

May 2, 2019

**KENNETH C. JANDA**  
**DEAN, SCHOOL OF PHYSICAL SCIENCES**

RE: April 2019 Prevalent 24/7 Air Monitoring Report for Rowland Hall

Dear Dean Janda,

The attached report from Omega Environmental, dated April 29, 2019, provides April 8 – 12, 2019 prevalent 24/7 air monitoring results for Rowland Hall, including during non-asbestos-related construction activities.

We have reviewed the report, including the air sample measurements. Based on our review, the air sample data has been determined to meet the Environmental Protection Agency (EPA) clearance criteria of 0.01 fibers per cubic centimeters of air (f/cc), which means the air quality in public spaces met or exceeded all applicable standards.

If you have any questions regarding the environmental health and safety of Rowland Hall, please don't hesitate to contact us via phone (**949.824.6889**) or email (**magomez@uci.edu**). After hours calls may be directed to 949.824.6200.

If you have any questions regarding the construction activities on the fifth floor of Rowland Hall, please contact Design and Construction Services Senior Project Manager Chris Schneider via email (**jcshne1@uci.edu**).

We look forward to a safe and successful completion of the Rowland Hall fire life safety improvement project. Please let us know if you have any questions.

Sincerely,



Marc A. Gomez  
Assistant Vice-Chancellor  
Environmental Health and Safety



Alvin Samala  
Industrial Hygiene Manager  
Environmental Health and Safety

Attachment



Asbestos Air Monitoring Summary Report  
University of California, Irvine  
Rowland Hall  
Irvine, California 92618

Project Number 2019-3299UCI  
April 29, 2019

Prepared For:

Susan Robb  
University of California, Irvine  
4600 Health Science Road  
Irvine, California 92697

Prepared By:

Navid Salari  
Omega Environmental Services  
4570 Campus Drive, Suite 30  
Newport Beach, California 92660

A handwritten signature in black ink, appearing to read "Navid Salari", with a horizontal line underneath.

Navid Salari

Sr. Project Manager, CAC #94-1597

A handwritten signature in blue ink, appearing to read "Steve Rosas", with a horizontal line underneath.

Steve Rosas

Principal, CAC #92-0284



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**ATTACHMENT A**

PCM Air Sample Results, Daily Notes and Inspectors' Certifications

## 1. EXECUTIVE SUMMARY

The following is an air monitoring summary report for work performed at Rowland Hall, Building 400 located at the University of California, Irvine (UCI) in Irvine California. The scope of work consisted of around the clock air monitoring from Monday through Friday, including during general non-asbestos construction activities throughout the subject building.

Chris Canas, a California Certified Site Surveillance Technician (CSST #16-5978), and Jesse Sanchez an (EPA-AHERA<sup>1</sup> Building inspector), with Omega Environmental Services, Inc. (Omega) performed the air monitoring from April 8 through April 12, 2019. Attachment A includes copies of the air sample results, daily notes and inspectors' certifications.

## 2. AIR SAMPLE RESULTS

Area air samples were collected at select locations in the building each work shift. The purpose of the area air monitoring was to measure the airborne fiber concentrations in the subject building. Analyses was performed using the Phase Contrast Microscopy (PCM) analytical methodology as described in National Institute for Occupational Safety and Health (NIOSH) 7400 A protocol. Omega's representatives are NIOSH-582<sup>2</sup> certified and analyzed the collected air samples at the site. Table 1 provides a summary of the air sample results:

Table 1 - Air Sample Results

Date	Sample #	Sample Locations / Work Activity	Result (f/cc)
04/08/19	1	Service floor hallway / FM construction in assigned area	<0.002
04/08/19	2	1 <sup>st</sup> floor hallway / None	<0.002
04/08/19	3	2 <sup>nd</sup> floor hallway / None	<0.002
04/08/19	4	Service floor hallway / None	<0.002
04/08/19	5	1 <sup>st</sup> floor hallway / None	<0.002
04/08/19	6	2 <sup>nd</sup> floor hallway / None	<0.002
04/08-09/19	7	Service floor hallway / Cosco installing fire system	<0.002
04/08-09/19	8	1 <sup>st</sup> floor hallway / None	<0.002
04/08-09/19	9	2 <sup>nd</sup> floor hallway / Cosco installing fire system	<0.002
04/08-09/19	10	3 <sup>rd</sup> floor hallway / None	<0.002
04/08-09/19	11	4 <sup>th</sup> floor hallway / Retrofit lights	<0.002
04/08-09/19	12	5 <sup>th</sup> floor hallway / None	<0.002
04/09/19	1	Service floor hallway / FM construction in assigned area	<0.002
04/09/19	2	1 <sup>st</sup> floor hallway / None	<0.002
04/09/19	3	2 <sup>nd</sup> floor hallway / None	<0.002

<sup>1</sup> Asbestos Hazard Emergency Response Act

<sup>2</sup> NIOSH-582 or equivalent – Individual trained to analyze samples by Phase Contrast Microscopy



Date	Sample #	Sample Locations / Work Activity	Result (f/cc)
04/09/19	4	Service floor hallway / None	<0.002
04/09/19	5	1 <sup>st</sup> floor hallway / None	<0.002
04/09/19	6	2 <sup>nd</sup> floor hallway / None	<0.002
04/09-10/19	7	Service floor, hallway / BNB & Cosco installing fire system	<0.002
04/09-10/19	8	1 <sup>st</sup> floor, hallway / None	<0.002
04/09-10/19	9	2 <sup>nd</sup> floor, hallway / BNB & Cosco installing fire system	<0.002
04/09-10/19	10	3 <sup>rd</sup> floor, hallway / None	<0.002
04/09-10/19	11	4 <sup>th</sup> floor, hallway / None	<0.002
04/10/19	1	Service floor hallway / FM construction in assigned area	<0.002
04/10/19	2	1 <sup>st</sup> floor hallway / None	<0.002
04/10/19	3	2 <sup>nd</sup> floor hallway / None	<0.002
04/10/19	4	Service floor hallway / None	<0.002
04/10/19	5	1 <sup>st</sup> floor hallway / None	<0.002
04/10/19	6	2 <sup>nd</sup> floor hallway / None	<0.002
04/10-11/19	7	Service floor hallway / BNB & Cosco installing fire system	0.003
04/10-11/19	8	1 <sup>st</sup> floor hallway / None	<0.002
04/10-11/19	9	2 <sup>nd</sup> floor hallway / BNB & Cosco installing fire system	<0.002
04/10-11/19	10	3 <sup>rd</sup> floor hallway / Retrofit lights	<0.002
04/10-11/19	11	4 <sup>th</sup> floor hallway / None	<0.002
04/11/19	1	Service floor hallway / FM construction in assigned area	<0.002
04/11/19	2	1 <sup>st</sup> floor hallway / None	<0.002
04/11/19	3	2 <sup>nd</sup> floor hallway / None	<0.002
04/11/19	4	Service floor hallway / None	<0.002
04/11/19	5	1 <sup>st</sup> floor hallway / None	<0.002
04/11/19	6	2 <sup>nd</sup> floor hallway / None	<0.002
04/11-12/19	7	Service floor hallway / Moving equipment	<0.002
04/11-12/19	8	1 <sup>st</sup> floor hallway / None	<0.002
04/11-12/19	9	2 <sup>nd</sup> floor hallway / BNB & Cosco installing fire system	<0.002
04/11-12/19	10	3 <sup>rd</sup> floor hallway / Retrofit lights	<0.002
04/11-12/19	11	4 <sup>th</sup> floor hallway / None	<0.002
04/12/19	1	Service floor hallway / FM construction in assigned area	<0.002
04/12/19	2	1 <sup>st</sup> floor hallway / None	<0.002
04/12/19	3	2 <sup>nd</sup> floor hallway / None	<0.002

f/cc – Fibers per cubic centimeter

Based on the results of the PCM analysis, all samples were found to contain fiber concentrations less than the EPA Clearance Criteria of 0.01 f/cc.



Attachment A

## PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine	
Sample Date:	4/8/19 – 4/9/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Christopher Cañas and Jessie Sanchez	
Date Analyzed:	4/8/19 – 4/9/19	



Sample ID: 1	Start time: 0605	End time: 1405
Sample location: Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: FM construction in assigned area	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 2	Start time: 0608	End time: 1408
Sample location: 1st floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 2.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 3	Start time: 0610	End time: 1410
Sample location: 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 4	Start time: 1400	End time: 2200
Sample location: Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 3.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 5	Start time: 1400	End time: 2200
Sample location: 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 6	Start time: 1401	End time: 2201
Sample location: 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample name (print) : Christopher Cañas and Jessie Sanchez  
 Signature : *C. Cañas / JS* Page 1 of 3

## PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine	
Sample Date:	4/8/19 – 4/9/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Christopher Cañas and Jessie Sanchez	
Date Analyzed:	4/8/19 – 4/9/19	



Sample ID: 7	Start time: 2200	End time: 0600
Sample location: Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: Cosco installing fire system	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 8	Start time: 2200	End time: 0600
Sample location: 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 9	Start time: 2201	End time: 0601
Sample location: 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: Cosco installing fire system	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 10	Start time: 2201	End time: 0601
Sample location: 3 <sup>rd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 11	Start time: 2202	End time: 0602
Sample location: 4 <sup>th</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: Retrofit lights	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 12	Start time: 2202	End time: 0602
Sample location: 5 <sup>th</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 2.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample name (print)	: Christopher Cañas and Jessie Sanchez	
Signature	:	Page <u>2</u> of <u>3</u>



## PCM/TEM Sample Data Sheet

Project Number: 2019-3299UCI  
 Project Site Address: UC Irvine  
 Sample Date: 4/8/19 – 4/9/19  
 Analysis type: PCM (NIOSH 7400A)  
 Analysis by: Christopher Cañas and Jessie Sanchez  
 Date Analyzed: 4/8/19 – 4/9/19




Sample ID: 13	Start time: *	End time: *
Sample location: <b>FIELD BLANK</b>	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

Sample ID: 14	Start time: *	End time: *
Sample location: <b>SEALED BLANK</b>	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 0
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

Sample name (print) : Christopher Cañas and Jessie Sanchez

Signature : *cc / js*

## PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine	
Sample Date:	4/9/19 – 4/10/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Christopher Cañas and Jessie Sanchez	
Date Analyzed:	4/9/19 – 4/10/19	

Sample ID: 1	Start time: 0605	End time: 1405
Sample location: Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: FM construction in assigned area	No of fibers: 4.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

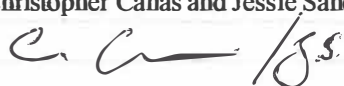
Sample ID: 2	Start time: 0608	End time: 1408
Sample location: 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 3	Start time: 0610	End time: 1410
Sample location: 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		


Sample ID: 4	Start time: 1400	End time: 2200
Sample location: Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 5	Start time: 1400	End time: 2200
Sample location: 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 6	Start time: 1401	End time: 2201
Sample location: 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample name (print)	: Christopher Cañas and Jessie Sanchez	
Signature	: 	Page <u>1</u> of <u>3</u>

## PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine	
Sample Date:	4/9/19 – 4/10/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Christopher Cañas and Jessie Sanchez	
Date Analyzed:	4/9/19 – 4/10/19	

Sample ID: 7	Start time: 2200	End time: 0600
Sample location: Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: <b>BNB &amp; Cosco installing fire system</b>	No of fibers: 1.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		


Sample ID: 8	Start time: 2200	End time: 0600
Sample location: 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: none	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 9	Start time: 2201	End time: 0601
Sample location: 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: <b>BNB &amp; Cosco installing fire system</b>	No of fibers: 1.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 10	Start time: 2201	End time: 0601
Sample location: 3 <sup>rd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 11	Start time: 2202	End time: 0602
Sample location: 4 <sup>th</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 12	Start time: *	End time: *
Sample location: <b>FIELD BLANK</b>	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

Sample name (print)	: Christopher Cañas and Jessie Sanchez	
Signature	: 	Page <u>2</u> of <u>3</u>

## PCM/TEM Sample Data Sheet

Project Number: 2019-3299UCI  
 Project Site Address: UC Irvine  
 Sample Date: 4/9/19 – 4/10/19  
 Analysis type: PCM (NIOSH 7400A)  
 Analysis by: Christopher Cañas and Jessie Sanchez  
 Date Analyzed: 4/9/19 – 4/10/19



Sample ID: 13	Start time: *	End time: *
Sample location: <b>SEALED BLANK</b>	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 0
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

Sample name (print) : Christopher Cañas and Jessie Sanchez

Signature : *C. Cañas / J.S*

## PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine	
Sample Date:	4/10/19 – 4/11/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Christopher Cañas and Jessie Sanchez	
Date Analyzed:	4/10/19 – 4/11/19	



Sample ID: 1	Start time: 0605	End time: 1405
Sample location: Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: FM construction in assigned area	No of fibers: 5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 2	Start time: 0608	End time: 1408
Sample location: 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 3	Start time: 0610	End time: 1410
Sample location: 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 4	Start time: 1400	End time: 2200
Sample location: Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 3.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 5	Start time: 1400	End time: 2200
Sample location: 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 6	Start time: 1401	End time: 2201
Sample location: 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample name (print)	: Christopher Cañas and Jessie Sanchez	
Signature	:	Page <u>1</u> of <u>3</u>

## PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine	
Sample Date:	4/10/19 – 4/11/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Christopher Cañas and Jessie Sanchez	
Date Analyzed:	4/10/19 – 4/11/19	



Sample ID: 7	Start time: 2200	End time: 0600
Sample location: Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: <b>BNB &amp; Cosco installing fire system</b>	No of fibers: 7	No of fields: 100
Other comments:	Airborne fiber concentration (fibers/cc): 0.003	

Sample ID: 8	Start time: 2200	End time: 0600
Sample location: 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 2	No of fields: 100
Other comments:	Airborne fiber concentration (fibers/cc): <0.002	

Sample ID: 9	Start time: 2201	End time: 0601
Sample location: 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: <b>BNB &amp; Cosco installing fire system</b>	No of fibers: 2	No of fields: 100
Other comments:	Airborne fiber concentration (fibers/cc): <0.002	

Sample ID: 10	Start time: 2201	End time: 0601
Sample location: 3 <sup>rd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: Retro fit lights	No of fibers: 1	No of fields: 100
Other comments:	Airborne fiber concentration (fibers/cc): <0.002	

Sample ID: 11	Start time: 2202	End time: 0602
Sample location: 4 <sup>th</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1.5	No of fields: 100
Other comments:	Airborne fiber concentration (fibers/cc): <0.002	

Sample ID: 12	Start time: *	End time: *
Sample location: <b>FIELD BLANK</b>	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 100
Other comments:	Airborne fiber concentration (fibers/cc): 0	

Sample name (print) : Christopher Cañas and Jessie Sanchez  
 Signature : Page 2 of 3

## PCM/TEM Sample Data Sheet

Project Number: 2019-3299UCI  
Project Site Address: UC Irvine  
Sample Date: 4/10/19 – 4/11/19  
Analysis type: PCM (NIOSH 7400A)  
Analysis by: Christopher Cañas and Jessie Sanchez  
Date Analyzed: 4/10/19 – 4/11/19




Sample ID: 13	Start time: *	End time: *
Sample location: <b>SEALED BLANK</b>	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 0
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

Sample name (print) : Christopher Cañas and Jessie Sanchez

Signature : *C. Cañas / J.S.*

Page 3 of 3

## PCM/TEM Sample Data Sheet

Project Number	: 2019-3299UCI	
Project Site Address	: UC Irvine	
Sample Date	: 4/11//2019	
Analysis type	: PCM (NIOSH 7400A)	
Analysis by	: IH Name: Christopher Cañas	
Date Analyzed	: 4/11/19	

Sample ID: 1	Start time: 0605	End time: 1405
Sample location: Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: FM construction in assigned area	No of fibers: 4	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 2	Start time: 0608	End time: 1408
Sample location: 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 3	Start time: 0610	End time: 1410
Sample location: 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 2	No of fields:
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		


Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample name (print)	: Christopher Cañas	
Signature	: Christopher Cañas	Page 1 of 1



## PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	4/11/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	4/11/19	

Sample ID: 04	Start time: 1400	End time: 2200
Sample location: Service floor - Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 1.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 05	Start time: 1400	End time: 2200
Sample location: 1 <sup>st</sup> floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 3.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 06	Start time: 1401	End time: 2201
Sample location: 2 <sup>nd</sup> floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		


Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample name (print)	: Jesse Sanchez	
Signature	: Jesse Sanchez	Page <u>  1  </u> of <u>  1  </u>

## PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	4/11/19 – 4/12/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	4/12/19	

Sample ID: 07	Start time: 2200	End time: 0600
Sample location: Service floor - Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: moving equipment	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 08	Start time: 2200	End time: 0600
Sample location: 1 <sup>st</sup> floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 1.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 09	Start time: 2201	End time: 0601
Sample location: 2 <sup>nd</sup> floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: BNB & Cosco installing fire system	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		


Sample ID: 10	Start time: 2201	End time: 0601
Sample location: 3 <sup>rd</sup> floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Retrofit lights	No of fibers: 4	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 11	Start time: 2202	End time: 2202
Sample location: 4 <sup>th</sup> floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 3.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 12	Start time: *	End time: *
Sample location: Field Blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

Sample name (print)	: Jesse Sanchez	
Signature	: Jesse Sanchez	Page <u>1</u> of <u>2</u>

## PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	4/11/19 – 4/12/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	4/12/19	

Sample ID: 13	Start time: *	End time: *
Sample location: Sealed Blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		


Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample name (print)	: Jesse Sanchez	
Signature	: Jesse Sanchez	Page <u>1</u> of <u>2</u>

## PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine	
Sample Date:	4/12/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Christopher Cañas and Jessie Sanchez	
Date Analyzed:	4/12/19	


Sample ID: 1	Start time: 0605	End time: 1405
Sample location: Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: FM construction in assigned area	No of fibers: 4	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 2	Start time: 0608	End time: 1408
Sample location: 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 3	Start time: 0610	End time: 1410
Sample location: 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 4	Start time: *	End time: *
Sample location: <b>FIELD BLANK</b>	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

Sample ID: 5	Start time: *	End time: *
Sample location: <b>SEALED BLANK</b>	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 0
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

Sample name (print)	: Christopher Cañas and Jessie Sanchez	
Signature	: 	Page <u>1</u> of <u>1</u>

# Field Notes

PAGE 1 of 1

PROJECT NAME	UCI Rowland Hall	SITE CONTACT	Susan Robb
PROJECT NUMBER	2019-3299UCI	CLIENT NUMBER	(949) 233-8889
DATE	4/8/19	IH NAME	Christopher Cañas

<b>0530:</b> Omega Representative Christopher Cañas on site. FM Construction is continuing work on the service level and will be installing HVAC ductwork in B66, B70, B85, and B93.
<b>0800:</b> Daily walkthrough with Chris Schneider (PM), Javier Vasquez (BNB), Susan Robb (EH&S), and Christopher Cañas (Omega IH). The SOP was discussed and agreed by all parties for the day. No asbestos work is expected to be performed during the first and second shift – air samples will also run continuously for 24 hours this week.
<b>0920:</b> Checked on Pumps; they are operating as intended. Checked on work; FM construction is in designated areas.
<b>1110:</b> Met Susan Robb of EH&S to discuss all work for the day.
<b>1250:</b> Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.
<b>1500:</b> New PCM cassettes have been placed on a set of new pumps. They will run continuously into Jesse's shift and are expected to be picked up around 2200. PCM cassettes were read on site via NIOSH 7400 Method and determined to be below PEL. Sample results were first sent via text to Susan Robb, Jeremy Gress, Rito Rincon, and Navid Salari. They confirmed the readings and afterwards posted results in the 1 <sup>st</sup> floor lobby near the elevators.
<b>1700:</b> Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.
<b>1800:</b> Jesse Sanchez of Omega is now on site and will review the days scope of work with Christopher Cañas before he is relieved.
<b>1835:</b> Omega Representative Christopher Cañas reviewed project details with Jesse Sanchez and is now leaving site. Will return tomorrow at 0600.

Omega IH Signature: Christopher Cañas



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## Daily Field Log

Page #

Project Number: 2019-3299UCI	Date: 04/08/2019
Project Name: 24/7	Omega Representative: Jesse Sanchez & Chris Canas
Project Address: Rowland Hall UCI Irvine, CA	
Client Contact:	
Client Phone #:	

### TIME AND ACTIVITY

1800	<b>Omega Rep. Jesse arrives on-site to begin shift 1800 – 0600. Omega Rep. Chris Canas briefs Jesse on the activities During his shift + where he has set up low flow air samples. Chris Canas also leaves information for each floor Regarding air samples.</b>
1810	<b>Omega Rep. Chris Canas off site at this time. Omega walks throughout the building visually checking the air Samples + any activities occurring at the time.</b>
1940	<b>Omega complete visual on each floor. There is no work on any of the floors, students are walking in and out of Classrooms throughout the hallways. No concerns regarding air samples.</b>
2120	<b>At this time there is still no work going on, students continue to walk throughout the hallways. Low flow air Pumps continue pull at 2.5 LPM.</b>
2200	<b>At this time Cosco + BNB arrive on site t being their work shift. According to the online calendar there was no Work today, Cosco clarify they will be working on the service + 2<sup>nd</sup> floor installing fire system + retrofit lights On the 4<sup>th</sup> floor.</b>
2230	<b>Omega walk throughout the building checking for hallway activities + air samples.</b>
2335	<b>Omega returns from walking the site. No activities at this time throughout the hallways, Cosco are mobilizing To assigned work areas to install new fire system. On the 4<sup>th</sup> floor electricians are retrofitting light ballets on, No work near air samples.</b>
2430	<b>At this time no issues to report, work continues to move forward. No activities throughout the hallways.</b>
0130	<b>Cosco continue to work on installing new fire system on the service floor + 2<sup>nd</sup> floor. Electricians continue to Retrofit the light ballets on the 4<sup>th</sup> floor hallway.</b>
0230	<b>Omega walks the site.</b>
0330	<b>Omega returns from walking the site, work continues to move forward no issues to report. At this time air Samples continue to pull at 2.5 LPM no work throughout the hallway except the 4<sup>th</sup> floor regarding the lights.</b>

Omega Site Representative Signature: Jesse Sanchez & Chris Canas

Date: 04/08/2019

**TIME AND ACTIVITY**

0400 UCI Reps. + BNB Javier + Omega meet at the service floor to conduct a walk-through meeting throughout the 2nd and 3<sup>rd</sup> floor.

0600 Omega rep. Chris Canas arrives on-site to begin 6 am – 6 pm shift. At this time UCI Susan Robs request Jesse + Chris to check on fireproofing material and asses for sampling. Omega rep. Jesse demobilize samples and set New batch of samples.

0630 At this time Omega continue to walk with UCI reps. on the 3<sup>rd</sup> floor.

0700 Omega rep. Jesse off site, Chris Canas remains on-site for 6 am – 6 pm shift. Walk continues with UCI rep and Chris Canas.

Omega Site Representative Signature: Jesse Sanchez & Chris Canas

Date: 04/08/2019

# Field Notes

PAGE 1 of 1

PROJECT NAME	UCI Rowland Hall	SITE CONTACT	Susan Robb
PROJECT NUMBER	2019-3299UCI	CLIENT NUMBER	(949) 233-8889
DATE	4/9/19	IH NAME	Christopher Cañas

<b>0530:</b> Omega Representative Christopher Cañas on site. FM Construction is continuing work on the service level and will be installing HVAC ductwork in B66, B70, B85, and B93.
<b>0800:</b> Daily walkthrough with Chris Schneider (PM), Javier Vasquez (BNB), Susan Robb (EH&S), and Christopher Cañas (Omega IH). The SOP was discussed and agreed by all parties for the day. No asbestos work is expected to be performed during the first and second shift – air samples will also run continuously for 24 hours this week.
<b>0920:</b> Checked on Pumps; they are operating as intended. Checked on work; FM construction is in designated areas.
<b>1000:</b> Lunch
<b>1110:</b> Met Susan Robb of EH&S to discuss all work for the day.
<b>1250:</b> Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.
<b>1500:</b> New PCM cassettes have been placed on a set of new pumps. They will run continuously into Jesse's shift and are expected to be picked up around 2200. PCM cassettes were read on site via NIOSH 7400 Method and determined to be below PEL. Sample results were first sent via text to Susan Robb, Jeremy Gress, Rito Rincon, and Navid Salari. They confirmed the readings and afterwards posted results in the 1 <sup>st</sup> floor lobby near the elevators.
<b>1700:</b> Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.
<b>1800:</b> Jesse Sanchez of Omega is now on site and will review the days scope of work with Christopher Cañas before he is relieved.
<b>1835:</b> Omega Representative Christopher Cañas reviewed project details with Jesse Sanchez and is now leaving site. Will return tomorrow at 0700.

Omega IH Signature: Christopher Cañas





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Daily Field Log

Page #

Project Number: 2019-3299UCI	Date: 04/09/2019
Project Name: 24/7	Omega Representative: Jesse Sanchez & Chris Canas
Project Address: Rowland Hall UCI Irvine, CA	
Client Contact:	
Client Phone #:	

**TIME AND ACTIVITY**

- 1800 At this time Omega Jesse arrives on-site to begin 6 pm – 6 am shift. Chris Canas is still on-site to walk through The building with Omega Jesse. During this time Chris has already set up low flow air samples running at 2.5 LPM. No work activities in the hallways, only students walking throughout the hallways and classrooms.
- 1835 Omega Chris Canas off-site.
- 1930 At this time there is no work occurring on any of the floors.
- 2030 Omega conduct a visual checking each floor for any work and to make sure the low flow air samples are still Running.
- 2140 Omega Jesse returns no work activities are occurring at this time, pumps are still running at 2.5 LPM, at this Time there are less students walking throughout the hallways.
- 2200 Cosco arrives on-site to begin their work shift. Scope of work: Cosco + BNB will be working on the service + 2nd Floor installing new fire system. The work areas will be in cleared areas where there is no ACM present.
- 2300 At this time Cosco continue to mobilize equipment to the 2<sup>nd</sup> floor.
- 2400 Work continues to move forward, no issues to report. No work activities throughout the hallway, samples are still Running at 2.5 LPM.
- 0100 Omega mobilize and conduct a visual of the hallways for any work activities.
- 0200 Omega returns from walking each floor, no work activities throughout the hallways. Air samples are clear from Any work.
- 0300 At this time, Omega has no issues to report, there is still no activities throughout the hallways.
- 0400 At this hour, no work has been done throughout the hallways. Samples continue to run at 2.5 LPM away from any Work.
- 0500 Nothing to report, Cosco continue to work on the service + 2<sup>nd</sup> floor. Air samples will be demobilized at 0600. Omega Chris will be arriving later on. A meeting with UCI reps. will occur at 0600.

Omega Site Representative Signature: Jesse Sanchez & Chris Canas	Date: 04/09/2019
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**TIME AND ACTIVITY**

0600 At this time UCI reps. arrive on-site + Omega demobilize air samples and set up a new batch. After samples are Set walk begins.

0730 At this time meeting ends, UCI reps. off site. Omega Jesse still on site waiting for Omega Chris to arrive.

0830 No work activities throughout the hallways, only students going in and out of classrooms.

0835 At this time Omega rep. Chris arrives on site, Omega rep Jesse gives a run-down of the meeting + info. Of sample Locations.

0900 Omega rep Jesse off site. Omega chris remains on site for the next shift.

Omega Site Representative Signature: Jesse Sanchez & Chris Canas

Date: 04/09/2019

# Field Notes

PAGE 1 of 1

PROJECT NAME	UCI Rowland Hall	SITE CONTACT	Susan Robb
PROJECT NUMBER	2019-3299UCI	CLIENT NUMBER	(949) 233-8889
DATE	4/10/19	IH NAME	Christopher Cañas

<b>0630:</b> Omega Representative Christopher Cañas on site. FM Construction is continuing work on the service level and will be installing HVAC ductwork in B66, B70, B85, and B93.
<b>0740:</b> Daily walkthrough with Chris Schneider (PM), Javier Vasquez (BNB), Susan Robb (EH&S), and Christopher Cañas (Omega IH). The SOP was discussed and agreed by all parties for the day. No asbestos work is expected to be performed during the first and second shift – air samples will also run continuously for 24 hours this week.
<b>0940:</b> Checked on Pumps; they are operating as intended. Checked on work; FM construction is in designated areas.
<b>1030:</b> Lunch
<b>1110:</b> Met Susan Robb of EH&S to discuss all work for the day.
<b>1210:</b> Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.
<b>1400:</b> New PCM cassettes have been placed on a set of new pumps. They will run continuously into Jesse's shift and are expected to be picked up around 2200. PCM cassettes were read on site via NIOSH 7400 Method and determined to be below PEL. Sample results were first sent via text to Susan Robb, Jeremy Gress, Rito Rincon, and Navid Salari. They confirmed the readings and afterwards posted results in the 1 <sup>st</sup> floor lobby near the elevators.
<b>1600:</b> Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.
<b>1900:</b> Jesse Sanchez of Omega is now on site and will review the days scope of work with Christopher Cañas before he is relieved.
<b>1925:</b> Omega Representative Christopher Cañas reviewed project details with Jesse Sanchez and is now leaving site. Will return tomorrow at 0700.

Omega IH Signature: Christopher Cañas



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## Daily Field Log

Page # 1 of 2

Project Number: 2019-3299UCI	Date: 04/10/2019
Project Name: 24/7	Omega Representative: Jesse Sanchez & Chris Canas
Project Address: Rowland Hall UCI Irvine, CA	
Client Contact:	
Client Phone #:	

### TIME AND ACTIVITY

1900	At this time Omega Jesse arrives on-site to begin next working shift. Omega Chris Canas is still on site and gives a rundown of any activities during his shift + sample locations. At this time there are 3 low flow air pumps Running at 2.5 from the service floor – the 2 <sup>nd</sup> floor.
1920	Omega Chris Canas off-site.
1930	At this time there is no work occurring on any of the floors.
2040	Omega conduct a visual inspection of each floor for any work and to make sure the low flow air samples are still Running.
2135	Omega Jesse returns no work activities are occurring at this time, pumps are still running at 2.5 LPM. Throughout The floors only students were seen walking in and out of classrooms throughout the hallways as well.
2200	Cosco arrives on-site to begin their work shift. Scope of work: Cosco + BNB will be working on the service + 2 <sup>nd</sup> Floor installing new fire system. The work areas will be in cleared areas where there is no ACM present. Electricians retrofit lights on the 3 <sup>rd</sup> floor, Air samples are demobilized and new samples are setup.
2340	Work continues to move forward, no issues to report. No work activities throughout the hallway, samples are still Running at 2.5 LPM.
0100	Omega mobilize and conduct a visual of the hallways for any work activities.
0200	Omega returns from walking each floor, no work activities throughout the hallways. Air samples are clear from Any work.
0300	At this time there are no issues to report, work continues to move forward and away from air samples. No work in The hallway.
0400	Omega walks the site to check on air samples + the work.
0500	Omega returns from walking the site, there is no work in the hallways. Cosco continue to install new pipes for fire System. No work in the hallways + air samples continue to flow at 2.5 LPM.

Omega Site Representative Signature: Jesse Sanchez & Chris Canas

Date: 04/10/2019

**TIME AND ACTIVITY**

0600 At this time Omega demobilize air samples and set up new batch.

0700 Omega Chris Canas arrives on site to relieve Omega Jesse. At this time shift ended for Omega Jesse Chris Canas  
Remains on site for next shift.

Omega Site Representative Signature: Jesse Sanchez & Chris Canas

Date: 04/10/2019

# Field Notes

PAGE 1 of 1

PROJECT NAME	UCI Rowland Hall	SITE CONTACT	Susan Robb
PROJECT NUMBER	2019-3299UCI	CLIENT NUMBER	(949) 233-8889
DATE	4/11/19	IH NAME	Christopher Cañas

<p><b>0630:</b> Omega Representative Christopher Cañas on site. FM Construction is continuing work on the service level and will be installing HVAC ductwork in B66, B70, B85, and B93.</p>
<p><b>0740:</b> Daily walkthrough with Chris Schneider (PM), Javier Vasquez (BNB), Susan Robb (EH&amp;S), and Christopher Cañas (Omega IH). The SOP was discussed and agreed by all parties for the day. No asbestos work is expected to be performed during the first and second shift – air samples will also run continuously for 24 hours this week.</p>
<p><b>0940:</b> Checked on Pumps; they are operating as intended. Checked on work; FM construction is in designated areas.</p>
<p><b>1030:</b> Lunch</p>
<p><b>1110:</b> Met Susan Robb of EH&amp;S to discuss all work for the day.</p>
<p><b>1210:</b> Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.</p>
<p><b>1400:</b> New PCM cassettes have been placed on a set of new pumps. They will run continuously into Jesse's shift and are expected to be picked up around 2200. PCM cassettes were read on site via NIOSH 7400 Method and determined to be below PEL. Sample results were first sent via text to Susan Robb, Jeremy Gress, Rito Rincon, and Navid Salari. They confirmed the readings and afterwards posted results in the 1<sup>st</sup> floor lobby near the elevators.</p>
<p><b>1600:</b> Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.</p>
<p><b>1900:</b> Jesse Sanchez of Omega is now on site and will review the days scope of work with Christopher Cañas before he is relieved.</p>
<p><b>1925:</b> Omega Representative Christopher Cañas reviewed project details with Jesse Sanchez and is now leaving site. Will return tomorrow at 0700.</p>

Omega IH Signature: Christopher Cañas



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Daily Field Log

Project Number: 2019-3299UCI	Date: 04/11/2019
Project Name: 24/7	Omega Representative: Jesse Sanchez & Chris Canas
Project Address: Rowland Hall UCI Irvine, CA	
Client Contact:	
Client Phone #:	

**TIME AND ACTIVITY**

1830	Omega Jesse arrives on site to do a walk through with Omega Chris Canas. At this time air samples are running On the service floor, 1 <sup>st</sup> floor, and 2 <sup>nd</sup> floor.
1900	Omega Chris off site. No work activities in the hallways, students walking throughout the hallways.
2000	At this time Omega walks the site.
2100	Omega returns from walking the site, air samples continue to run at 2.5 LPM + there is no work activities in the Hallways, students are still going in and out of classrooms.
2200	At this time Omega demobilize air samples and set up new batch of samples. Cosco arrives on-site to begin their Work shift. Scope of work: Cosco will be working on the 2 <sup>nd</sup> floor installing new pipes for new fire system + BNB Will assist and work on the 3 <sup>rd</sup> floor installing ceiling tiles. Electricians will also be finishing on the 3 <sup>rd</sup> floor Retrofitting the light ballets and then move to the 2 <sup>nd</sup> floor. Only work on the service floor is moving equipment + Delivery later on during the shift.
2300	At this time no issues to report, electricians have completed retrofitting the light ballets and move down to the 2 <sup>nd</sup> floor.
2400	Omega conduct a visual of each floor to check the work & air samples.
0100	Omega returns from visual; air samples continue to flow at 2.5 LPM, work continues to move forward same floors And same scope of work.
0200	Omega checks the work on the 2 <sup>nd</sup> floor, Cosco begin to drill a hole through the wall for new fire system pipe. This Work is occurring in the hallway, Omega request Cosco to lay down a layer of poly before proceeding with the Work. No ACM is being disturbed during this work activity; Omega stays to view the work.
0330	At this time Cosco complete the work in the hallway and close the ceiling.
0430	Omega walk the work site to check on for any work activities in the hallways throughout the floors.
0535	Omega returns from walking the building no work activities in the hallways, Cosco continue to work on the 2nd

Omega Site Representative Signature: Jesse Sanchez & Chris Canas	Date: 04/11/2019
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**TIME AND ACTIVITY**

Floor in clear areas.

0600 At this time Omega change air samples and begin to read them using NIOSH 7400 method on site, Cosco begin to Leave their work area.

0700 At this time Omega Chris Canas arrives on-site to begin his work shift, Omega Jesse briefs Chris about any work Activities. Omega Jesse off site.

Omega Site Representative Signature: Jesse Sanchez & Chris Canas

Date: 04/11/2019



# Field Notes

PAGE 1 of 1

PROJECT NAME	UCI Rowland Hall	SITE CONTACT	Susan Robb
PROJECT NUMBER	2019-3299UCI	CLIENT NUMBER	(949) 233-8889
DATE	4/12/19	IH NAME	Christopher Cañas

**0640:** Omega Representative Christopher Cañas on site. FM Construction is continuing work on the service level and will be installing HVAC ductwork in B66, B70, B85, and B93.

**0720:** Daily walkthrough with Chris Schneider (PM), Javier Vasquez (BNB), Susan Robb (EH&S), and Christopher Cañas (Omega IH). The SOP was discussed and agreed by all parties for the day. No asbestos work is expected to be performed during the first and second shift – air samples will also run continuously for 24 hours this week.

**0850:** Checked on Pumps; they are operating as intended. Checked on work; FM construction is in designated areas.

**1030:** Lunch

**1110:** Met Susan Robb of EH&S to discuss all work for the day.

**1210:** Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.

**1400:** New PCM cassettes have been placed on a set of new pumps. They will run continuously into Jesse's shift and are expected to be picked up around 2200. PCM cassettes were read on site via NIOSH 7400 Method and determined to be below PEL. Sample results were first sent via text to Susan Robb, Jeremy Gress, Rito Rincon, and Navid Salari. They confirmed the readings and afterwards posted results in the 1<sup>st</sup> floor lobby near the elevators.

**1600:** Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.

**1900:** Jesse Sanchez of Omega is now on site and will review the days scope of work with Christopher Cañas before he is relieved.

**1945:** Omega Representative Christopher Cañas reviewed project details with Jesse Sanchez and is now leaving site. Will return tomorrow at 0700.

Omega IH Signature: Christopher Cañas

State of California  
Division of Occupational Safety and Health  
**Certified Site Surveillance Technician**

**Christopher E Canas**

Name

Certification No. 16-5978

Expires on 08/16/19



This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

# Asbestos Training Program

This is to certify

**Christopher Canas**

\*\*\*\*

Has successfully completed 40 hours  
of formal training entitled

**NIOSH 582  
Equivalency**

Presented By  
Environmental Compliance Training  
PO BOX 16555  
San Diego, CA. 92176  
(858) 558-7465

Director:   
Walter T. Amenta, CIH

Class Dates: 12/11/2017 to 12/15/2017  
Expiration Date: N/A  
Certification Number: 1217N582E-02



# Certificate of Attendance

CERTIFICATE NUMBER

**89016**

*This is to Certify that*

**JESSE SANCHEZ**

*Has Completed the Course of*

**AHERA ASBESTOS ABATEMENT CONTRACTOR/SUPERVISOR 8 HR. REFRESHER COURSE CA-014-04**

UNDER TSCA 206, FOR PURPOSES OF COMPLIANCE WITH 29 CFR 1926.1101 AND  
TITLE 8 CCR 1529 AND TITLE 8 CCR 5208.

**ARMANDO DUCOING**

DIRECTOR

**August 31, 2018**

COMPLETION DATE

**E083118CSR**

CLASS NUMBER / STARTING DATE

**083118**

**August 31, 2019**

CERTIFICATE EXPIRES

***Ecologics Training Institute***



# Certificate of Attendance

CERTIFICATE NUMBER

**79041**

*This is to Certify that*

**JESSE SANCHEZ**

*Has Completed the Course of*

**AHERA ASBESTOS ABATEMENT BUILDING INSPECTOR 4 HR. REFRESHER COURSE CA-014-06**

UNDER TSCA 206, FOR PURPOSES OF COMPLIANCE WITH 29 CFR 1926.1101 AND  
TITLE 8 CCR 1529 AND TITLE 8 CCR 5208.

**ARMANDO DUCOING**

DIRECTOR

**August 17, 2018**

COMPLETION DATE

**E081718BIR**

**081718**

CLASS NUMBER / STARTING DATE

**August 17, 2019**

CERTIFICATE EXPIRES

**Ecologics Training Institute**



*Certificate of Attendance*

**32297**

CERTIFICATE NUMBER

*This is to Certify that*

**JESSE SANCHEZ**

*Has Completed the Course of*

**AIR SAMPLING & ANALYSIS OF AIRBORNE ASBESTOS (NIOSH-582 EQUIVALENT)**

UNDER TSCA 206, FOR PURPOSES OF COMPLIANCE WITH 29 CFR 1926.1101 AND  
TITLE 8 CFR 1529 AND TITLE 8 CFR 5208.

A handwritten signature in black ink, appearing to read "Armando Duccoing", is written over a horizontal line.

**ARMANDO DUCCOING**  
DIRECTOR

**September 21, 2018**  
COMPLETION DATE

**E091718NIOSH**      **091718**  
CLASS NUMBER / STARTING DATE

CERTIFICATE EXPIRES

***Ecologics Training Institute***