

# SSC Construction Inspection Safety findings

## October, 2008

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# Construction Safety Findings: 26 September - 02 October 2008

## ■ Findings Total: 0

- Serious Findings: 0

- Less than Serious Findings: 0

## ■ Mishaps: 1 / Close Calls: 2

### ■ Mishap: 1

- Contractor hit a four inch water line while digging a hole.

### ■ Close Call: 2

- Contractor damaged a four inch water line when the side of an open excavation collapsed, causing the line to break.
- Contractor damaged a four inch water line when the side of a trench box hit the exposed water line, causing the line to break.

# Construction Safety Findings: 03-09 October 2008

## ■ Findings Total: 2

### - Serious Findings: 1

#### ■ Fall Protection: 1

- Duct insulator observed using the cable tray as a work platform, exposed to over a nine foot fall hazard, with no fall protection. 29 CFR 1926.501

### - Less than Serious Findings: 1

#### ■ Housekeeping: 1

- The mechanical contractor's storage container was a complete mess, with no clear path in or out and numerous fire hazards. 29 CFR 1926.250(c)

## ■ Mishaps: 0 / Close Calls: 1

#### ■ Close Call: 1

- Contractor damaged a two inch (PVC) water line during a trenching activity. The line was not accurately reflected in the drawing and there was no locate line or tape near the water line.

# Construction Safety Findings: 10-16 October 2008

## ■ Findings Total: 1

- Serious Findings: 0

- Less than Serious Findings: 1

- Electrical: 1

- Subcontractor using a surge suppressor rated for household use and a damaged extension cord. 29 CFR 1926.405

## ■ Mishaps: 1 / Close Calls: 1

- Mishap: 1

- A cabinet installer received a large laceration on his forehead when a section of the cabinet he was working on fell onto him.

- Close Call: 1

- Contractor damaged a two inch (PVC) water line during an excavation. The line was not accurately reflected in the drawing and there was no locate line or tape near the water line.

## ■ Note:

- A contractor neglected to report a mishap to NASA within the required twenty-four hour period, as outlined in numerous locations. This contractor was subject to losing their entire Safety Incentive.
- Reminder: All Mishaps and close calls, regardless of who is at fault, are required to be reported to NASA Safety within twenty-four hours on a NASA Mishap Report (NF 1627).

# Construction Safety Findings: 17-23 October 2008

- **Findings Total: 1**

- **Serious Findings: 1**

- **Electrical: 1**

- Electrician pulling wire into an open and energized circuit breaker panel. 29 CFR 1926.501

- **Less than Serious Findings: 0**

- **Mishaps: 0 / Close Calls: 0**

# Construction Safety Findings: 24-30 October 2008

## ■ Findings Total: 1

### - Serious Findings: 1

#### ■ Trenching: 1

- An employee was in an excavation that was deeper than five feet without protection from a cave-in. 29 CFR 1926.652

### - Less than Serious Findings: 0

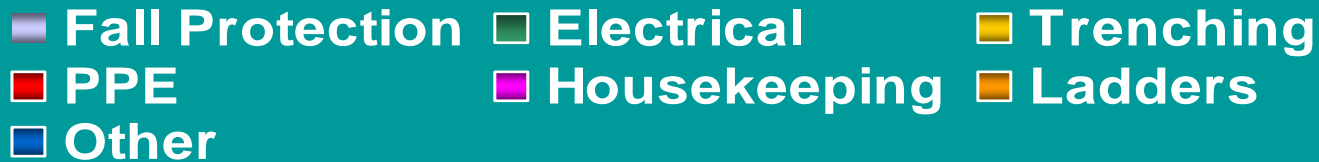
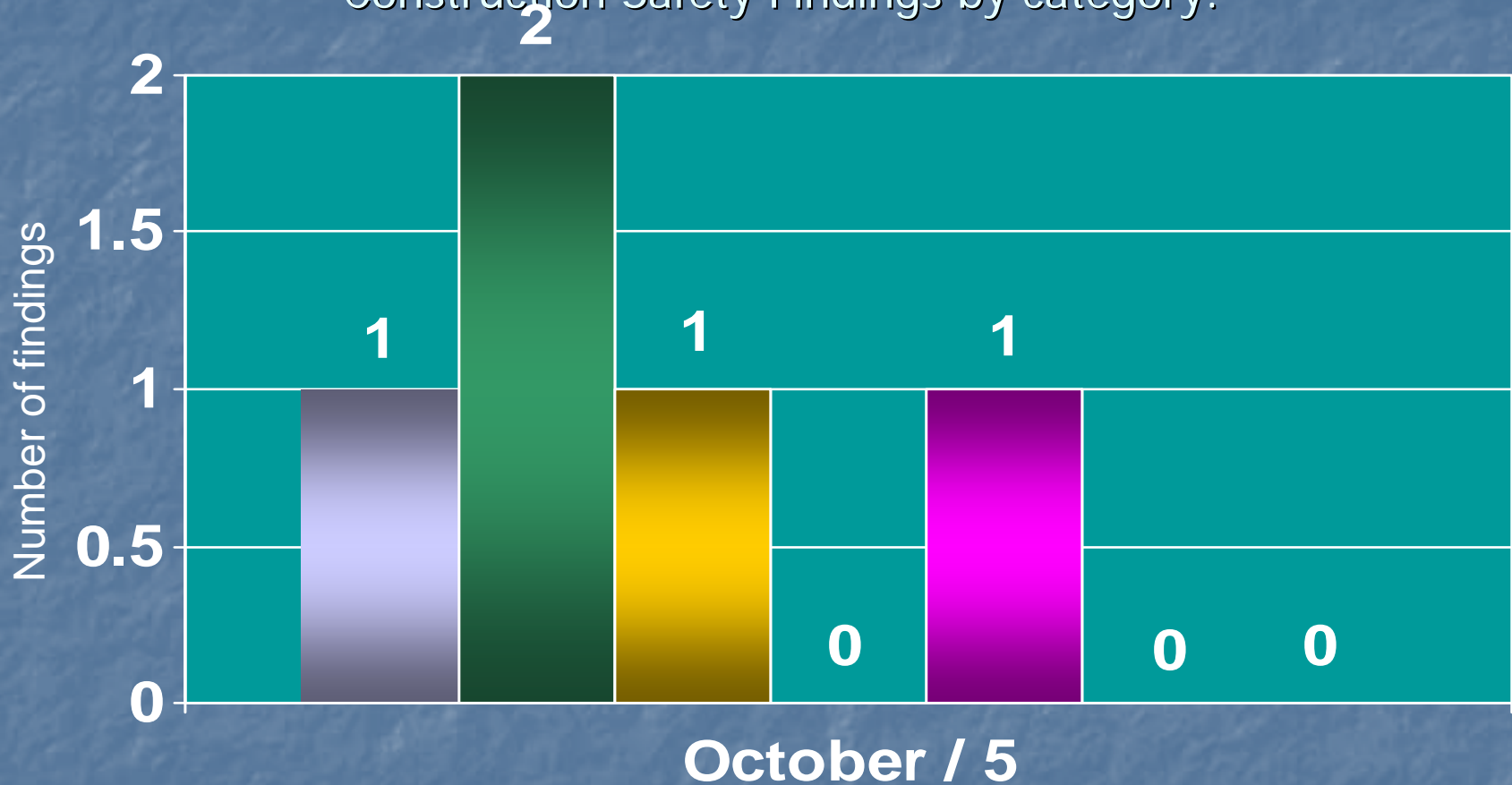
## ■ Mishaps: 0 / Close Calls: 1

#### ■ Close Call: 1

- A concerned person reported that the window installer had dropped several screws along the sidewalk and parking area on the north side of BLDG 1100.

# 2008

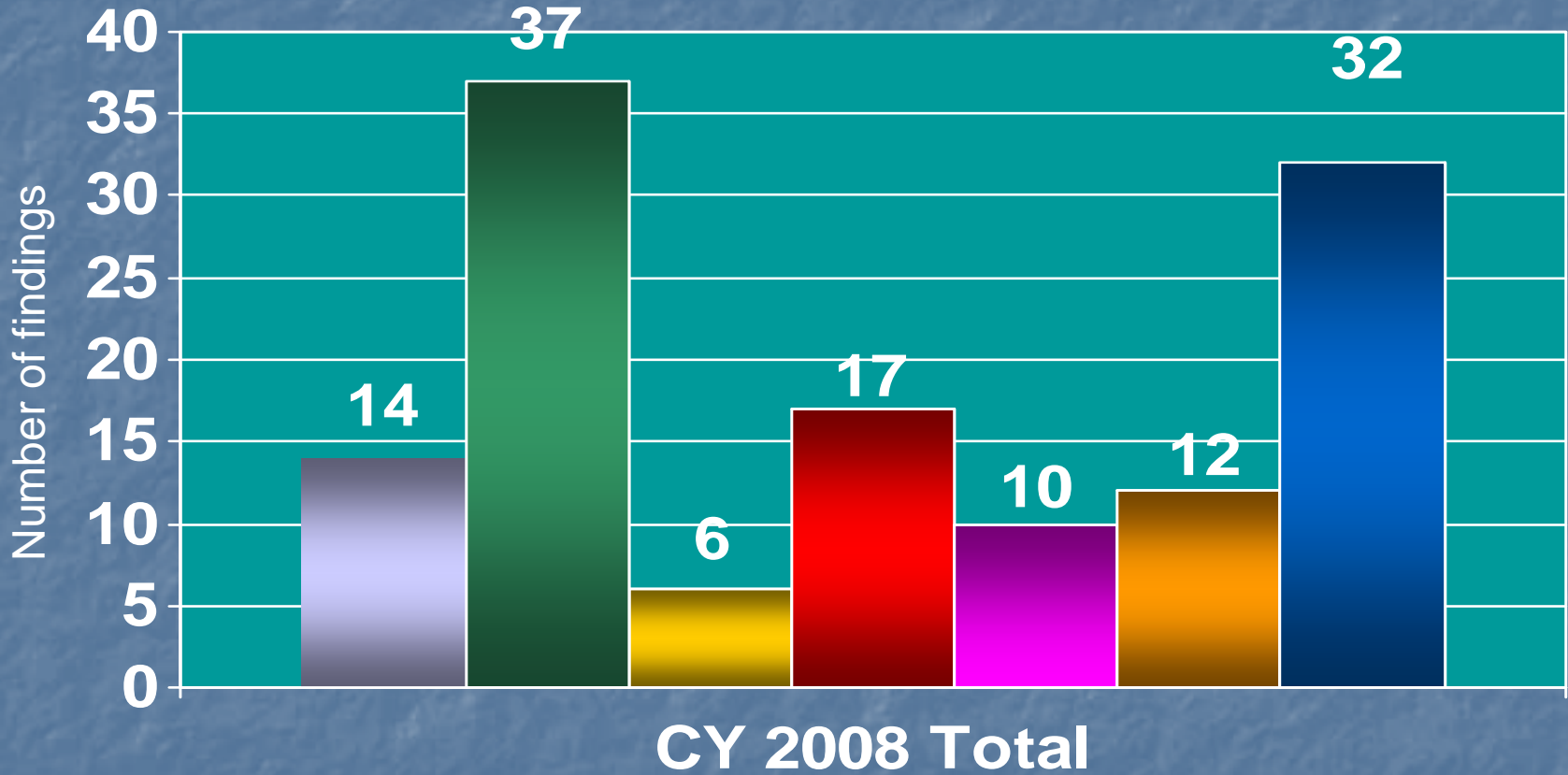
Construction Safety Findings by category:





# 2008

Construction Safety Findings by category:





# Summary

- Total Findings: 5
- Serious Findings: 3
- Less than serious Findings: 2
- Close Calls: 5
- Mishaps: 2
- Injuries: 1

# Mishap Warning - Action - Response

- On July 17, 2008, an excavation mishap at JPL Flight Project Center (Pasadena, CA) resulted in approx. **\$300,000.00** worth of damage to an existing communications duct bank.
- The mishap investigation revealed major worker safety issues as well.
- The following slides show pictures from the site, before and after the excavation collapsed.







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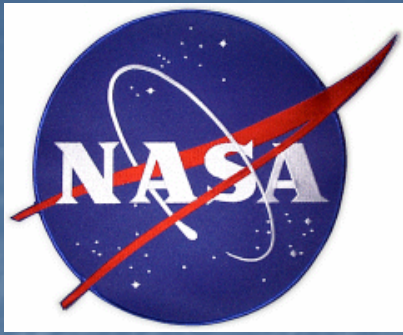
# Emergency Action Plans

- The following video demonstrates why calling 911 should not be your only plan of action...



# Emergency Action Plans





Unprepared = Unsafe

