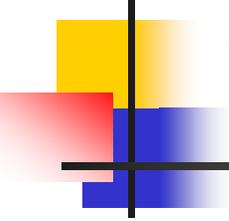


Annual Health & Safety Training

California Integrated Waste Management Board Health & Safety Program

*Krause
& Associates*

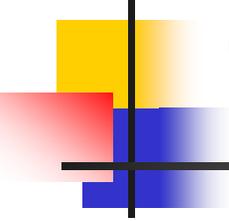
216 F Street, Suite 162 Davis, California 95616
Tel: 530.758.6397 Fax: 530.758.6506
P.O. Box 639 Little River, California 95456-0639
Tel: 707.937.3920 Fax: 707.937.1639



Training Goal

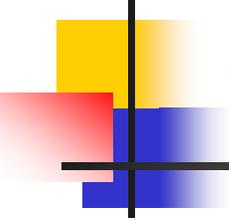
Provide ongoing refresher training to:

- ✓ Review the potential causes of injury and illness;
- ✓ Maintain employee awareness of the risks associated with workplace hazards;
- ✓ Enhance knowledge and skills to empower staff to take appropriate action to protect themselves, Board assets, the public, and the environment.



Training Objectives – Back to Basics

- ❑ List four “rights” afforded workers under Cal/OSHA Law
- ❑ List three required elements of Site Control
- ❑ List four performance criteria for CPC
- ❑ Describe the differences between Level C and B Protection
- ❑ Define three work zones required in Site Control
- ❑ Define three characteristics of chemically resistant PPE
- ❑ List three limitations of Personal Protective Equipment.
- ❑ List three hazards that maybe encountered remediating clandestine drug labs

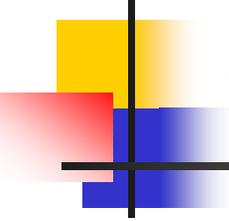


Occupational Health & Safety

**Federal Law - Title 29 CFR: Public Law 91-596
Occupational Safety & Health Act
Fed/OSHA**

- ❑ Department of Labor
Occupational Safety & Health Administration (Federal OSHA)
Title 29 Code of Federal Regulations (29 CFR)

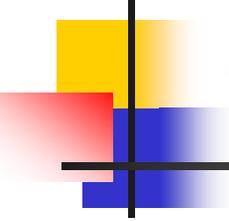
- ❑ Department of Health & Human Services
National Institute for Occupational Safety & Health (NIOSH)



Occupational Health & Safety

State Law - Title 8 CCR: California Labor Code California Occupational Safety & Health Act Cal/OSHA

- ❑ Department of Industrial Relations
Division of Occupational Safety & Health (Cal/OSHA)
Title 8 California Code of Regulations (T8 CCR)
- ❑ Cal/OSHA Standards Board
- ❑ Cal/OSHA Appeals Board
- ❑ Department of Health Services - HESIS
Assist in hazard surveillance and developing occupational health standards.

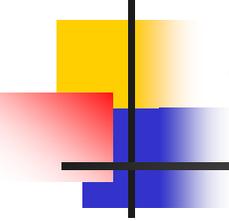


Occupational Health & Safety

Occupational Carcinogen Control Act

- ❑ Department of Industrial Relations; and
- ❑ Department of Health Services

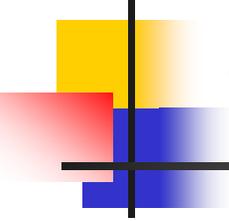
Specifically regulates known human carcinogens such as asbestos, vinyl chloride, benzene, ethylene oxide, formaldehyde, etc.



Occupational Health & Safety

Hazardous Substances Information & Training Act (Worker Right-to-Know)

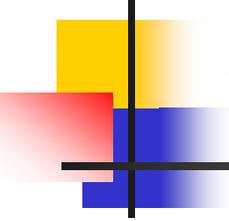
- ❑ DIR - in addition to inspections & enforcement, maintains the Director's List of Hazardous Substances.
Training & Material Safety Data Sheets must be provided to employees working with any "listed" chemical.
Proposition 65 List adopted into the regulation.
- ❑ DHS - responsible for surveillance of new chemical hazards in the workplace and maintaining a repository of information. The Hazard Evaluation System & Information Service (HESIS)



Occupational Health & Safety

Senate Bill 198 - "Injury & Illness Prevention Programs"

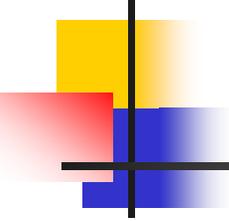
- ❑ DIR - focuses Cal/OSHA "discretionary" inspections in high-hazard industry;
Redirects Cal/OSHA towards ensuring employers have an effective occupational injury and illness prevention program;
Revised Cal/OSHA penalty assessment process; and,
Amended the Labor and Insurance Codes.
- ❑ Cal/OSHA Standards Board directed to adopt "Injury and Illness Prevention Program" standard.



Occupational Health & Safety

Worker Rights Under OSHA Law

- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____



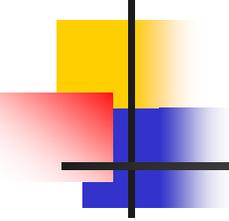
Environmental Health & Safety

Federal Law - Title 40 CFR: Public Law 94-580

RCRA - _____

Environmental Protection Agency (EPA)

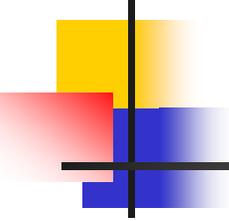
- Cradle to grave management of hazardous waste generated by industry
- Hazard criteria:
 - _____
 - _____
 - _____
 - _____
- Permitted (licensed) treatment, storage, and disposal facilities
- HZW Transported under Uniform Manifest



Environmental Health & Safety

State Law - Title 22 CCR: Health & Safety Code Chapter 6.5 Cal/EPA - Department of Toxic Substances Control

- ❑ Cal/EPA is the equivalent to the federal EPA for hazardous waste
- ❑ California laws often more protective of the environment and have stronger enforcement authority
- ❑ In some situations Cal/EPA enforces both federal (T40 CFR) and state (T22, T26 CCR) regulations
- ❑ Local agencies (CUPC) responsible for enforcing generator requirements but have no authority to enforce against permitted treatment, storage, or disposal facilities

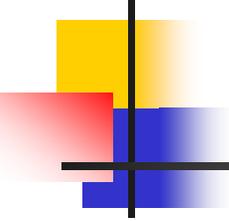


Environmental Health & Safety

CERCLA

□ Gave EPA the authority to:

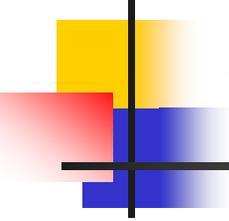
- respond to threats to the public health or environment
- clean-up releases of hazardous materials to the environment
- provided \$1.6 billion dollars for clean-up activities and enforcement
- established National Priority List (NPL) which ranks sites according to their potential hazard to the surrounding environment
- requires notification of releases of listed hazardous substances



Environmental Health & Safety

SARA -

- Re-authorized Superfund for five years
 - increased amount in Superfund to \$8.5 billion
 - set completion deadlines for clean-up projects
 - increased EPA enforcement authority
- Title III requirements – Community Right-To-Know
 - Local Emergency Planning Committees – LEPC’s
 - Industry reports – HMS inventories
 - Inventories & MSDS’s to LEPC’s
- Federal OSHA to promulgate a health and safety standard



Occupational Health & Safety

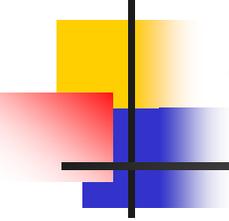
Hazardous Waste Operations & Emergency Response HAZWOPER

- ❑ Title 29 CFR §1910.120 (§1926.65 CSO)

Cal/OSHA Standard

- ❑ Title 8 CCR §5192
- ❑ Operations covered:

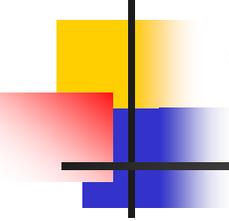
- _____
- _____
- _____
- _____
- _____



Occupational Health & Safety

Title 8 CCR §5192(e) Training Requirements:

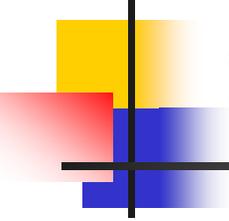
- General site clean-up activities -- _____
- Limited site activities (inspections, etc.) -- _____
- Supervisors -- _____
- All HZW operations personnel -- _____



Site Control - Purpose

Title 8 CCR §5192(d) Site Control:

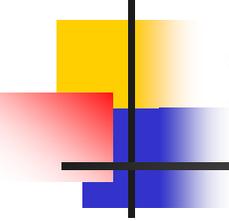
- _____
- _____
- _____



Site Control - Elements

Title 8 CCR §5192(d) Site Control:

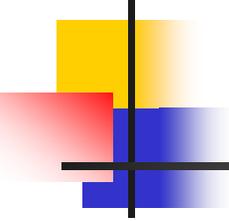
- _____
- _____
- _____
- _____
- _____
- _____



Site Control – Work Zones; Boundaries

Title 8 CCR §5192(d) Site Control:

- _____
- _____
- _____
- _____
- _____
- _____



Levels of Protection

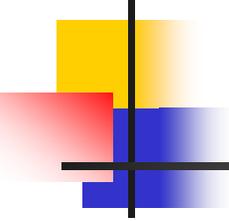
Title 8 CCR §5192(g) Engineering Controls, Safe Work Practices, and Personal Protective Equipment

- Level ___ _____

- Level ___ _____

- Level ___ _____

- Level ___ _____



CPC Performance Requirements





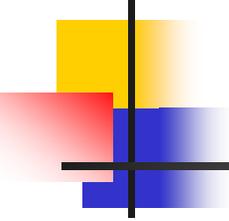












Chemical Resistance



