



Concrete Compression Test Report

	Project Number:	2010-SLD
	Project Name:	Dataforensics Test Project
	Location:	New Big Building

Mix Data

Supplier:	Southern Star	Slump Requirement:	3 - 5 in.
Set Number:	2	Air Content Requirement:	5 - 8%
W/C Ratio	0.5		

Sample Data

Sample Date:	05/19/2011	Cure Type:	Field
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Set Data (ASTM C31)

Lab Number:	8	Slump (ASTM C143):	6* in.
Set Number:	2	Ambient Temperature:	80 °F
Time Cast:	19:00	Concrete Temperature (ASTM C1064):	75 °F
Field Technician:	Jim Turner	Air Content (ASTM C173/C231):	5 %
Truck/Ticket Number:	54321 / 12345	Unit Weight - Fresh (ASTM C138):	145 pcf

Placement Location:

Laboratory Compression Test Results

Lab No.	Test Date	Test Age (Days)	Diameter (in.)	Area (sq. in.)	Maximum Load (lb.)	Strength (psi)	Required Strength (psi)	Break Type
8 A	6/2/2011	14	6	28.27	120000	4240	4000	1
8 B	6/2/2011	14	6	28.27	100000	3540	4000	1
8 C	6/16/2011	28	6	28.27	144000	5090	5000	1
8 D	6/15/2011	28	6	28.27	141000	4990	5000	1
8 E	6/16/2011	28	6	28.27	141000	4990	5000	1
Average 28 Day Strength						5020		

Sampled materials MEET the strength requirement as noted.

Notes:

* Indicates does not comply with the specification. The results are applicable only to the specific concrete sample tested and may not be indicative of the strength or quality of other concrete placed on this date. This report is for the exclusive use of the client to whom it is addressed and may not be reproduced, except in full, without written permission.

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