TWINING LABORATORIES OF SOUTHERN CALIFORNIA

3310 Airport Way, Long Beach, CA 90806
Ph: 562.426.3355 Fax: 562.426.6424
www.twininglabs.com

Compression Test On Concrete

Customer: TN & ASSOCIATES
ATTN: JOHN WINGATE
317 EAST MAIN STREET
VENTURA, CA. 93001

Print Date: 11/16/2006
Lab Number: 1-11-060052544
Project No: 060539.1
Permit No:
OSHPD:
DSA AP #:
DSA File #:

Project: PEMACO REMEDIAL ACTION
5973 S. DISTRICT BLVD.
MAYWOOD, CA.

Architect
SALSA STEEL CORD
Engineer
JOHN WINGATE #C68582
Client's Customer:

Contractor
TN & ASSOC.
SubContractor
ROBERTSONS

Sampled From: CONTAINMENT FOOTER, ALL A & B FOOTERS, CONTAINMENT CURB, N , TRENCH DRAIN-SUMP FLR., SLAB FOR *

	Specified	Measured					
Slump (in):	4	5	Date Cast:	10/12/2006	Specimen By:	DEBORAH BAYEK-ALL CITY	
Air Content (%):	1.25		Received On:	10/13/2006	Delivered By:	TLSC	
Density (pcf):			Mix:	34201			
Ambient Temp (F):		65	Spec Str. (Psi):	4000	@	28	Days
Concrete Temp (F):		74	Spec Str. (Psi):	0	@	0	Days

Test Date:	10/16/2006	10/19/2006	11/9/2006	
Specimen #:	1-1	2-2	3-3	4-4
Cust Spec #:				
Age (Days):	4 Day	7 Day	28 Day	Hold
Dims (in):	6.01X12.00	6.01X12.00	6.01X12.00	
Area (sq. in):	28.37	28.37	28.37	
L/D or hp/tp:	2.00	2.00	2.00	
Total Load (lbf):	96741	121139	140147	
Comp Str (psi):	3410	4270	4940	
Corr Factor:	1.00	1.00	1.00	
Corr Str (psi):	3410	4270	4940	

Average 28 Day Strength: 4940

Procedures: ASTM C31 (Specimen Prep) , ASTM C39 (Compressive Strength), ASTM C143 (Slump) **Specimen Shape:** Cylinders

Compliance: Most Recent Test Results ☑ **Comply** ☐ **Did Not Comply** **With Specified Strength**

TN & ASSOCIATES 1 *PAUL SOLTIS - FILE COPY* 1

Comments:

*ELEC. RM. GRIDS 1-6 & A-D.

Paul C Soltis 30 Nov 06

FOR: Hung Nguyen Civil Engineer Date

All Reports Remain The Property Of TWINING LABORITORIES of SOUTHERN CALIFORNIA, INC. Authorization For The Publication Of Our Reports, Conclusions, Or Extracts From Or Regarding Them Is Reserved Pending Our Written Approval As A Mutual Protection To Clients, The Public And Ourselves.

TWINING LABORATORIES OF SOUTHERN CALIFORNIA

3310 Airport Way, Long Beach, CA 90806
Ph: 562.426.3355 Fax: 562.426.6424
www.twininglabs.com

Compression Test On Concrete

Customer: TN & ASSOCIATES
ATTN: JOHN WINGATE
317 EAST MAIN STREET
VENTURA, CA. 93001

Print Date: 11/15/2006
Lab Number: 1-11-060052698
Project No: 060539.1
Permit No:
OSHPD:
DSA AP #:
DSA File #:

Project: PEMACO REMEDIAL ACTION
5973 S. DISTRICT BLVD.
MAYWOOD, CA.

Architect
SALSA STEEL
Engineer
JOHN WINGATE
Client's Customer: SOG

Contractor
TN & ASSOC.
SubContractor
CLVENGER CONST.

Sampled From: ~~S06~~ N/E CORNER @ 1.5/C.5, 10 YDS, SET 1

	Specified	Measured
Slump (in):	4	5
Air Content (%):		
Density (pcf):		
Ambient Temp (F):		
Concrete Temp (F):		

Date Cast: 10/13/2006
Received On: 10/14/2006
Specimen By: C. WEHRHAN-TLSC
Delivered By: TLSC
Mix: 34201
Spec Str. (Psi): 4000 @ 28 Days
Spec Str. (Psi): 0 @ 0 Days

Test Date:	10/20/2006	11/10/2006	11/10/2006	
Specimen #:	1-1	2-2	3-3	4-4
Cust Spec #:				
Age (Days):	7 Day	28 Day	28 Day	Hold
Dims (in):	6.01X12.00	6.01X12.00	6.01X12.00	
Area (sq. in):	28.37	28.37	28.37	
L/D or hp/tp:	2.00	2.00	2.00	
Total Load (lbf):	97876	136176	128799	
Comp Str (psi):	3450	4800	4540	
Corr Factor:	1.00	1.00	1.00	
Corr Str (psi):	3450	4800	4540	

Average 28 Day Strength: 4670

Procedures: ASTM C31 (Specimen Prep) , ASTM C39 (Compressive Strength), ASTM C143 (Slump) **Specimen Shape:** Cylinders

Compliance: Most Recent Test Results ☑ **Comply** ☐ **Did Not Comply** **With Specified Strength**

TN & ASSOCIATES *1* *PAUL SOLTIS - FILE COPY* *1*

Comments:

Paul Soltis 30Nov06

FOR Hung Nguyen Civil Engineer Date

All Reports Remain The Property Of TWINING LABORITORIES of SOUTHERN CALIFORNIA, INC. Authorization For The Publication Of Our Reports, Conclusions, Or Extracts From Or Regarding Them Is Reserved Pending Our Written Approval As A Mutual Protection To Clients, The Public And Ourselves.

TWINING LABORATORIES OF SOUTHERN CALIFORNIA

3310 Airport Way, Long Beach, CA 90806
Ph: 562.426.3355 Fax: 562.426.6424
www.twininglabs.com

Compression Test On Concrete

Customer: TN & ASSOCIATES
ATTN: JOHN WINGATE
317 EAST MAIN STREET
VENTURA, CA. 93001

Print Date: 11/15/2006
Lab Number: 1-11-060052699
Project No: 060539.1
Permit No:
OSHPD:
DSA AP #:
DSA File #:

Project: PEMACO REMEDIAL ACTION
5973 S. DISTRICT BLVD.
MAYWOOD, CA.

Architect
SALSA STEEL
Engineer
JOHN WOUGATE
Client's Customer:

Contractor
TN & ASSOC.
SubContractor
CLEVENGER CONST.

Sampled From: SLAB ON ~~GRIDE,~~ GRADE (PL) MIDDLE SECTION @ 4.5/C, 70YDS & SET 2.

	Specified	Measured					
Slump (in):	4	4.5	**Date Cast:**	10/13/2006	**Specimen By:**	CHARLES WEHTHAN	
Air Content (%):			**Received On:**	10/14/2006	**Delivered By:**	TLSC	
Density (pcf):			**Mix:**	34201			
Ambient Temp (F):			**Spec Str. (Psi):**	4000	@	28	**Days**
Concrete Temp (F):			**Spec Str. (Psi):**	0	@	0	**Days**

Test Date:	10/16/2006	11/10/2006	11/10/2006	
Specimen #:	1-1	2-3	3-2	4-4
Cust Spec #:				
Age (Days):	3 Day	28 Day	28 Day	Hold
Dims (in):	6.01X12.00	6.01X12.00	6.01X12.00	
Area (sq. in):	28.37	28.37	28.37	
L/D or hp/tp:	2.00	2.00	2.00	
Total Load (lbf):	89365	134190	137594	
Comp Str (psi):	3150	4730	4850	
Corr Factor:	1.00	1.00	1.00	
Corr Str (psi):	3150	4730	4850	

Average 28 Day Strength: 4790

Procedures: ASTM C31 (Specimen Prep) , ASTM C39 (Compressive Strength), ASTM C143 (Slump) **Specimen Shape:** Cylinders

Compliance: Most Recent Test Results ☑ **Comply** ☐ **Did Not Comply** **With Specified Strength**

TN & ASSOCIATES *1* *PAUL SOLTIS - FILE COPY* *1*

Comments:

FOR: Hung Nguyen — Civil Engineer — 30 Nov 06 Date

All Reports Remain The Property Of TWINING LABORITORIES of SOUTHERN CALIFORNIA, INC. Authorization For The Publication Of Our Reports, Conclusions, Or Extracts From Or Regarding Them Is Reserved Pending Our Written Approval As A Mutual Protection To Clients, The Public And Ourselves.