

Mission Success Starts With Safety

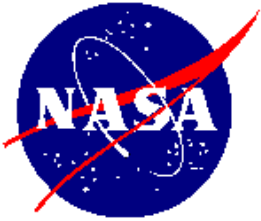


# Construction Safety

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SSC Construction Inspection  
Safety Findings/Stats

March 2012



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NASA/BASTION/FOSC

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# Construction Safety Findings: 27 February-02March 2012

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## Findings Total: 0

-Serious Findings: 0

-Less than Serious Findings: 0

## Mishaps / Close Calls: 0

## -Other:

1. General: Map Pro, Propylene and MAPP Gas Cylinders Recall.

Hazard: The seal on the cylinders can leak after torches or other fuel consuming equipment are disconnected from them, posing a fire hazard.

<https://ssccampus.ssc.nasa.gov/ssa/alerts.asp>



# Construction Safety Findings: 05-09 March 2012

## Findings Total: 2

**-Serious Findings: 0**

**-Less than Serious Findings: 2**

1. Several issues were noted with the scaffolding to include incomplete decking, handrails and access.  
Corrective action: A-3 safety team met with prime contractor safety POCs and the scaffold contractor to discuss requirements and plans to fully comply with scaffold standards. Additional corrective measures include:
  - Planned walk-down of all scaffolding
  - Inventory of scaffolds with pictures
  - Scaffold contractor to hire a safety monitor
2. With the increased demand for scaffold erection/disassembly, the A-3 scaffold contractor has hired temporary employees to pass/stage scaffold equipment. Several temporary employees were noted wearing fall protection incorrectly.  
Corrective action: NASA requested the prime contractors provide a plan to ensure proper supervision/oversight, training and demonstrated proficiency in their assigned tasks.

## Mishaps / Close Calls: 0

**-Other:**

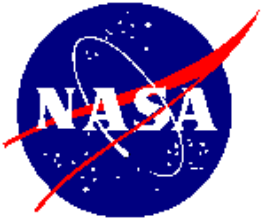
1. On March 5, 2012, SSC Firefighters responded to a fire in the area of Building 2418. Navy personnel were welding on the top of a Conex Box to repair small holes, when the contents of the box (new vehicle tires) caught fire. Two Firefighters received minor burn injuries while attempting to extinguish the fire.



**Firefighters fighting the CONEX fire**



**View of CONEX post fire**



# Construction Safety Findings: 12-16 March 2012

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## Findings Total: 0

-Serious Findings: 0

-Less than Serious Findings: 0

## Mishaps / Close Calls: 2

-Mishap: 0

-Close Calls: 2

1. A scaffold worker on level 7 dropped his 3" pocket knife used to remove a section of "construction mesh". The open knife fell through the grating to level 6. ACTIONS: Work was stopped for a safety stand down. The prime directed the use of scissors for any future cuts to the mesh. Scissors will be tethered and/or held in a tool pouch. Alternate tools include dykes or utility knives, both which may be tethered. The worker was sent home for two days without pay. The incident was shared with all contractor work crews. The incident was entered into IRIS.
2. An open pocket knife fell from an undisclosed location to directly in front of the test stand near the main entrance. The incident was entered into IRIS.







# Construction Safety Findings: 19-23 March 2012

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## Findings Total: 1

### -Serious Findings: 1

1. An employee was observed standing on the mid-rail of a guard rail system while attempting to work, being exposed to a ten to twelve foot fall, without using additional means of fall protection.

### -Less than Serious Findings: 0

## Mishaps / Close Calls: 0

### -Mishap: 0

### -Close Calls: 0

## Other:

1. 9000 Area: Due to the recent weather conditions, it was discovered that some of the construction workers did not have access to a safe location to take cover, in the event of a tornado. Through a coordinated effort, building 9112 was designated as a safe, readily accessible location to take shelter.
2. [http://www.falltech.com/pdf/harness\\_inspection.pdf](http://www.falltech.com/pdf/harness_inspection.pdf)



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# Construction Safety Findings: 26-30 March 2012

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## Findings Total: 1

-Serious Findings: 0

-Less than Serious Findings: 1

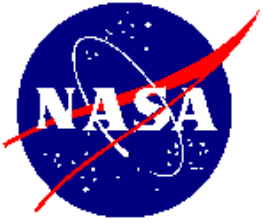
1. Contractor employees elevated the front of a dump truck to perform maintenance, by placing the front wheels on two 12" tall sections of pipe, measuring 16" in diameter.

## Mishaps / Close Calls: 1

-Mishap: 0

-Close Calls: 1

1. An unsafe condition was noted whereby insufficient lighting existed in the South parking lot in front of Bldg 9101. A construction contractor involved in the replacement of lighting in the lot had disabled the circuits powering the lights, causing the poor lighting. Government and contractor personnel resident to the building arriving early in the day noted the discrepant condition.



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# Construction Safety Findings: 26-30 March 2012





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Questions?

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Have a SAFE month!

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