



Mission Success Starts With Safety



# Construction Safety

---

SSC Construction Inspection  
Safety Findings/Stats

June 2016



Mission Success Starts With Safety



# Contact Info:

NASA Safety

---

Mike Rewis

[mike.j.rewis@nasa.gov](mailto:mike.j.rewis@nasa.gov)

228-688-2663 phone

288-688-3701 fax

Jesse Lamonte

[jesse.m.lamonte@nasa.gov](mailto:jesse.m.lamonte@nasa.gov)

228-688-1422

228-688-2760 fax

Kathy Cooper

[kathy.a.cooper@nasa.gov](mailto:kathy.a.cooper@nasa.gov)

228-688-1747

228-688-3701 fax

<http://constructionsafety.ssc.nasa.gov/>



Mission Success Starts With Safety



# Contact Info:

BASTION/SACOM Safety

---

Donald Smith, CHST

[donald.g.smith-1@nasa.gov](mailto:donald.g.smith-1@nasa.gov)

228-688-1085

228-688-3701 fax

Mark Bridenbeck

[mark.bridenbeck@nasa.gov](mailto:mark.bridenbeck@nasa.gov)

228-688-1732

228-688-3701 fax

John Lindsay, CSP

[john.d.lindsay@nasa.gov](mailto:john.d.lindsay@nasa.gov)

228-688-2557 phone

288-688-3503 fax

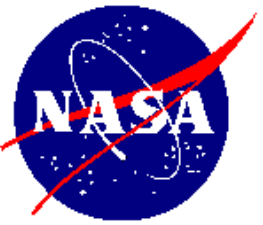
Robert Necaise

[robert.j.necaise@nasa.gov](mailto:robert.j.necaise@nasa.gov)

228-688-2049 phone

288-688-3503 fax

<http://constructionsafety.ssc.nasa.gov/>



# Construction Safety Findings: 30 May – 3 June 2016

---

## Findings Total: 0

Serious: 0

Other than Serious: 2

- WP#3: A worker was using a grinder w/o hearing protection.
- WP#3: Two extension cords were found passing through a doorway without pinch point protection.

## Mishaps / Close Calls: 1

1. Highway 607 Standardization: Close Call (NMIS) 16-100754: on June 2, at about 10:30 AM, a construction contractor in the process of installing road signs on Trent Lott Parkway struck a buried water line near the south gate guard shack.



Mission Success Starts With Safety



# Construction Safety Findings: 30 May – 3 June 2016

---





# Construction Safety Findings: 6 – 10 June 2016

## Findings Total: 1

Serious: 1

Other than Serious: 0

- WP#3: The contractor neglected to perform the required load test of the crane following relacing of the boom.

## Mishaps / Close Calls: 0

## Other:

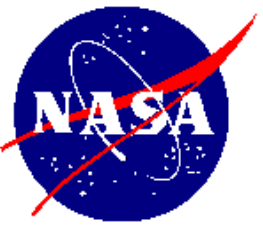
A SOC subcontractor was installing power poles at the corner of Road P and Road 5. The man basket/bucket truck was leaning and the outriggers/mud plates sunk in the mud, and was slipping off the mud plates. S3 construction management halted the operation and immediately and corrected the situation.





# Construction Safety Findings: 6 – 10 June 2016





# Construction Safety Findings: 6 – 10 June 2016







# Construction Safety Findings: 6 – 10 June 2016

## SWI 8834-0001, Lifting Devices and Equipment Management Instructions

**“When the adjustment, repair, disassembly, or replacement of a load bearing part, load controlling part, or operational safety device requires a load test for verification of satisfactory work performed, recertification is required. If load components or safety are not compromised, recertification is not required. If the certifying official and test personnel cannot reach agreement whether components have been compromised, the SSC LDE Manager or designee shall have final determination.”**

## OSHA 29CFR1910.179(b)(3)

**“Modifications. Cranes may be modified and rerated provided such modifications and the supporting structure are checked thoroughly for the new rated load by a qualified engineer or the equipment manufacturer. The crane shall be tested in accordance with paragraph (k) (2) of this section. New rated load shall be displayed in accordance with subparagraph (5) of this paragraph.”**

## OSHA 29CFR1910.179(k)(2)

**“Rated load test. Test loads shall not be more than 125 percent of the rated load unless otherwise recommended by the manufacturer. The test reports shall be placed on file where readily available to appointed personnel.”**



# Construction Safety Findings: 13 – 17 June 2016

## Findings Total: 1

Serious: 0

Other than Serious: 1

- Highway 607 Standardization: Crews were observed working outside during a lightning warning. SCWI-8715-0001/Lightning Warning System, Paragraph 5.3

## Mishaps/Close Calls: 0

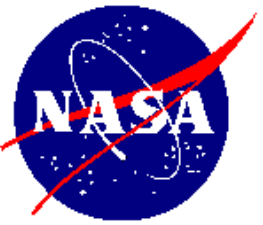
## Other:

- Greening of Building 1100: Tile setter at the 1100 front entrance was hot, so the contractor brought in a portable AC unit to address the issue.



# Positive Safety Findings: 13 – 17 June 2016





# Construction Safety Findings: 20 – 24 June 2016

## Findings Total: 1

Serious: 0

Other than Serious: 1

•B-2 WP 3: Two employees using their individual tags on a single lock. One lock and tag per person is required. 29CFR1910.147(f)(3)(ii)D

## Mishaps/Close Calls: 1

### Mishap:1

•Cathodic Protection System Upgrades: The worker's left middle finger was pinched and cut between concrete and rectifier. They were taken off site for medical attention. Medical treatment involved the use of sutures to close the wound making this an OSHA Recordable.





# Positive Safety Findings: 20 – 24 June 2016





# Construction Safety Findings: 27 June – 1 July 2016

---

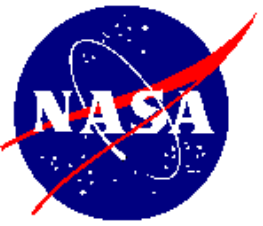
## Findings Total: 2

Serious: 0

Other than Serious: 2

- B2 WP3: B2 Level 11 South, Contractor was using a product that is not SSC approved. (Dichloromethane). SCWI - 8715-0008 Sec 9.0 paragraph 9.12 (1)
- A-TCC HVAC Refurb: Inspector observed an employee in an elevated area well over 10 feet not wearing fall protection. 29CFR1926.501 (b) (1)

## Mishaps/Close Calls: 0



Mission Success Starts With Safety



# Construction Safety Findings: 27 June – 1 July 2016

---







Mission Success Starts With Safety



# Construction Safety

---

Questions?

<http://constructionsafety.ssc.nasa.gov/>





## Construction Safety

---

Along with protecting your hands, don't forget to continue a "Heat and Hydration" program!

# Have a Safe month!