

JAN-30-2002 14:54

MATERIALS ENGINEERING

201 2162949 P.03/11

THE PORT AUTHORITY OF NY & NJ

Engineering Department
Materials Engineering Division
Report of Compressive Tests of Concrete

Field Information ID: 15715

Mix#: 1870

Contract: WTC 000.001

Structure: WTC Slurry Wall

Contractor: Nicholson

Location/Pour: tieback - West St - W6DR

Date: Sun Jan 27, 02

Batched at: On Site

Specimens Made By Petruzzella, F.

T.L.P

Time Cyl. Made: 1:15 PM

Mixer: Liberty

Load: c.y.

Capacity: c.y.

Truck:

Mixed Field:

Mixed Plant:

Sample Taken From: hopper

Air Content: % ☒ Pressure ☐ Volumetric

Slump - ASTM C143: Inches

Plant Inspector

Const. Insp:

Randy

Consistency:

good

Weather: clear

TEMPERATURE: Air 53 F

Concrete - ASTM C1046 64 F

Lot#:

Sub Lot#:

Class: 3000

Description:

Tieback Grout

Latex:

Pump

Lt. Wt

No Plant Inspector

	Cement 1	Cement 2	Fly Ash	Slag	Silica Fume	Fine Agg	Coarse Agg. Size	Water Added:	
Source								At Plant	0 gal
Sp. Grav.	3.15	3.15	2.3	2.92	2.2			In Field	0 gal
Type								In Agg	gal
								Total	gal
								Total	lb
Dry Wt.	0	0	0	0	0	0	0		

Admixtures	Name	Plant Added	Units	Field Added	Units	% Water	Spec. Grav.	Weight (lb)	Wt. Cu. Ft. - ASTM C138 -
AEA		0	oz	0	oz	82	1	0.0	Gross Wt: lb
Water Reducer		0	oz	0	oz	63	1	0.0	Tare: 0 lb
High Range W/R		0	oz	0	oz	63	1	0.0	Net Weight: lb
Accelerator		0	oz	0	oz	60	1	0.0	Factor: 4 lb
Fiber		0	oz	0	oz	-	1	0.0	= lb/cf
Latex		0	gal	0	oz	52	1	0.0	

Proportions By Weight per Cubic Yard

Yield:

c.f.

c.y

Ab. Vol

c.f.

% Air

	Cement 1	Cement 2	Fly Ash	Slag	Silica F	Fine Agg	Coarse Ag	AEA	WRed	HRWR	Accel	Fiber	Latex	W/C	Slump	Air	U Wt
Design																	
Batch																	

AASHTO TP 23 Microwave W/C

Type of Fracture: (a) Cone (b) Cone Split (c) Cone Shear (d) Shear (e) Columnar - Conical is standard unless otherwise noted -

COMPRESSIVE STRENGTH - ASTM C39 (Nominal 6" x 12" Cylinder)

Standard 73 M.R. Curing

Ambient Atmospheric Curing

Age	Site	Cy #	Wt (lb)	D (lb/cf)	H (in)	Diam (in)	Area	Type	Fracture	Strength	Operator
3	1	4309			2.00	2.00	4.00	Cube		3923	Cavalari, C
3	1	4310			2.00	2.00	4.00	Cube		3684	Cavalari, C
3	1	4311			2.00	2.00	4.00	Cube		3918	Cavalari, C
7	1	4312			2.00	2.00	4.00	Cube			
7	1	4313			2.00	2.00	4.00	Cube			
7	1	4314			2.00	2.00	4.00	Cube			
28	1	4315			2.00	2.00	4.00	Cube			
28	1	4316			2.00	2.00	4.00	Cube			
28	1	4317			2.00	2.00	4.00	Cube			
365	1	4318			2.00	2.00	4.00	Cube			
365	1	4319			2.00	2.00	4.00	Cube			
365	1	4320			2.00	2.00	4.00	Cube			
365	1	4321			2.00	2.00	4.00	Cube			
365	1	4322			2.00	2.00	4.00	Cube			
365	1	4323			2.00	2.00	4.00	Cube			

Average (PSI)		
Days	Type	Strength
3	Cube	3841
7	Cube	
28	Cube	
365	Cube	

Dist. by

Report Forwarded by:

Engineer of Material

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