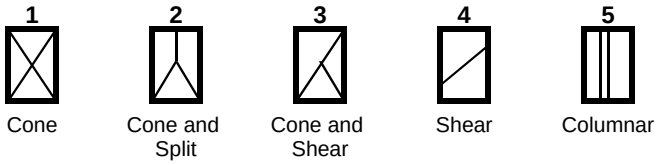
Ticket Number: 130939

Cubic Yards: 5

Design (psi): **4000**

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(In)²	Date Of Test	Cure Type	**Age (days)**	Fracture Type	Load (kips)	**Strength (psi)**
561-48A		6.00	28.27	7/10/2007	Lab	**7**	4	99.5	**3520**
561-48B		6.00	28.27	7/31/2007	Lab	**28**	4	128.5	**4550**
561-48C		6.00	28.27	7/31/2007	Lab	**28**	4	129.0	**4560**
561-48D				Hold	Lab				

Fracture Types



Remarks:

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