



Citation and Notification of Penalty

To:
UC Los Angeles Dept of Chemistry & Biochemistry
and its successors
501 Westwood Plaza 4th Fl. Box 951605
Los Angeles, CA 90095

Inspection Number: 126203041
Inspection Date(s): 09/22/2009 03/02/2010
Issuance Date: 03/09/2010
CSHO ID: M7935
Optional Report #: 010-10
Reporting ID: 0950641

Inspection Site:
Lab #5096 Young Hall Charles E Young Dr.
Los Angeles, CA 90095

The violation(s) described in this Citation and Notification of Penalty is (are) alleged to have occurred on or about the day(s) the inspection was made unless otherwise indicated within the description given below.

This Citation and Notification of Penalty (hereinafter Citation) is being issued in accordance with California Labor Code Section 6317 for violations that were found during the inspection/investigation. **This Citation or a copy must be prominently posted upon receipt by the employer at or near the location of each violation until the violative condition is corrected or for three working days, whichever is longer.** Violations of Title 8 of the California Code of Regulations or of the California Labor Code may result in some instances in prosecution for a misdemeanor.

YOU HAVE A RIGHT to contest this Citation and Notification of Penalty by filing an appeal with the Occupational Safety and Health Appeals Board. To initiate your appeal, you **must** contact the Appeals Board, in writing or by telephone, within 15 working days from the date of receipt of this Citation. If you miss the 15 working day deadline to appeal, the Citation and Notification of Penalty becomes a final order of the Appeals Board, not subject to review by any court or agency.

Informal Conference - You may request an informal conference with the Manager of the District Office which issued the Citation within 10 working days after receipt of the Citation. However, if the citation is appealed, you may request an informal conference at any time prior to the day of the hearing. Employers are encouraged to schedule a conference at the earliest possible time to assure an expeditious resolution of any issues. At the informal conference, you may discuss the existence of the alleged violation, classification of the violation, abatement date or proposed penalty.

Be sure to bring to the conference any and all supporting documentation of existing conditions as well as any abatement steps taken thus far. If conditions warrant, we can enter into an agreement which resolves this matter without litigation or contest.

APPEAL RIGHTS

The Occupational Safety and Health Appeals Board (Appeals Board) consists of three members appointed by the Governor. The Appeals Board is a separate entity from the Division of Occupational Safety and Health (Division) and employs experienced attorneys as administrative law judges to hear appeals fairly and impartially. To initiate an appeal from a Citation and Notification of Penalty, you must contact the Appeals Board, in writing or by telephone, within 15 working days from the date of receipt of a Citation. After you have initiated your appeal, you must then file a completed appeal form with the Appeals Board, at the address listed below, for each contested citation. Failure to file a completed appeal form with the Appeals Board may result in dismissal of the appeal. Appeal forms are available from district offices of the Division, or from the Appeals Board:

Occupational Safety and Health Appeals Board
2520 Venture Oaks Way, Suite 300
Sacramento, CA 95833
Telephone: (916) 274-5751
Fax: (916) 274-5785

If the Citation you are appealing alleges more than one item, you must specify on the appeal form which items you are appealing. You must also attach to the appeal form a legible copy of the Citation you are appealing.

Among the specific grounds for an appeal are the following: the safety order was not violated, the classification of the alleged violation (e.g., serious, repeat, willful) is incorrect, the abatement requirements are unreasonable or the proposed penalty is unreasonable.

Important: You must notify the Appeals Board, not the Division, of your intent to appeal within 15 working days from the date of receipt of the Citation. Otherwise, the Citation and Notification of Penalty becomes a final order of the Appeals Board not subject to review by any court or agency. An informal conference with the Division does not constitute an appeal and does not stay the 15 working day appeal period. If you have any questions concerning your appeal rights, call the Appeals Board, (916) 274-5751.

PENALTY PAYMENT OPTIONS

Penalties are due within 15 working days of receipt of this Citation and Notification of Penalty unless contested. If you are appealing any item of the citation, remittance is still due on all items that are not appealed. Enclosed for your use is a Penalty Remittance Form for payment.

If you are paying by credit card (MasterCard and Visa), please have the Penalty Remittance Form on-hand when you are ready to make your payment. The company name, index code, reporting ID, and Citation number(s) will be required in order to ensure that the payment is accurately posted to your account. Please go to www.dir.ca.gov/dosh to access the secure payment processing site.

If you are paying by check, return one copy of the Citation, along with the Notice of Proposed Penalties Sheet and the Penalty Remittance Form and mail to:

Department of Industrial Relations
Cashier, Accounting Office
P. O. Box 420603
San Francisco, CA 94142-0603

CAL/OSHA does not agree to any restrictions, conditions or endorsements put on any check or money order for less than the full amount due, and will cash the check or money order as if these restrictions, conditions, or endorsements do not exist.

NOTIFICATION OF CORRECTIVE ACTION

For violations which you do not contest, you should notify the Division of Occupational Safety and Health promptly by letter that you have taken appropriate corrective action within the time frame set forth on this Citation and Notification of Penalty. Please inform the District Office listed on the Citation by submitting the CAL/OSHA Form 160 and/or 161 with the abatement steps you have taken and the date the violation was abated, together with adequate supporting documentation, e.g., drawings or photographs of corrected conditions, purchase/work orders related to abatement actions, air sampling results, etc. The adjusted penalty for serious and general violations **has already been** reduced by 50% on the presumption that the employer will correct the violations by the abatement date." **If the CAL/OSHA Form 161 is not received in the District Office within 10 days following the abatement date, the abatement credit is revoked, causing the penalty to double.**

Note: Return the CAL/OSHA Form 160/161 to the District Office listed on the Citation and as shown below:

Division of Occupational Safety and Health
320 West 4th Street, Suite 850
Los Angeles, CA 91401
Telephone: (213) 576-7451

EMPLOYEE RIGHTS

Employer Discrimination Unlawful - The law prohibits discrimination by an employer against an employee for filing a complaint or for exercising any rights under Labor Code Section 6310 or 6311. An employee who believes that he/she has been discriminated against may file a complaint no later than six (6) months after the discrimination occurred with the Division of Labor Standards Enforcement.

Employee Appeals - An employee or authorized employee's representative may, within 15 working days of the issuance of a citation, special order, or order to take special action, appeal to the Occupational Safety and Health Appeals Board the reasonableness of the period of time fixed by the Division of Occupational Safety and Health (Division) for abatement. An employee appeal may be filed with the Appeals Board or with the Division. No particular format is necessary to initiate the appeal, but the notice of appeal must be in writing.

If an Employee Appeal is filed with the Division, the Division shall note on the face of the document the date of receipt, include any envelope or other proof of the date of mailing, and promptly transmit the document to the Appeals Board. The Division shall, no later than 10 working days from receipt of the Employee Appeal, file with the Appeals Board and serve on each party a clear and concise statement of the reasons why the abatement period prescribed by it is reasonable.

Employee Appeal Forms are available from the Appeals Board, or from a District Office of the Division.

Employees Participation in Informal Conference. Affected employees or their representatives may notify the District Manager that they wish to attend the informal conference. If the employer objects, a separate informal conference will be held.

DISABILITY ACCOMMODATION

Disability accommodation is available upon request. Any person with a disability requiring an accommodation, auxiliary aid or service, or a modification of policies or procedures to ensure effective communication and access to the programs of the Division of Occupational Safety and Health, should contact the Disability Accommodation Coordinator at the local district office or the Statewide Disability Accommodation Coordinator at 1-866-326-1616 (toll free). The Statewide Coordinator can also be reached through the California Relay Service, by dialing 711 or 1-800-735-2929 (TTY) or 1-800-855-3000 (TTY-Spanish).

Accommodations can include modifications of policies or procedures or provision of auxiliary aids or services. Accommodations include, but are not limited to, an Assistive Listening System (ALS), a Computer-Aided Transcription System or Communication Access Realtime Translation (CART), a sign-language interpreter, documents in Braille, large print or on computer disk, and audio cassette recording. Accommodation requests should be made as soon as possible. Requests for an ALS or CART should be made no later than five (5) days before the hearing or conference.

State of California

Division of Occupational Safety and Health
Los Angeles District Office (0950641; 4041)
320 West 4th Street, Suite 850
Los Angeles, CA 90013

Inspection Number: 126203041
Inspection Dates: 09/22/2009-03/02/2010
Issuance Date: 03/09/2010
CSHO ID: M7935
Optional Inspection Nbr: 010-10



Citation and Notification of Penalty

Company Name: UC Los Angeles Dept of Chemistry & Biochemistry
Inspection Site: Lab #5096 Young Hall Charles E Young Dr., Los Angeles, CA 90095

Citation 1 Item 1 Type of Violation: **Regulatory**

California Code of Regulations, Title 8

Violation: 342(a)

342. Reporting Work-Connected Fatalities and Serious Injuries.

(a) Every employer shall report immediately by telephone or telegraph to the nearest District Office of the Division of Occupational Safety and Health any serious injury or illness, or death, of an employee occurring in a place of employment or in connection with any employment.

Immediately means as soon as practically possible but not longer than 8 hours after the employer knows or with diligent inquiry would have known of the death or serious injury or illness. If the employer can demonstrate that exigent circumstances exist, the time frame for the report may be made no longer than 24 hours after the incident.

Serious injury or illness is defined in section 330(h), Title 8, California Administrative Code.

The employer did not report immediately by telephone or telegraph to the Los Angeles District office a serious injury which occurred on November 13, 2007. On this date, a graduate student researcher received serious burn injuries when ethanol he was working with was ignited by a flame from a nearby Bunsen burner. The injured employee was hospitalized for 7 days. The employer failed to report this serious injury to the Division. The Division became knowledgeable about this serious injury on or about September 15, 2009.

Date By Which Violation Must be Abated: 04/01/2010
Proposed Penalty: \$ 5000.00

See pages 1 through 4 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

State of California

Division of Occupational Safety and Health
Los Angeles District Office (0950641; 4041)
320 West 4th Street, Suite 850
Los Angeles, CA 90013

Inspection Number: 126203041
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Citation and Notification of Penalty

Company Name: UC Los Angeles Dept of Chemistry & Biochemistry
Inspection Site: Lab #5096 Young Hall Charles E Young Dr., Los Angeles, CA 90095

Citation 2 Item 1 Type of Violation: **Serious**

California Code of Regulations, Title 8

Violation: 3203(a)(6)

3203. Injury and Illness Prevention Program.

(a) Effective July 1, 1991, every employer shall establish, implement and maintain an effective Injury and Illness Prevention Program (Program). The Program shall be in writing and, shall, at a minimum:

(6) Include methods and/or procedures for correcting unsafe or unhealthy conditions, work practices and work procedures in a timely manner based on the severity of the hazard:

(A) When observed or discovered; and,

(B) When an imminent hazard exists which cannot be immediately abated without endangering employee(s) and/or property, remove all exposed personnel from the area except those necessary to correct the existing condition. Employees necessary to correct the hazardous condition shall be provided the necessary safeguards.

On November 13, 2007, the employer did not implement procedures to correct unsafe working conditions for an employee working with ethanol and a flame from a Bunsen burner to perform "flame sterilization".

Instance #1: At the time this employee was performing flame sterilization, a bottle of ethanol (a Class IB flammable liquid) was next to the Bunsen burner flame and the liquid was ignited when the employee accidentally knocked over the bottle. The unsafe practice of having a flammable liquid adjacent to an open flame had not been corrected prior to this accident.

Instance #2: The employer did not implement procedures to correct the unsafe work practice of failing to wear appropriate clothing (e.g. fire resistant clothing or lab coat) for the flame sterilization work that was being performed. On this day, the injured employee was wearing a polyester shirt over a cotton shirt. The polyester material melted resulting in serious burn injuries on the employee's chest. The employee was hospitalized for 7 days.

See pages 1 through 4 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

State of California

Division of Occupational Safety and Health
Los Angeles District Office (0950641; 4041)
320 West 4th Street, Suite 850
Los Angeles, CA 90013

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Citation and Notification of Penalty

Company Name: UC Los Angeles Dept of Chemistry & Biochemistry
Inspection Site: Lab #5096 Young Hall Charles E Young Dr., Los Angeles, CA 90095

The employer failed to report the serious injury to the Division. The Division became knowledgeable about this serious injury on or about September 15, 2009.

Date By Which Violation Must be Abated:	03/23/2010
Proposed Penalty:	\$ 6300.00

See pages 1 through 4 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

State of California

Division of Occupational Safety and Health
Los Angeles District Office (0950641; 4041)
320 West 4th Street, Suite 850
Los Angeles, CA 90013

Inspection Number: 126203041
Inspection Dates: 09/22/2009-03/02/2010
Issuance Date: 03/09/2010
CSHO ID: M7935
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Citation and Notification of Penalty

Company Name: UC Los Angeles Dept of Chemistry & Biochemistry
Inspection Site: Lab #5096 Young Hall Charles E Young Dr., Los Angeles, CA 90095

Citation 3 Item 1 Type of Violation: **Serious**

California Code of Regulations, Title 8

Violation: 3383(b)

3383. Body Protection.

(b) Clothing appropriate for the work being done shall be worn. Loose sleeves, tails, ties, lapels, cuffs, or other loose clothing which can be entangled in moving machinery shall not be worn.

On November 13, 2007, a graduate student researcher received serious burn injuries when ethanol he was working with was ignited by a flame from a Bunsen burner while he was performing "flame sterilization". At the time this employee was working, the employee was not wearing clothing appropriate for the work (e.g. fire resistant clothing or lab coat). The injured employee was wearing a polyester shirt over a cotton shirt. The polyester material melted resulting in serious burn injuries on the employee's chest. The employee was hospitalized for 7 days.

The employer failed to report the serious injury to the Division. The Division became knowledgeable about this serious injury on or about September 15, 2009.

Date By Which Violation Must be Abated: 03/23/2010
Proposed Penalty: \$ 18000.00

C. Renee Jones *Hassan Atdar*

Compliance Officer/District Manager

See pages 1 through 4 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

State of California
Division of Occupational Safety and Health
320 West 4th St., Suite 850
Los Angeles, CA 90013
Phone: (213) 576-7451 Fax: (213) 576-7461

NOTICE OF PROPOSED PENALTIES

Company Name: UC Los Angeles Dept of Chemistry & Biochemistry
Inspection Site: Lab #5096 Young Hall Charles E Young Dr., Los Angeles, CA 90095
Mailing Address: 501 Westwood Plaza 4th Fl. Box 951605, Los Angeles, CA 90095
Issuance Date: 03/09/2010
Reporting ID: 0950641
Index Code: 4041

Summary of Penalties for Inspection Number 126203041

Citation 1, Regulatory	= \$	5000.00
Citation 2, Serious	= \$	6300.00
Citation 3, Serious	= \$	18000.00
TOTAL PROPOSED PENALTIES	= \$	29300.00

Penalties are due within 15 working days of receipt of this notification unless contested. If you are appealing any item of this citation, remittance is still due on all items that are not appealed. Enclosed for your use is a Penalty Remittance Form.

If you are paying by credit card (MasterCard and Visa): Please have this form on-hand when you are ready to make your payment. The company name, index code, reporting ID and Citation number(s) will be required to ensure that the payment is accurately posted to your account. Please go to www.dir.ca.gov/dosh to access the secure payment processing site.

If you are paying by check: Mail this Notice of Proposed Penalties, the Penalty Remittance Form, along with a copy of the Citation and Notification of Penalty to:

**DEPARTMENT OF INDUSTRIAL RELATIONS
CASHIER, ACCOUNTING OFFICE
P. O. BOX 420603
SAN FRANCISCO, CA 94142-0603**

CAL/OSHA does not agree to any restrictions, conditions or endorsements put on any check or money order for less than the full amount due, and will cash the check or money order as if these restrictions, conditions or endorsements do not exist.

DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF OCCUPATIONAL SAFETY AND HEALTH - CAL/OSHA
Cashier, Accounting Office
P.O. Box 420603
San Francisco, CA 94142-0603
Phone (415) 703-4291 or (415) 703-4295 FAX (415) 703-3037

PENALTY REMITTANCE FORM

CIVIL PENALTY INFORMATION	INSPECTION NUMBER <u>126203041</u>	REPORTING ID <u>0950641</u>	INDEX CODE <u>4041</u>
ESTABLISHMENT NAME	<u>UC Los Angeles Dept of Chemistry & Biochemistry</u>		
CONTACT PERSON	_____		
PHONE NO.	_____	FAX NO.	_____
SITE ADDRESS	<u>Lab #5096 Young Hall Charles E Young Dr., Los Angeles</u>		
MAILING ADDRESS	<u>501 Westwood Plaza 4th Fl. Box 951605, Los Angeles, CA, 90095</u>		

CITATION INFORMATION (Penalties are due within 15 working days of receipt of this notification unless contested. If you are appealing any item of this citation, remittance is still due on all items that are not appealed.)

Payment is for the following Citation Items: (e.g. Citation 1, Items 1-5; Citation 3)

TYPE OF PAYMENT ENCLOSED

CHECK OR MONEY ORDER INFORMATION	
CHECK ENCLOSED IN THE AMOUNT OF	\$ _____
MONEY ORDER ENCLOSED IN THE AMOUNT OF	\$ _____

(Please make check or money order payable to **CAL/OSHA** and mail to the Cashier, Accounting Office, at the above address. Reference the Inspection Number on the "memo" portion of your check or money order.)

Go to www.dir.ca.gov/dosh to access the on-line third party secure payment processing site
OR Complete this section and fax to (415) 703-3037

CREDIT CARD INFORMATION

VISA OR MASTERCARD CREDIT CARD NO. _____ EXPIRATION DATE _____

CREDIT CARD SECURITY CODE (last 3 digits on back of card) _____

NAME OF CARDHOLDER _____ SIGNATURE _____

CARDHOLDER PHONE NO. _____ FAX NO. _____

AMOUNT OF PAYMENT \$ _____

----- FOR OFFICE USE ONLY -----

AUTHORIZATION NO. _____ DATE PROCESSED _____

PROCESSED BY _____

(Please call 415-703-4308 or complete the information above and fax to 415-703-3037)

**EMPLOYER'S SIGNED STATEMENT OF ABATEMENT OF
REGULATORY AND/OR GENERAL VIOLATIONS**

EMPLOYER: UC Los Angeles Dept of Chemistry & Biochemistry
ADDRESS: 501 Westwood Plaza 4th Fl. Box 951605
Los Angeles, CA 90095

The law requires that violations observed during the inspection/investigation completed on 03/02/2010 of the place of employment located at Lab #5096 Young Hall Charles E Young Dr., Los Angeles, CA be corrected within the time limit specified. Please notify the Division as soon as these conditions have been corrected by returning this completed form. Your response by completing, signing and mailing this form to the issuing office on or before the compliance date may avoid a follow-up inspection of your facilities. **Failure to timely complete and return this form may result in issuance of a citation and civil penalty for violation of 8CCR 340.4(c).**

NOTE: This form does not serve as a request for a time extension. If there are serious problems beyond your control that prevent meeting a specified abatement date, contact the Division early, well within the 15-day limit allowed for an appeal.

This signed statement or a summary shall be posted for three (3) working days at or near each place the regulatory and/or general violation(s) referred to in the citation occurred.

PLEASE COMPLETE AND MAIL BY 04/01/10

LIST THE SPECIFIC MEASURES & EQUIPMENT TAKEN TO CORRECT EACH CITATION & ITEM NUMBER OF THE UNSAFE CONDITIONS AND DATE OF ABATEMENT.

[] Continued on additional page

All affected employees and their representatives have been informed about abatement activities referenced in this document in conformance with 8CCR Section 340.4(g). [] Yes [] No

This certifies that all unsafe conditions listed in the Division's citation dated 03/09/10 have now been corrected and all submitted abatement information is accurate.

Signature: _____ Date: _____

Name: _____ Title: _____

OFFICE USE ONLY	
Division Engineer/Industrial Hygienist:	_____ Date _____
District Manager:	_____ Date _____
[] Close/Comments	
Region <u>4</u> District <u>1</u> Inspection No. <u>126203041</u> Identification No. <u>M7935</u> Cal/OSHA Rpt. No. & Fiscal Year <u>010-10</u>	

EMPLOYER'S SIGNED STATEMENT OF ABATEMENT OF SERIOUS VIOLATIONS

EMPLOYER: UC Los Angeles Dept of Chemistry & Biochemistry
ADDRESS: 501 Westwood Plaza 4th Fl. Box 951605
 Los Angeles, CA 90095

The law requires that violations observed during the inspection/investigation completed on 03/02/2010 of the place of employment located at Lab #5096 Young Hall Charles E Young Dr., Los Angeles, CA be corrected within the time limit specified. Labor Code 6320(b), requires that you submit this signed statement under penalty of perjury which describes the measures for abating each citation which alleges a serious violation. **If the signed statement is not received within 10 working days after the end of the period fixed for abatement, the Division will be required to revoke any adjustments to the civil penalty based upon the assumption that you will abate the violation.** This action will result in a doubling of the civil penalty for serious violations. If you have filed a timely appeal with reference to a particular citation, the abatement date is stayed during the appeal process and the Signed Statement need not be submitted at this time. In addition, if there are problems beyond your control that prevent meeting a specified abatement date, contact the Division early so that a request for extension can be considered.

This signed statement shall be posted for three (3) working days at or near each place the serious violation referred to in the citation occurred.

THIS FORM MUST BE RECEIVED AT THE ABOVE ADDRESS ON OR BEFORE 03/23/10

DESCRIBE AND LIST THE SPECIFIC MEASURES & EQUIPMENT TAKEN TO ABATE EACH SERIOUS VIOLATION

Citation Number	Number of Instances	Measures Taken to Abate Serious Violations	Abatement Date

All affected employees and their representatives have been informed about abatement activities referenced in this document in conformance with 8CCR Section 340.4(g). Yes No

I have reviewed the foregoing statement and declare under penalty of perjury that it is true and correct to the best of my knowledge and all submitted abatement information is accurate.

Executed at _____, California by _____

Signature: _____ Date: _____

Name: _____ Title: _____

OFFICIAL USE ONLY	
Division Engineer/Industrial Hygienist: _____	Date: _____
District Manager: _____	Date: _____
<input type="checkbox"/> Close/Comments:	
Region <u>4</u> District <u>1</u> Inspection No. <u>126203041</u> Identification No. <u>M7935</u> Cal/OSHA Rpt. No. & Fiscal Year <u>010-10</u>	

NOTICE OF ACCIDENT-RELATED VIOLATION AFTER INVESTIGATION

Page 1 of 1

UC Los Angeles Dept of Chemistry & Biochemistry
 501 Westwood Plaza 4th Fl. Box 951605
 Los Angeles, CA 90095

An investigation of an industrial accident or occupational illness was conducted by **C. R. Jones** at a place of employment located at **Lab #5096 Young Hall Charles E Young Dr., Los Angeles** on **09/22/2009**.

DESCRIBE THE CONDITION INSPECTED:

The November 13, 2007 accident which occurred when a graduate student researcher received serious burn injuries when ethanol he was working with during flame sterilization was ignited by a flame from a Bunsen burner

It has been determined by the Division that the fatal or serious injury, illness or exposure described above was related to the following serious, willful or repeat violation:

Serious

3383(b)

CLASSIFICATION OF VIOLATION

TITLE 8 CCR SECTION

Signature

C. Renee Jones

Signature

Hassan Adon

Safety Engineer/Industrial Hygienist

District Manager

Date of issuance 03/09/10

Date investigation completed 03/02/2010

Upon request, the Division will provide the employer with a copy of its inspection report pertaining to this investigation.

4	1	M7935	010-10	126203041
Region	District	SE/IH Identification No.	Optional Report No.	CAL/OSHA Form 1 Report No.

* Fatality

*W.C. Carrier _____

NARRATIVE SUMMARY

Establishment Name UCLA Department of Chemistry & Biochemistry	Inspection Number 126203041
Management contacted Colin Dimock Cindy Burt James Gober, PhD	Title(s) Lab Safety Manager Injury & Illness Prevention Mgr Principal Investigator

Information on Injured

Covered by Workers' Compensation Yes No

Name, Address and Phone Number _____ _____ _____	Occupation Graduate Student Researcher
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Use additional form(s) as needed.

Witness Name(s) and Title

**Check box preceding name if confidentiality is given*

*	Name and Title(s)	Address	Phone No.	Signed Statement
None				Yes <input type="checkbox"/> No <input type="checkbox"/>

Use additional form(s) as needed.

Summary

An accident occurred in a UC Los Angeles Department of Chemistry & Biochemistry Department laboratory located in Young Hall. The serious accident which occurred on November 17, 2007 at approximately 1:30 p.m. involved a paid graduate student researcher who was performing research work for his employer, UC Los Angeles. The accident was never reported by the employer. The accident was discovered through an investigation and records request by Cal-OSHA BOI Investigator Brian Baudendistel.

UC Los Angeles is a public research university which has 118 undergraduate and 200 graduate degree programs. The injured employee (V1) was performing his normally assigned duties as a paid graduate student researcher in the Department of Chemistry & Biochemistry. At the time of his accident, V1 was performing "flame sterilization" in preparation for plating bacteria. For this procedure, he poured ethanol from a glass bottle into a Petri dish and was placing a glass rod in the Petri dish and placing the rod into the flame of a Bunsen burner. V1 stated that during the procedure, he accidentally knocked over the bottle of ethanol and the ethanol from the bottle splashed onto his shirt, hands, and onto the floor. V1 estimated that there was probably 50 to 100 ml of ethanol in the bottle. V1 stated that the flame from the Bunsen burner ignited the ethanol. His hands and shirt were on fire and V1 stated that he patted out the flame with his hands. V1 stated that at the time of the procedure, the screw cap lid was on the glass bottle and he is not sure how the contents spilled out. At the time of the accident, V1 was wearing a polyester shirt over a long sleeve cotton shirt with no additional protection. V1 reported that the polyester shirt melted onto the cotton shirt and that the cotton shirt did not burn.

V1 walked himself with the assistance of a friend to the UCLA emergency room where he was treated then released with instructions to go to Grossman Burn Center the next morning. He went to Grossman Burn Center the next day and was admitted and hospitalized for approximately 7 days with 1st and 2nd degree burns on his hands and chest

The following citations will be issued to the employer:

Regulatory: 342(a)- For failing to report the serious accident within 8 hours

Serious: 3203(a)(6)- For failing to implement correction procedures for unsafe work conditions

Serious Accident Related: 3383(b)- For lack of clothing appropriate for the work (e.g. fire resistant clothing or lab coat)

Use additional form(s) as needed.

	Signature <i>C. Renee Jones</i>	Date <i>3/10/10</i>
Prepared by: III	C. Renee Jones, Assoc. Safety Engineer	<i>3.10.10</i>
Reviewed by: DM	<i>Hassan Akbar</i>	<i>3/10/10</i>

Cal/OSHA 170A (4/28/95)