

Mission Success Starts With Safety



Construction Safety

SSC Construction Inspection
Safety Findings/Stats

November 2015



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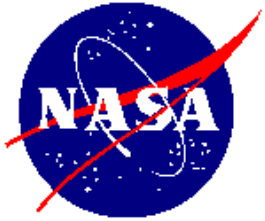
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Construction Safety Findings: 02-06 November 2015

Findings Total: 0

-Serious Findings: 0

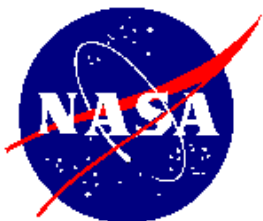
-Less than Serious Findings: 0

Mishaps / Close Calls: 1

-Mishap: 0

-Close Call: 1

A TOC Technician was closing the 96" gate valve to dewater the building 4400 header and the A-leg piping for planned work. The CLOSE button on the 96" gate valve control panel was pressed and the valve started closing as expected. When the valve appeared to be closed (no stem visible at top) the motor tone changed slightly and almost instantaneously there was a loud popping noise and bolts sheared from the valve stem. The valve had reached full closure and the limits did not stop the motor so the technician had had to press the stop button to stop the motor. Personnel was standing about 20 feet from the valve at the Electrical panel during the incident but sustained no injury.

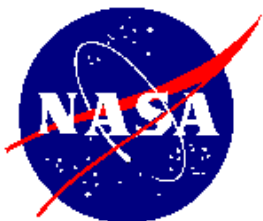


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Construction Safety Findings: 02-06 November 2015





Construction Safety Findings: 09-13 November 2015

Findings Total: 0

-Serious Findings: 0

-Less than Serious Findings: 0

Mishaps / Close Calls: 0

Other:

As a result of two close calls submitted on the malfunctioning fire alarm system at the B Test Stand, FOSC shops spent the week troubleshooting, repairing and testing the system. As of Friday, November 13, 2015, the fire alarm system appears to be functioning correctly, with audible sound levels adjusted as required.

**Construction Safety Findings:
19-23 October 2015**

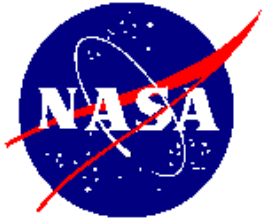
Findings Total: 0
 -Serious Findings: 0
 -Less than Serious Findings: 0

Mishap/Close Call: 1
 -Close Call: 1

1. Welding was being performed from scaffolding on an exterior angle brace at the southeast corner of the B Test Stand, just below level 16. Sparks flew past the fire blanket and through the fire retardant plastic, landing on plywood below, causing it to burn. Pieces of burning plywood fell to lower levels of the scaffold, causing other materials to burn as well. There were no direct injuries from the fire and damage was contained to contractor owned property. This case is still under investigation.

Other: 1

1. As a result of the fire on the exterior of the B Test Stand, two(2) close calls were submitted to the NASA Close Call Reporting System (CCRS) in reference to Inaudible and/or incorrect fire alarms/messages. FOSC Safety is leading these investigations. Additionally, one of the Firefighters received a minor injury.



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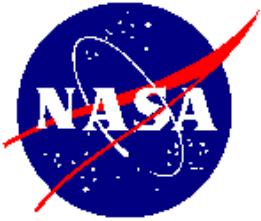
Construction Safety Findings: 16-30 November 2015

Findings Total: 0

-Serious Findings: 0

-Less than Serious Findings: 0

Mishaps / Close Calls: 0



Construction Safety

- Part Number: **1904**
- Part Title: Recording and Reporting Occupational Injuries and Illness
- Subpart: D
- Subpart Title: Other OSHA injury and Illness Recordkeeping Requirements
- Standard Number: 1904.32
- Title: Annual summary.

1904.32(a)

Basic requirement. At the end of each calendar year, you must:

1904.32(a)(1)

Review the OSHA 300 Log to verify that the entries are complete and accurate, and correct any deficiencies identified;

1904.32(a)(2)

Create an annual summary of injuries and illnesses recorded on the OSHA 300 Log;

1904.32(a)(3)

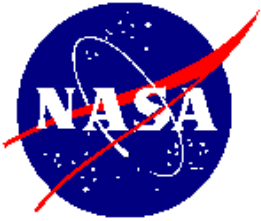
Certify the summary; and

1904.32(a)(4)

Post the annual summary.

Recordkeeping

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Construction Safety

| NASA / SSC CONTRACTOR Mishap Exposure Report MONTHLY | | | | | | | | | | |
|---|----------------------|--------------------|-----------------|---|--|--|-------------------------------------|--|---------------------------|------------------------|
| General Contractor | | | Contract Number | | | | Fiscal Year | | Month | |
| Contractor and all Sub-Contractors by Name | Average # of Workers | Total Hours Worked | Close Calls | Incidents that require a NASA Mishap Report (NF 1627) | | | | | | |
| | | | | # of Fatalities | Incidents with Property Damage or Minor Injury | # of Job Transfer or Restricted Duty Cases | # of Lost Time Injury/Illness Cases | # of OSHA Recordable Injury/Illness Cases* | Lost Time Incident Rate** | OSHA Incident Rate *** |
| | | | | | | | | | | |
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| | | | | | | | | | | |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | #DIV/0! | #DIV/0! |
| Name of Submitter | | Title | | | Date | | | Company | | |
| * Total # of OSHA Recordable Injuries / Illnesses for the Calendar Month excluding Lost Time Incidents. | | | | | | | | | | |
| ** Lost Time Incident Rate = $\frac{\text{Total \# of Lost Time Injuries} \times 16,667}{\text{Total Hours Worked}}$ | | | | | | | | | | |
| ***OSHA Incident Rate = $\frac{\text{Total \# of OSHA Recordables} + \text{Lost Time Injuries} \times 16,667}{\text{Total Hours Worked}}$ | | | | | | | | | | |

SSC-850 (11/2009) MS Excel

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Questions?

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More than anything, make sure your employees know how to properly use the tools they are provided...

Tools

Have a Safe month!