



# Responding to Chemical Emergencies

A decorative graphic element consisting of a blue gradient shape that starts as a thin point at the top and widens into a curved, fan-like shape extending towards the bottom right corner of the slide.

# Responding to Chemical Emergencies

Captain Wesley Taniyama

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Captain Kenneth Yonemura  
Honolulu Fire Dept.  
Hazmat 2

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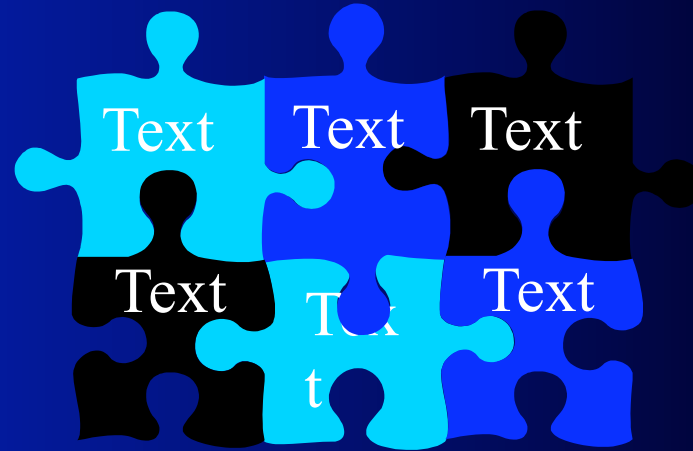
Captain Wesley Taniyama  
Captain Kenneth Yonemura  
Honolulu Fire Dept.  
Hazmat 2

# Introduction

- Capt. Wesley Taniyama
- Captain Kenneth Yonemura

# Overview

- HFD's primary responsibilities at a Hazmat Incident
- What businesses can do to assist HFD at an emergency at your facility



# HFD's Responsibilities

- Establish the ICS
  - Control and management over manpower, communications, resources, strategy and tactics
- Communicate Scene Size-up to fire dispatch
  - Prepares all dispatched companies for incident
  - Communicates what we got, where it's going and what we need
  - Idea of PPE's, assignments, outside agency help, etc

# HFD's Responsibilities

- Secure the area
  - Prevent spread of contamination
  - May use HPD assistance
  - Try not to let it get worse than it already is

## Identify the material

Markings or colors

Placards or labels

Container or vehicle shape

# HFD's Responsibilities

## Identify the Material (Continued)

Occupancy or location

MSDS

Resources (witnesses, CHEMTREC,  
Manufacturer)

Data bases (NIOSH, EXPUB, Cameo fm)

Pre plan information

Air monitoring equipment

Hazmat ID, Etc

# HFD Responsibilities (continued)

- Contain and confine the material
  - Booms, trenching, absorbent pads
  - Over pack drums
  - Plug and patch

# Effect a Rescue

- Minimum 2 man rescue team
- RIT with appropriate PPE set-up
- Accountability (PAS tags)
- Briefing and back-up plan for exit
- Emergency or tech decon set-up

# Initiate a Plan

- Assess tactical options and resources available
- Be aware of own limits w/ respect to training and equipment
- Doing nothing may be best option
- Question what you have and if adding water will worsen situation (runoff?)

# Evacuate the Public

- Weigh risk vs. benefit for evacuation
- Consider shelter in place
- Crowd control issues and spread of contamination

# Decontamination of Victims, Personnel and Equipment

- Consider volume of people
  - Mass, emergency or tech decontamination
  - Privacy issues
  - Medical monitoring

# What You can do to Assist HFD

- Call 911 promptly
- Ensure that all employees and visitors are safe and out of danger
- Assign someone to be in charge
  - Plant manager, safety coordinator, emergency representative to meet with HFD
- Number, location and condition of anyone sick or injured

# What You can do to Assist HFD (continued)

- Communicate What Happened, When, How, Where, and Why?
- Account for all personnel on site
- Inform HFD of hazards present on site
  - Hazardous chemicals, flammable liquids, energized electrical equipment, etc.

# What You can do to Assist HFD (continued)

- Additional information available
  - Plot plans, maps, msds, emergency planning info, etc.

# Conclusion

- Reviewed what HFD would do at a Hazmat incident
- What businesses can do to assist HFD
- Educate employees on emergency procedures
- Conduct drills to test plans and become efficient

# Where to Get More Information

- HFD Fire Prevention Bureau
  - Phone # 723-7155

Kapolei Fire Station #40

– Phone # 682-0533