

Toxics In Construction

State Building & Construction Trades Council of CA

Train-the-Trainer Course 2014

Agenda — Day One

- 8:00 - 8:45am** **Introductions and Overview**
- Course overview
 - Pre-test
 - Review course binder
 - Cal/OSHA Quiz
- 8:45 - 10:00** **Toxics In Construction Training**
- Model teaching the curriculum
- 10:00 - 10:15** **Break**
- 10:15 - 12:00** **Toxics In Construction Training (cont.)**
- Model teaching the curriculum
- 12:00 - 12:30** **Lunch (provided) (Pick Teams and Training Topics)**
- 12:30 - 2:00** **Health Effects of Toxic Hazards**
Guest speaker, Dr. Robert Harrison, MD, MPH,
Occupational Medicine Specialist, Clinical Professor of
medicine, UCSF
- 2:00 - 2:15** **Break**
- 2:15 - 3:45** **Equipment Demonstration**
- Guest speaker: Wayne Benedict, Senior Director
Business Development, HILTI Inc.
- 3:45 - 4:00pm** **Wrap Up Day One**
- Post test
 - Evaluate Day One

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Agenda — Day Two

- 8:00 - 8:15am** **Welcome Back**
- Review Post Test
 - Overview of Day Two
- 8:15 - 9:00** **How Adults Learn Best**
- Review Cal/OSHA Quiz
 - Elements of good and bad training
 - Interactive training methods
 - Aim for the bull's eye
- 9:00 - 10:00** **Cal/OSHA Speaker**
- Discusses enforcement perspective on toxic exposures in CA construction
- 10:00 - 10:15** **Break**
- 10:15 - 10:30** **Cal/OSHA Speaker (cont.)**
- Q & A
- 10:30 - 12:30** **Prepare Teach Back Presentations**
- Assemble teams from Day One
 - Review objectives and guidelines
 - Teams prepare to teach a 15-minute session on their selected topic
- 12:30 - 1:00** **Working Lunch (continue preparation if needed)**
- 1:00 - 3:30** **Practice Teaching-Student Presentations**
- 3:30 - 4:00pm** **Evaluation, and SBCTC Paperwork**
- Review SBCTC course paperwork
 - Day 2 course evaluation
 - Course certificates
 - Next steps

What Do You Know About Cal/OSHA?

True	False	
<input type="checkbox"/>	<input type="checkbox"/>	1. The employer, the workers, and the union are all legally responsible for providing a safe and healthful workplace.
<input type="checkbox"/>	<input type="checkbox"/>	2. Only a worker directly affected by a hazardous situation may file a complaint with Cal/OSHA.
<input type="checkbox"/>	<input type="checkbox"/>	3. You must be a U.S. citizen to file a complaint with Cal/OSHA.
<input type="checkbox"/>	<input type="checkbox"/>	4. Employers will know when an inspector is coming and who filed the complaint.
<input type="checkbox"/>	<input type="checkbox"/>	5. During an inspection, Cal/OSHA inspectors must talk to workers.
<input type="checkbox"/>	<input type="checkbox"/>	6. Workers in California may refuse to do work that poses a substantial probability that death or serious physical harm could result.
<input type="checkbox"/>	<input type="checkbox"/>	7. It is illegal for a California employer to fire a worker because he/she complains about unsafe or unhealthful working conditions on the job.
<input type="checkbox"/>	<input type="checkbox"/>	8. If you suspect that something is hazardous in your workplace, the best course of action is always to call Cal/OSHA right away.

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Pre-Test

Name: _____ Date: _____

1. List three factors that determine if a substance is likely to cause harm:

1. _____
2. _____
3. _____

2. List three ways toxic substances enter your body:

1. _____
2. _____
3. _____

3. List three forms of toxic substances:

1. _____
2. _____
3. _____

4. Explain the difference between an acute and chronic health effect and give an example of each.

Acute:

Example: _____

Chronic:

Example: _____

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Pre-Test (cont'd)

5. What does "PEL" stand for? What is it? Who enforces it?

PEL: _____

What is it? _____

Who enforces it? _____

6. What are the 9 symbols called in the new Globally Harmonized System of Classification and Labeling of Chemicals (GHS)?

7. OSHA requires that six types of information must be listed on the GHS labels. Name three of them:

1. _____
2. _____
3. _____

8. How many sections are required for the new Safety Data Sheets?

9. When must distributors use the new GHS labels on their products? (Circle the correct answer.)

- a) December 1, 2013
- b) December 1, 2014
- c) December 1, 2015

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Pre-Test (cont'd)

10. What are the three types of controls referred to in the hierarchy of controls?

a) _____

b) _____

c) _____

11. List three things required by Cal/OSHA under their Respiratory regulation (Title 8, CCR, Section 5144):

1. _____

2. _____

3. _____

12. Why is PPE the least effective type of control?

13. What can workers do to protect their family members from the dusts and fibers they're exposed to at construction job sites?

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Post-Test

Name: _____ Date: _____

1. List three factors that determine if a substance is likely to cause harm:

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2. List three ways toxic substances enter your body:

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TOT Course Evaluation 2014

Training Date: _____ Your Name (optional): _____

Instructors: Nazima El-Askari, LOHP and Laura Boatman, SBCTC

Thank you for taking the time to complete this evaluation. Your feedback is important and will be used to improve the program.

Overall Training Elements

Please rate the following aspects of the training, using the scale below:

	Poor	Fair	Good	Excellent
Content of training	1	2	3	4
Organization of training	1	2	3	4
Quality of presenters	1	2	3	4
Relevance to your work	1	2	3	4
Opportunity for participation	1	2	3	4
Quality of materials/binder	1	2	3	4
Overall course rating	1	2	3	4

Comments

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State Building & Construction Trades Council of CA TOT Course Evaluation 2014

Please evaluate each training topic below. Circle the best answer.

	Not Useful	Useful	Very Useful
Curriculum	1	2	3
PPT slides	1	2	3
Silica Video-Canada	1	2	3
Silica Video-SBCTC	1	2	3
Pyramid Game	1	2	3
Guest Speaker: Dr. Harrison, MD	1	2	3
Hilti demonstration	1	2	3
Cal/OSHA Speaker	1	2	3
Practice Teaching	1	2	3
Training Facility	1	2	3

How confident are you teaching co-workers or students about health and safety using the activities from this course?

___ Not confident ___ Somewhat confident ___ Confident

Comments

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TOT Course Evaluation 2014

1) What did you like most about the training?

2) How could the training be improved?

3) What additional training would you like on health & safety at your job?

4) Other comments?
