



Dataforensics
 3280 Pointe Parkway Suite 2000
 Norcross, GA 30092
 Phone 678-406-0106
 Fax 678-367-0870

CONCRETE COMPRESSION TEST REPORT

Report To:	Our client 333 Elm Street Covington, KY 40404	Project Number:	2006-0001
		Project:	Charlotte Airport
		Location:	Some street

Mix Data

Material Type:	Concrete	Aggregate Size:	0.05
Supplier:	ACME Concrete	Admixture:	Pozzollans
Set Number:	Set-5	Specified Strength:	4000 psi at 14 days
Cement Factor:	1	Slump Requirement:	2-6 in.
		Air Content Requirement:	4-8 %

Sample Data

Sample Date:	1/18/07
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Set Data (ASTM C31)

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Laboratory Number:		Slump (ASTM C143):	3 in.
Set Number:	Set-5 of 17	Ambient Temperature:	45 °F
Time Cast:	9:42am	Sample Temperature (ASTM C1064):	80 °F
Field Technician:	SLD	Air Content (ASTM C173/C231):	3.0 %
Truck/Ticket Number:	123 / 456	Unit Weight-Fresh (ASTM C138):	115.0 pcf
Testing Technician:		Unit Weight-Dry (ASTM C567):	--- pcf
Placement Location:			

Test Data (ASTM C39)

Sample Number	Date Tested	Age	Dimensions (in)	Area (in ²)	Load (lbf)	Corr. Factor	Cure Type	Fract. Type	Comp. Str. (psi)
1	1/21/07	3	6 X 12	28.27	100000	1.00	Lab	A	3540
2	1/25/07	7	6 X 12	28.27	110000	1.00	Lab	B	3890
3	2/1/07	14	5.5 X 12	23.76	100000	1.00	Lab	A	4210
4	2/15/07	28	6 X 6	28.27	150000	0.87	Lab	A	4620

Cure Type: L-Laboratory; F-Field
 Fracture Type: A-Cone; B-Cone/Split; C-Cone/Shear; D-Shear; E-Columnar

Average 28-day Compressive Strength = 4620 psi

Defects not apparent unless otherwise noted.
 Sampled materials MEET the specified 28-day strength requirement as noted.

Submitted by,
Dataforensics

(7/18/07)