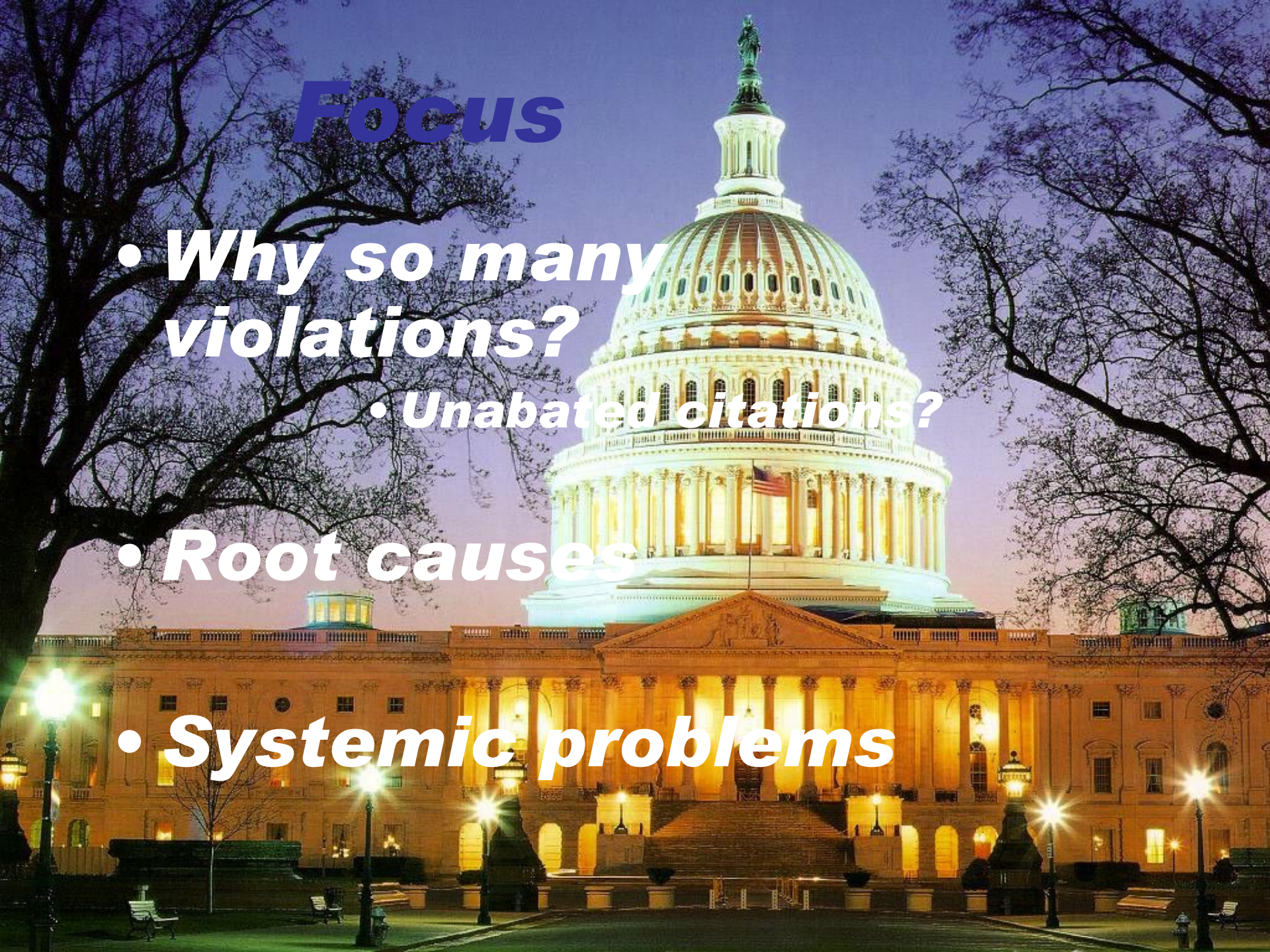


109th Biennial OSH Report



Focus

- *Why so many violations?*
 - *Unabated citations?*
- *Root causes*
- *Systemic problems*



The background of the slide is a photograph of the interior of a grand, ornate building, likely a government capitol or a large museum. The architecture features classical elements such as columns, arches, and a dome. The lighting is dramatic, highlighting the intricate details of the structure. The text is overlaid on this image.

Focus

- ◆ ***What we want Congress to do in response***
- ◆ ***Best Practices***
- ◆ ***Compare to other sectors***

Review and Delivery



Aggressive Schedule

– Mid – February 2007

➤ ***Employing Office Review / Comment***

– Early March

➤ ***Congressional Leadership Briefing***

Review and Delivery

Public Report

◆ *Security Review*

◆ *How to expedite review process*





Report of Americans with Disabilities Act (ADA) Inspections of the 109th Congress

Kate Tapley
Senior Attorney - Office of Compliance
202-724-9248 - ktap@loc.gov
January 24, 2007



What is ADA Public Access?

☞ Public entity (each employing authority)

☞ Title II --

- Access to programs, services and activities

☞ Title III --

- Removal of Barriers to Access in any Place of public accommodation
- Modification of policies, practices and procedures

Past Barriers to Evacuation of Disabled

- ❏ Signage and maps did not show accessible exits and exit routes
- ❏ No braille signage at exits and exit stairwells
- ❏ Inadequate Staging Areas
- ❏ No coordinated plan

Progress -- Removal of Barriers to Safe Prompt Evacuation

Across Campus –

- Staging areas
 - location
 - elevator program
 - communication
- Coordinated plan



Progress -- Removal of Barriers to Safe Prompt Evacuation



📄 House wall maps

- accessible egress points
- staging areas

📄 Existing maps

- temporary stickers

📄 House -- braille and raised character signage

Progress -- Removal of Barriers to Safe Prompt Evacuation

Across Campus

- Continuing progress in providing visual as well as audible emergency alerting devices.
- Office personnel given training.



Needs Work-- Remaining Barriers to Safe Prompt Evacuation

Across Campus

- Braille and raised character signage needed at all building exits
 - exit discharge points
 - including in hallways at exit stairwells
 - within exit stairwells

Needs Work-- Remaining Barriers to Safe Prompt Evacuation

Staging Areas

- Communication devices
- Primary and Secondary location



Needs Work

Other Safety Issues

Grounds

- temporary ramps
- sidewalk curb ramps



Needs Work

Other Issues

Across Campus

- Door opening force too heavy
- Wall signs
- Hallways kept clear of obstructions



Logistics of 109th ADA Report

Building Charts to Covered Entities

- Estimates of cost and time to remove barriers
- Comments published in charts with published Report

Building Charts to USCP for security review

Report and Charts to Offices for Comment

- Response letters published with Report

The seal is circular and features a central illustration of the U.S. Capitol dome with rays of light emanating from behind it. Below the dome is a stylized American flag with stars and stripes. The words "Congressional Accountability" are written in a serif font along the top arc of the seal, and "OFFICE OF COMPLIANCE" is written along the bottom arc. The year "1995" is visible on the right side of the seal.

Any comments or questions?

Kate Tapley

Senior Attorney

Office of Compliance

202-724-9248 ktap@loc.gov

Office of Compliance Plan for Inspecting 110th Congress Facilities

David K. Young

Management/Program Analyst

OSH/ADA Working Group Meeting

January 24, 2007



Welcome

- Opening Conferences
- Inspection Schedule
- Inspection Calendar
- Reporting Procedures
- Contact Information

Opening Conferences

- Offered at agencies request
- Special requests need to be made clear when setting up a meeting
- Timing

Inspection Schedule

- Comprehensive Inspection (same as last Congress)
- All agencies received a .pdf of 110th Calendar
- Calendar is posted on OOC website - www.compliance.gov

OOC Inspection Calendar

- Gaps in Schedule are intentional
- Member/Committee Offices
- Looking for new violations
- Verify abatement of previous violations

Reports from and Responses to the OOC

- Hazard Summary Report (.pdf)
 - ◆ Separated by organization
 - ◆ Each agency gets its own report

1 New 2 Lock 3 Location 4 Print 5 Find 6 Findings 7 Risk 8 Abate

Finding ID: 01-11530

Observed 12/6/2005 ID 01-11530
 Comments Bookmark Case ID

2 Location CAP-U.S. Capitol Area SBCR1U

3 Finding **Change Organization**

4 Risk

5 Abt. Plan

6 Notification

7 Abate

Discip

Organization	Facility POC
Capitol Guide Service	Stevens, T.
Congressional Budget Office	Rentner, S.
Congressional Research Service	Salinas, M. A.
House Sergeant at Arms	Livingood, W.
Library of Congress	Pugh, E.
Office of Compliance	Eveleth, P. A.
Office of House Employment Counsel	Lett, G.
Office of the Architect of the Capitol	Mulshine, K.
Office of the Architect of the Capitol	Adams, S. P.
Office of the Attending Physician	Eisold, J.
Office of the Chief Administrator of the House	Eagen III, J. M.
Secretary of the Senate	Erickson, N.
Senate Chief Counsel for Employment	Manning, J.
Senate Sergeant at Arms	Gainer, T.
U.S. Government Accountability Office	Andrews, M. S.
United States Capitol Police	Herrera, F. M.

Change Cancel

Preview

- Hazsumrpt.Rpt
 - Adams, S. P.
 - CAP-U.S. Capitol
 - Eagen III, J. M.
 - CAP-U.S. Capitol
 - Gainer, T.
 - CAP-U.S. Capitol
 - Herrera, F. M.
 - CAP-U.S. Capitol
 - Lett, G.
 - CAP-U.S. Capitol
 - Manning, J.
 - CAP-U.S. Capitol
 - Mulshine, K.
 - CAP-U.S. Capitol

Date: 1/10/2007

This Document May Contain Security S
Office o
Office of the
Hazard S

Adams, S. P.
CAP-U.S. Capitol

Area Finding No.	Inspected	Case ID	RAC	Status	Inspector	Hazard I
(whole facility)						
01-12398	03/21/2006		2	Open	Seymour & Guzman	The fire sprinkler system does not cover the Office area.
Location:	Second floor of the whole building, except for the Speaker's office area					Primary Standard: (OOC CC
						Related Standards: 29 CFR 1
						Comments:
01-12397	03/21/2006		2	Open	Seymour & Guzman	The present fire sprinkler system
Location:	First floor of the whole building					Primary Standard: (OOC CC
						Related Standards: 29 CFR 1
						Comments:

Reports from and Responses to the OOC

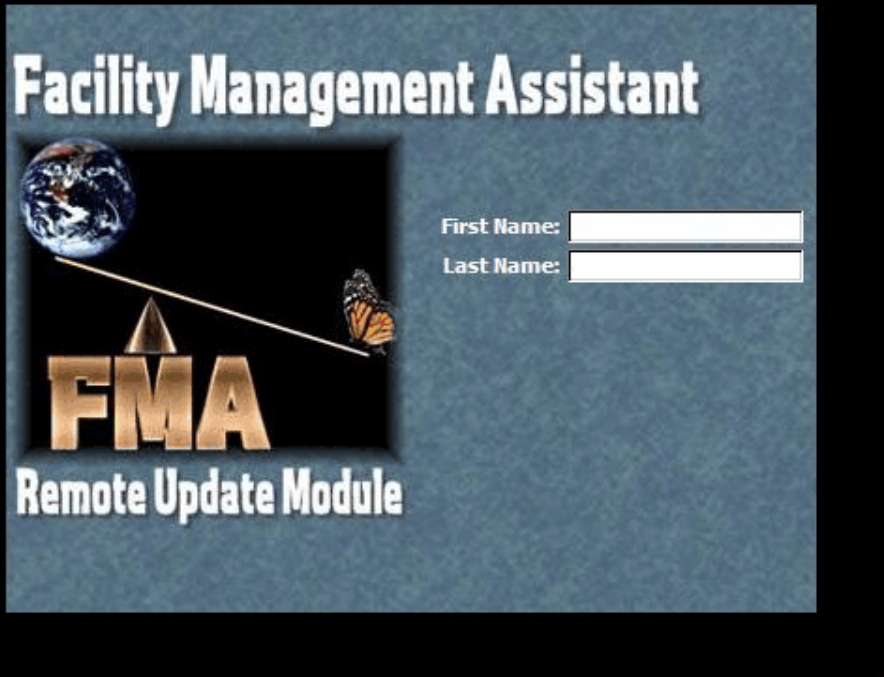
- Hazard Summary Report (.pdf)

- ◆ Separated by organization
- ◆ Each agency gets its own report

- Deficiency notice (.mdb)

- ◆ Review findings
- ◆ Use to respond to OOC

LogInScreen : Form



The login screen features a dark blue background with a central graphic. The graphic includes a globe, a butterfly, and the text 'FMA Remote Update Module' in a stylized font. To the right of the graphic are two text input fields labeled 'First Name:' and 'Last Name:'.

Facility Management Assistant

First Name:

Last Name:

FMA

Remote Update Module

DEFICIENCY NOTIFICATION Control Panel

This Document May Contain Security Sensitive Material - Please Handle Accordingly

Office of Compliance
Office of the General Counsel

FMA Electronic Inspection Notification Report Distribution & Management Module

The following deficiencies were observed by safety specialists during a recent inspection of your facility(ies).

Generated: 1/4/2007
Return by: 2/3/2007

Please review each and provide information on any interim actions, abatement plan, and tasks.

You do not have to detach from the e-mail message. You can work on your findings directly in this e-mail message.

After you have completed updating this list, please FORWARD the email back to the person who sent it to you.

Please contact us if you have any questions or comments.

01-10432, 01-10434, 01-10447, 01-11063, 01-11064, 01-11065, 01-11530, 01-11531, 01-11546, 01-11550, 01-11552, 01-11553, 01-11554, 01-11631, 01-11701, 01-11744, 01-11777, 01-11778, 01-11779, 01-11780, 01-11781, 01-11782, 01-11783, 01-11795, 01-11796, 01-11797

RAC 1,2,3 Deficiencies:	143
RAC 4,5 Deficiencies:	4
Total:	147

- View List of Deficiencies
- Update Deficiencies
- Done

Findings Requiring Review and Update Information

1/4/2007 This Document May Contain Security Sensitive Material - Please Handle Accordingly
 Office of Compliance
 Office of the General Counsel

DEFICIENCY LIST

ID	Building	Room	Observed	RAC	Reference
▶ 0110432	CAP-U.S. Capitol	H163	2/23/2006	3	OOO COMMON FINDINGS29

Finding: The electrical panel's directory (index) of circuit breakers is missing, so it is not possible to readily determine areas controlled by individual breakers.

Recommendation: AOC / It is important that the purpose of each used breaker be identified so circuits can be readily identified during emergencies and so electrical maintenance activities can be conducted safely.

DEFICIENCY NOTIFICATION Control Panel

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Office of Compliance
Office of the General Counsel

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01-10432, 01-10434, 01-10447, 01-11063, 01-11064, 01-11065, 01-11530, 01-11531, 01-11546, 01-11550, 01-11552, 01-11553, 01-11554, 01-11631, 01-11701, 01-11744, 01-11777, 01-11778, 01-11779, 01-11780, 01-11781, 01-11782, 01-11783, 01-11795, 01-11796, 01-11797

RAC 1,2,3 Deficiencies:	143
RAC 4,5 Deficiencies:	4
Total:	147

1 View List of Deficiencies

2 Update Deficiencies

3 Done

This Document May Contain Security Sensitive Material - Please Handle Accordingly
Office of Compliance
Office of the General Counsel

OSH DEFICIENCY NOTICE CATEGORY: Generated: 1/10/2007

SECTION A - DEFICIENCY INFORMATION

<u>ORGANIZATION</u> Adams, Eagen, Herrera, Stevens, Manning, Capitol Building	LOCATION: CAP-U.S. Capitol / H163 AREA: Panel box in corridor	ID: 01-10432
---	---	---------------------

DESCRIPTION OF HAZARD:
The electrical panel's directory (index) of circuit breakers is missing, so it is not possible to readily determine areas controlled by individual breakers.

SUGGESTED CORRECTIVE ACTION:
AOC / It is important that the purpose of each used breaker be identified so circuits can be readily identified during emergencies and so electrical maintenance activities can be conducted safely.

STANDARD VIOLATED: OOC COMMON FINDINGS29 CFR 1910.303(a)ELECTRICAL	RAC: 3 PRIORITY:	EXPOSED:
OSH OFFICIAL: Mallinger, Thompson, Guzman	OBSERVED: 2/23/2006 ABATE BY: 5/14/2006	

SECTION B - ABATEMENT STATUS (Complete all applicable parts)

INTERIM CONTROLS:

ABATEMENT PROJECT INITIATED COST ESTIMATE: COMPLETION DATE (est):

PROJECT DESCRIPTION:

CORRECTIONS(s)

	Task	Est. Labor	Est. Materials	Act. Labor	Act. Materials	Status
▶						
*						

DEFICIENCY NOTIFICATION Control Panel

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Office of Compliance
Office of the General Counsel

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RAC 1,2,3 Deficiencies:	143
RAC 4,5 Deficiencies:	4
Total:	147

- View List of Deficiencies
- Update Deficiencies
- Done

Reports from and Responses to the OOC

- Hazard Summary Report (.pdf)
 - ◆ Separated by organization
 - ◆ Each agency gets its own report
- Deficiency notice (.mdb)
 - ◆ Review findings
 - ◆ Use to respond to OOC
- 110th Congress Response Sheet (.wpd)

The US Capitol Building
109 Congress Periodic OSH Inspection Findings

ABATEMENT RESPONSE AND OTHER COMMENTS

QOC's Finding Number	Update on Completed or Proposed Abatement Actions, With Date Completed or Estimated Date for Future Action	Estimated Cost (if available) for long term projects.	Other Comments

(Users may add rows, as needed)

Contact Information

- David K. Young

- ◆ 202.724.9266
- ◆ Dayo@loc.gov

- Carol Griffith

- ◆ 202.724.9251
- ◆ Cgri@loc.gov



The background features a historical manuscript with a quill pen and a detailed diagram of a sundial. The sundial diagram shows a gnomon (a vertical line) casting a shadow on a circular dial with Roman numerals. The dial is divided into sections, and the gnomon is labeled with letters like 'G', 'H', 'I', 'K', 'L', 'M', 'N', 'O', 'P', 'Q', 'R', 'S', 'T', 'U', 'V', 'W', 'X', 'Y', 'Z'. The dial itself is labeled with letters 'A', 'B', 'C', 'D', 'E', 'F', 'G', 'H', 'I', 'K', 'L', 'M', 'N', 'O', 'P', 'Q', 'R', 'S', 'T', 'U', 'V', 'W', 'X', 'Y', 'Z'. The manuscript text is written in a cursive script, with some words like 'EGH' and 'D' visible. The overall scene is set against a light blue background.

Thank you for coming!

Any Questions?



*Advancing Safety, Health, and workplace rights in the
Legislative Branch*

Violation Awareness

by Stephen Mallinger, CIH

OSHA/ADA Quarterly Conference

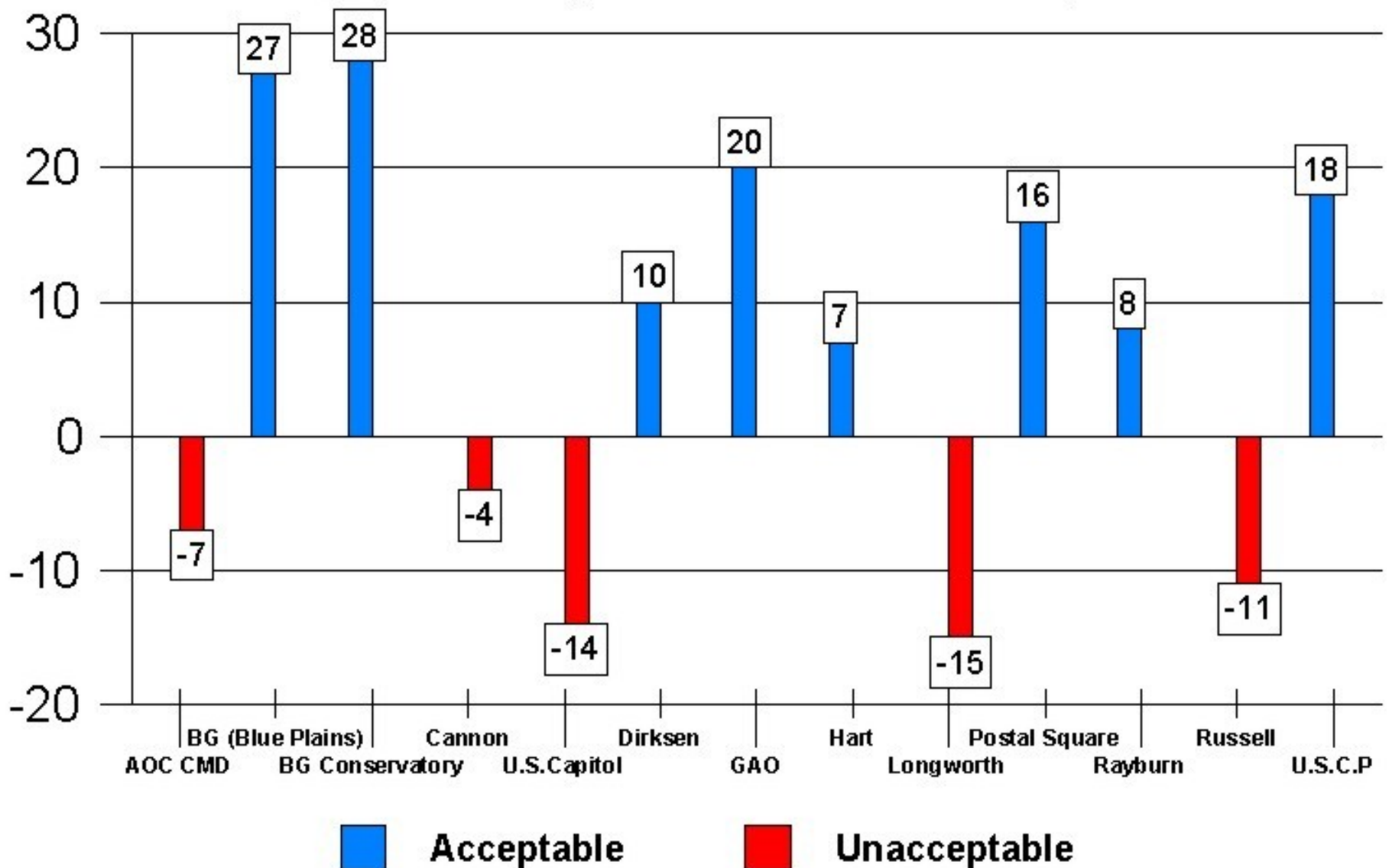
January 24, 2007

Adding Employees into Existing Facilities

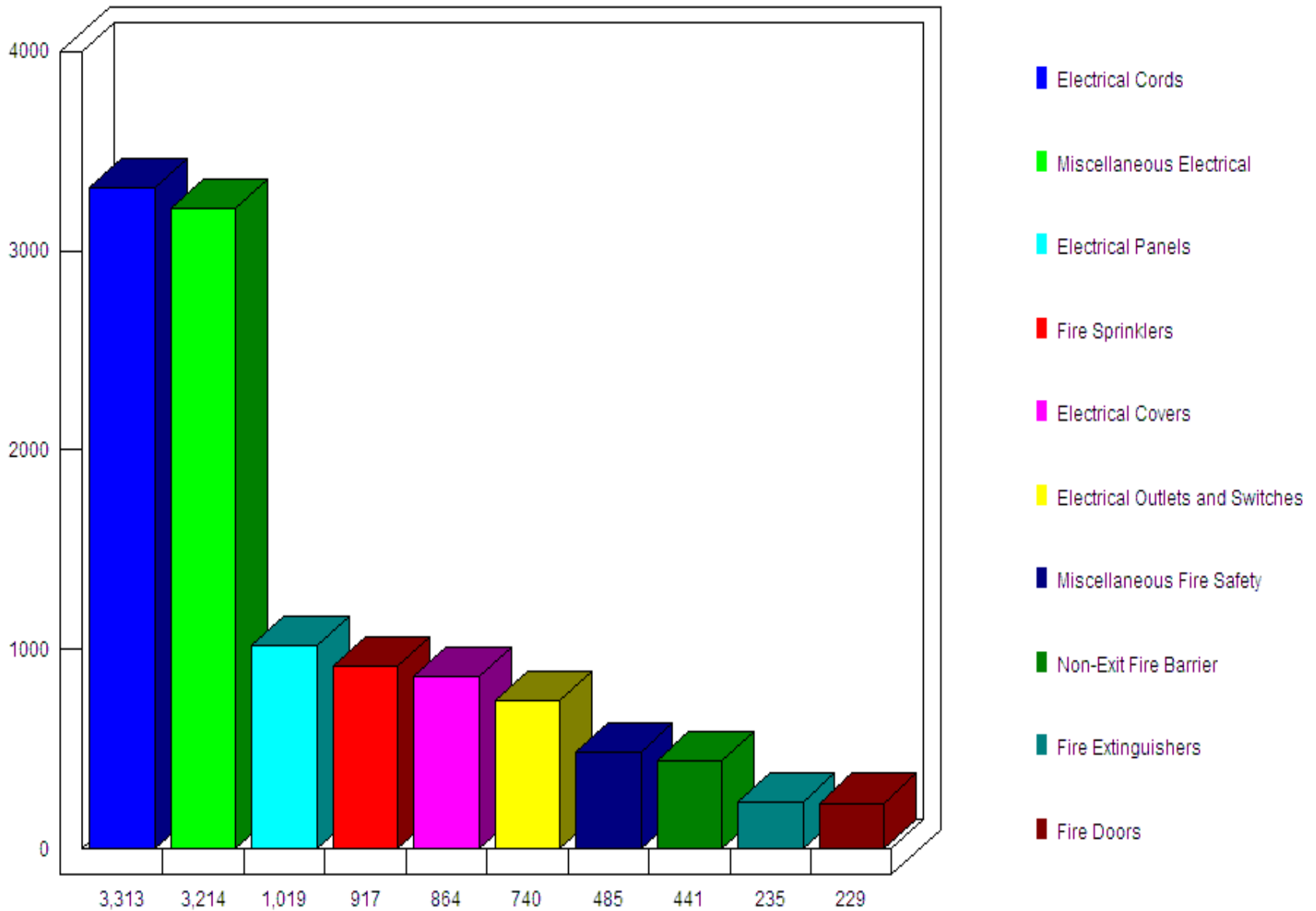
- Major Space Problems on Capitol Hill
- Storage Areas Are Now Made into Offices
- Many Capitol Hill Bldgs. Do Not Meet OSHA Egress Regs. or Life Safety Code
- Deficient Exit Capacity in Bldgs.
- Increasing Occupants to Code Deficient Facilities Leads to Increases Risks

Fire Safety Ratings

Evaluated using the Fire Safety Evaluation Worksheet 8.6.1 per NFPA 101A



Ten Most Common Types of Hazards Found in the 109th Congress



Total Findings: 11,457 of 13,147

Table 1. Safety Risk Assessment Code Matrix

Probability Categories	Hazard Severity Categories			
	I	II	III	IV
Likely to occur immediately (A)	RAC 1	RAC 1	RAC 2	RAC 3
Probably will occur in time (B)	RAC 1	RAC 2	RAC 3	RAC 4
Possible to occur in time (C)	RAC 2	RAC 3	RAC 4	
Unlikely to occur (D)	RAC 3	RAC 4		

OOO has based the structure of the RAC tables (Tables 1 and 2) on information from John Zoldak of The Zoldak Group, Inc., and the definitions of the classifications and categories on the Department of Defense Instruction 6055.1, <http://www.dtic.mil/whs/directives/corres/pd2/160551p.pdf>. The definitions of the Hazard Severity categories from the DOD Instruction are as follows:

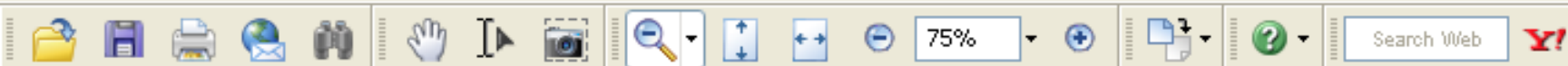
- *Severity Category I:* Death or permanent total disability.
- *Severity Category II:* Permanent partial or temporary total disability; off work more than 3 months.
- *Severity Category III:* Lost-workday or compensable injury.
- *Severity Category IV:* First aid or minor supportive medical treatment.

Prioritize Abatement Work

- Over 13,000 Violations Found During 109th Biennial Inspection
- Target Abatement Time:
 - Fix RAC 1s Within 24 Hours
 - Fix RAC 2s Within 40 Days
 - Fix RAC 3s Within 80 Days
 - Fix RAC 4s Within 365 Days

Fast Facts on Web

- Fire Doors
- Slips, Trips, & Falls
- Space Heaters
- Obstructing Sprinklers
- Damaged Power Cords
- Fire Extinguishers
- Fire Wall Penetrations
- Electric Panel Accessibility
- Exposed Energized Wiring & Component
- Extension Cords
- GFCIs
- Pressurized Cylinders
- Smoke Detectors
- Exit Signs

Find: Previous Next

Pages

Attachments

Comments

Office of Compliance

fast facts

advancing safety, health, and workplace rights in the legislative branch



August 2006
Volume I, Number 8

Pressurized Cylinders

The Loaded Weapon in Your Workplace

If you had a potentially deadly weapon in your workplace, you'd probably keep a close eye on it. Yet, during their biennial health and safety inspections, Office of Compliance (OOC) inspectors repeatedly find hazardous pressurized cylinders unsecured and full of gases.

Potential Dangers of a Pressurized Cylinder

Pressurized cylinders, used to store various flammable and nonflammable gases, are likely to fall over if left unsecured, such as those in Figure 1. Such a fall could cause damage to the cylinder's

valve or the cylinder itself, resulting in a gas leak.

A rapid loss of pressure can turn a cylinder into an unguided missile powerful enough to break through a concrete wall. If the cylinder's gas is flammable, that power may also be accompanied by a fire or explosion.

Pressurized cylinders can result in some of the most serious violations cited by the OOC. In all its inspections, the OOC assigns a Risk Assessment Code (RAC) on a scale of 1 (most serious) to 4 (least serious) to each violation to help explain the severity of the hazard. OOC inspectors assign a RAC 1 to all unsecured cylinders with the flow



Future Fast Facts

- Missing Ceiling Tiles
- Methylene Chloride
- Eye Wash/Emergency Showers
- Daisy Chains
- Any Suggestions?

As high as 10k downloads per month

Safety Award Program

- Only Member Offices in 109th Biennial
- Plan to Expand Into Other Areas During 110th
- Committees or Jurisdictions?
- What Do You Think? Suggestions?

Plug For Modular Furniture

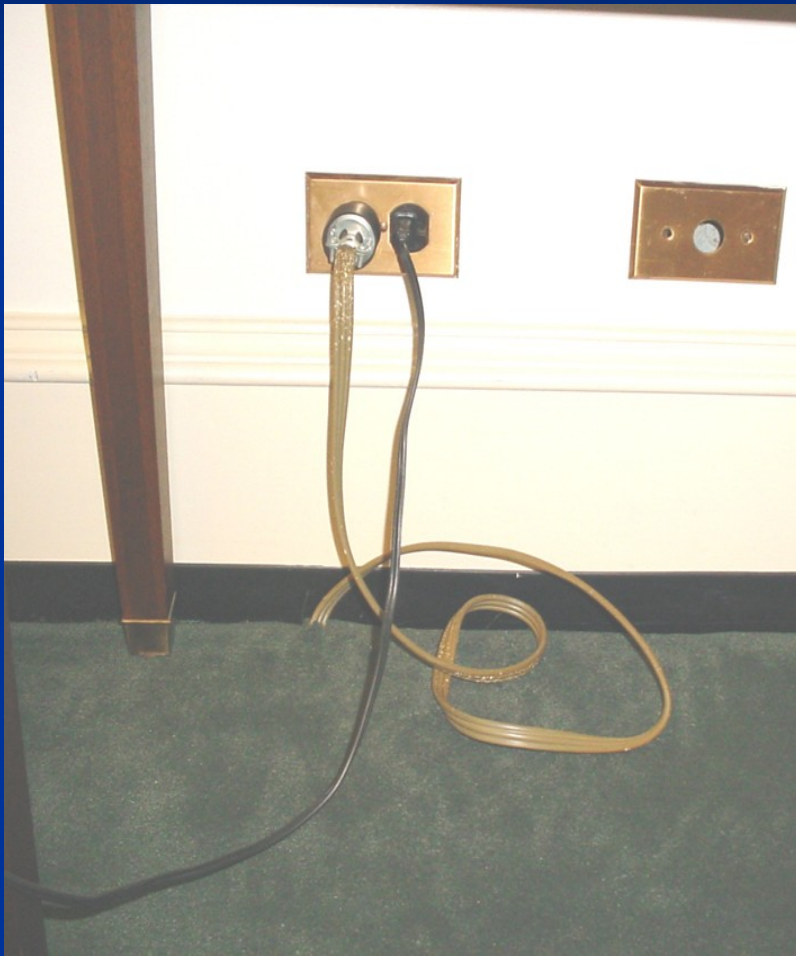
- All Offices Receiving Awards Had This
- No Need For Extension Cords
- No Blocking Or Restricting Exits
- More Efficient Use Of Space
- GSA Says Most Executive Branch Bldgs Have

Problems to Anticipate

- Fire Safety/Life Safety Code (NFPA 101)
 - Egress Capacity Including Corridors, Stairways 29 CFR 1910.35, 36, 37
 - 100 Sq. Ft. Per Person
 - Doors Opening in Direction of Exit Travel
 - Travel Distance (distance to exit)
 - Fire Alarms Systems

Problems to Anticipate

(electrical)



- Home Made Extension Cord Runs Under Rug
- Overtime Insulation Wears Thin
- Potential Fire Hazard
- Problem is Insufficient Outlets

Problems to Anticipate

(Continued)

- Additional Electrical Problems
 - Inadequate Grounding on Current Service
 - Insufficient Outlets
 - New Occupants Will Find Way to Meet Their Needs, Probably Not Safe Way
 - Always Check Electrical Polarity & Continuity

Problems to Anticipate

(electrical)



- Always Test Outlets
- Use Good Testers
- Continuity
- Ground Impedance
- False Grounds
- Loose Mountings
- Reverse Polarity

Electrical Hazards



- Occupants Will Find a Way to Meet Needs
- Light Has 3 Extenders
- Bulb Hangs Below Reflector

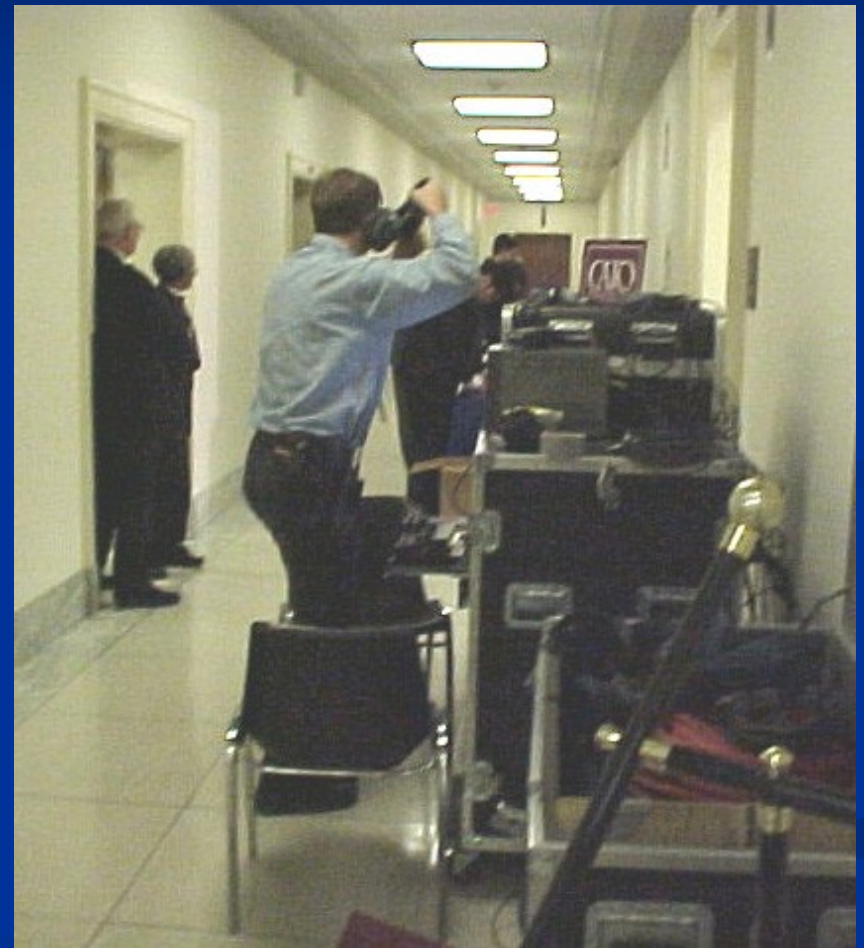
Problems to Anticipate

(Continued)

- Lack of Conference or Meeting Rooms
- Use of Corridors and Restrict Exits
- Store Combustibles in Stairwells
- Lack of Storage Space Results in Blocking Sprinkler Heads
- Install Fire Door Hold Opens on Major Pathways

Problems to Anticipate

(Blocking Corridors)



Problems to Anticipate

(Continued)

- Avoid Using Portable Electric Space Heaters
- Establish Kitchenettes For High Current Devices Like Ovens & Hot Plates
- Contact AOC If Breakers Trip
- Anticipated Problems
- Assign Safety Monitoring As Collateral Duty and Provide Training
- OOC Will Assist in Providing Training

Common Hazards



Problems to Anticipate (Asbestos)

- Buildings Built Before 70's Contain Asbestos
 - 9" by 9" Floor Tiles & Mastic
 - Steam Pipe Lagging
 - Old Duct Lining
 - Various Concrete & Coatings
 - Many Types of Poured Flooring

Problems to Anticipate

(Asbestos)

- Always Take Bulk Samples
- Materials Containing $<1\%$ Asbestos
- Previous Surveys Had Limitations
- Surveyors Did Not Remove False Ceiling Tiles
- Did Not Sample Poured Floors
- May Not Have Taken Enough Samples

Problems to Anticipate

(Lead)

- Structures Built > 50 Years Have Lead
 - Ample Use of Lead Paint
 - Must Sample Under Layers of Paint
 - Painted Pipes Have Lead Paint
 - Many Old Drains Are Lead
 - Air Ducts in Old Bldg.'s Contain Lead

Problems to Anticipate

(Asbestos and Lead)

- Renovating These Areas Involves More Work
- Disturbing Lead & Asbestos Adds to Costs
- Generally Takes More Time
- Must Have Sufficiently Trained Workers
- Must Follow Clearance Procedures

Top 6 Hazards

- Extension Cords - 5K
- Daisy Chaining - 2K
- No GFCI - 337
- Blocked Access to Elec. - 381
- No Electrical Covers - 314
- Use of Multi Taps - 237

End

Web Site

www.compliance.gov

