

Job Stamp 04-0120F4 SFOBB SAS
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Const. Calendar:	624			
Project Work Day No.:	824			
Date	08/28/2008			
Inspectors	Start	N/A	Stop	N/A
Hours				
Shift Hours	07:00			15:30

ASSISTANT RESIDENT ENGINEER'S **CONTRACTOR – ABFJV, Sub SDI**

**Weather:** Sunny with warm temperatures – Hi 94°F Low 64°F (per weather.com forecast)

**Office and miscellaneous work:**

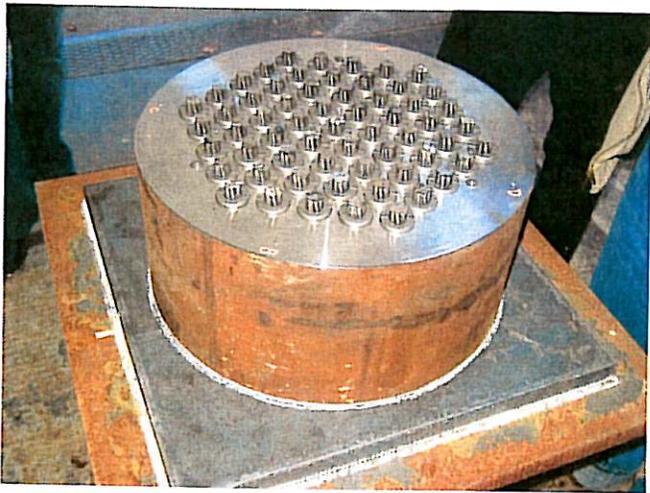
- Attended testing of the cable tiedown anchor head at the UC Berkeley testing facility in Richmond at 10:00am with Pamela and Lalit. Other key attendees included Mike Davis of Schwager Davis Inc., Michael Lewis of ABF, Rosme Aguilar of METS and his staff.
- Continued to calculate elevations for the vertical PT rods along with reviewing the contract plans and submittal 150.
- Wrote today's diary.

**Inspector:**

Matt Bruce *Matt Bruce* Transportation Engineer (D)

EA	04-0120F4		
Co-Rte-KP (PM)	SF-080-13.2/13.9 (8.2/8.7)		
Structure Rep.	Rick Morrow		

	
File Name: Aug-28-2008 W2 Cap 001	File Name: Aug-28-2008 W2 Cap 002
Date: 08-28-08	Date: 08-28-08
By Int: M Bruce	By Int: M Bruce
Description: Cable tiedown anchor head sitting on the testing pedestal/bearing plate. Wedges and partial portions of 0.6" strand were installed the previous day prior to testing. The strands were to be cut at a horizontal plane and be level with the load distribution plate. However there were a few strands that were slightly higher or lower in certain areas.	Description: The anchor head tested had a heat number SDI-61.6 TT001758. It is my understanding from talking with Rosme that this anchor head failed to reach the specified yield stress of 51psi (achieved 47ksi). Also the chemical composition of the anchor head hasn't been determined due to the fact that the report is in German.

REC'D \*08 SEP-06 #006530

EA	04-0120F4
Co-Rte-KP (PM)	SF-080-13.2/13.9 (8.2/8.7)
Structure Rep.	Rick Morrow

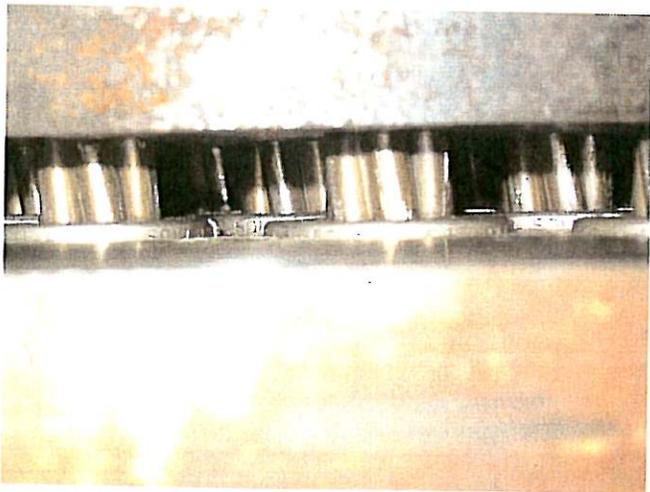


File Name:	Aug-28-2008 W2 Cap 003
Date:	08-28-08
By Int:	M Bruce

Description: UC Berkeley testing facility UTM (hydraulic type), which is rated for 4,000kips in compression and 3,000kips in tension. The anchor head was tested to 3,400kips in compression.

File Name:	Aug-28-2008 W2 Cap 012
Date:	08-28-08
By Int:	M Bruce

Description: Photo taken at 50%GUTS of the test. The strands were checked at this point to see if there were any deformations or splitting of the strands. The higher strands appeared to have split ever so slightly.



File Name:	Aug-28-2008 W2 Cap 014
Date:	08-28-08
By Int:	M Bruce

Description: Close up view of the strands at 50%GUTS.

File Name:	Aug-28-2008 W2 Cap 015
Date:	08-28-08
By Int:	M Bruce

Description: Indentations on the load distribution plate after imposing a load of 95%GUTS. There appeared to be no visual damage to the strands after the test. As mentioned above the only noticeable damage was minor splitting of the strands.