

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: 9/15/2006 **Time Cast:** 7:25 **Date Received:** 9/16/2006

Placement Location: LAUNCH FOR SLAB FOR INTERIOR MASONRY WALL

Placement Method: TAILGATE

Placement Vol. (yd³): 6

Cylinders Made By: DMR

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: POZZOLITH 100XR,
MICROSILICA,
POLYHEED 1020

TEST RESULTS

Slump (in) (C-143): 3.5 **Slump WR:** 7

Load Number: 1

Air Content (%) (C-231): **Air WR:** 7.9

Mixer Number: 117

Air Temp (°F): 60

Ticket Number: 108058

Conc. Temp (°F) (C-1064): 77

Cubic Yards: 6

Design (psi): 5075

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)
561-29A		6.00	28.27	9/22/2006	Lab	7	4	137.5	4860
561-29B		6.00	28.27	10/13/2006	Lab	28	4	172.0	6080
561-29C		6.00	28.27	10/13/2006	Lab	28	4	180.5	6380
561-29D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: