



Mission Success Starts With Safety



Construction Safety

SSC Construction Inspection
Safety Findings/Stats

June 2015



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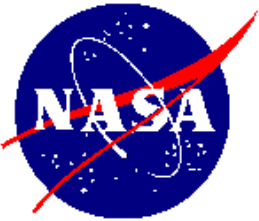
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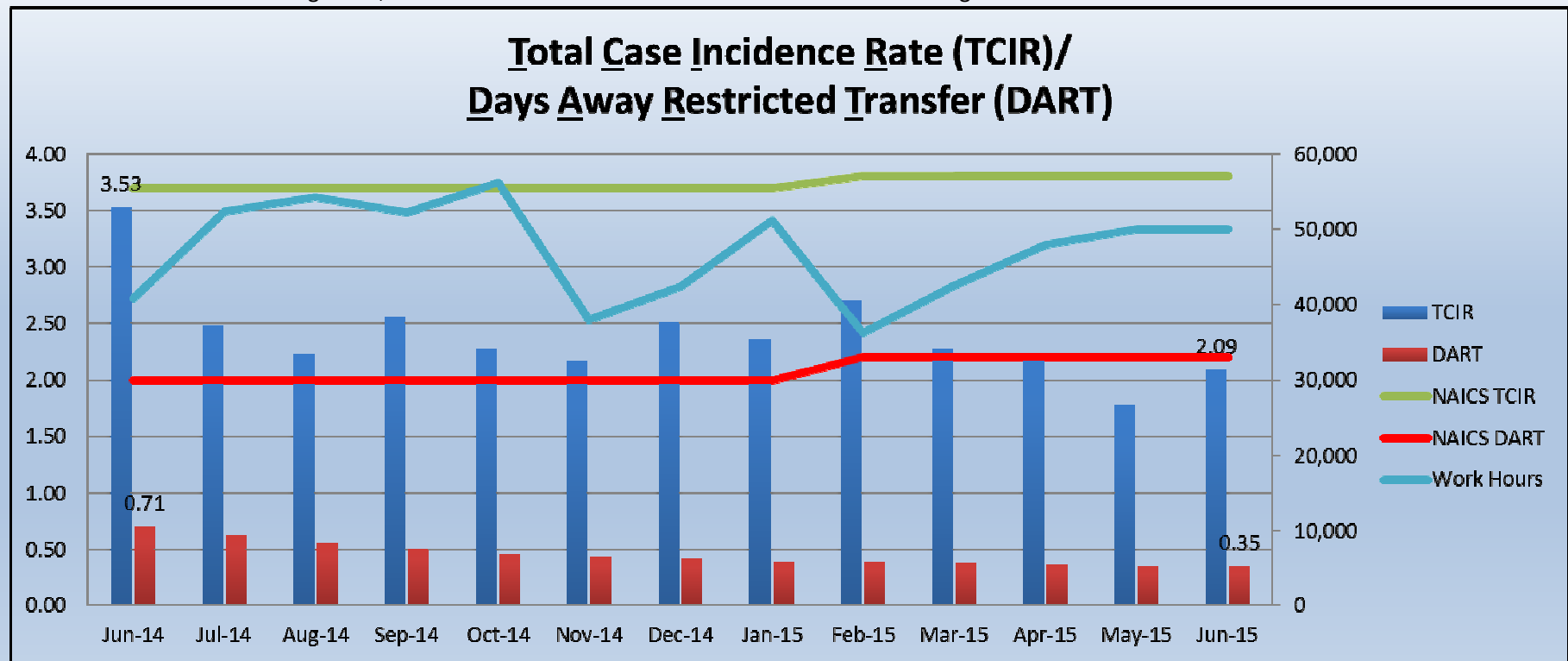
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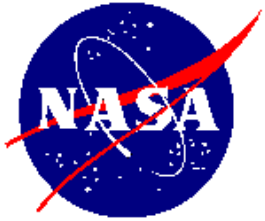


SSC Construction Metrics

- For the month of June the following occurred in NASA Direct Construction:
 - There was **1 type C** (Restricted Duty) case wherein a worker lacerated and fractured their left index finger while adjusting an air compressor, when the regulator failed. There were **2 type D** injuries: a worker in the process of tightening nut/bolt combinations on the B T/S, placed their hand between the pneumatic tool and an I-beam and fractured their right thumb; and, a foreign body fell into a worker's left eye while they were in the act of grinding. **Two first aids** also occurred during the period: a worker mounting a scaffold and fell upon the scaffold cross-member injuring their ribs as the ladder gave way; and, a worker prepping pipe caught their glove in a hand-held grinder, and the wire wheel abraded the skin on their left index finger.



2013 NAICS Industry Code (Construction) TCIR = 3.8
2013 NAICS Industry Code (Construction) DART = 2.2



Construction Safety Findings: 01-05 June 2015

Findings Total: 0

Mishaps / Close Calls: 1

-Close Call: 1

1. A worker fell about 2 feet onto a scaffold support bracing bar when a scaffold ladder they were descending loosened from the attachment point. The worker sustained minor injuries to the ribs. (Close Call)

Other:

1. On June 5, 2015, NASA SMA and the SSC Fire Department performed a fire drill on the B Test Stand. All construction contractor personnel took appropriate actions.



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Construction Safety Findings: 06-12 June 2015

Findings Total: 1

-Serious Findings: 0

-Less than Serious Findings: 1

1. Electrical junction box missing the required cover and wires not secured, 29CFR1926.405 (b)(2). Corrected on-the-spot.

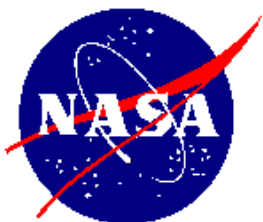
Mishaps / Close Calls: 2

-Mishap: 2

1. A worker was operating a grinder inside a 66" HPIW pipe at the B Test Stand when a metal shaving blew into the left eye. The worker was transported to an off-site clinic where the item was removed from the eye and a medication was prescribed, making this an OSHA Recordable incident or NASA Type D Mishap. The worker returned to work the following day with no restrictions.
2. A worker was operating a pneumatic torque wrench by hand. The wrench turned, causing the worker's middle finger on the right hand to come in contact with the nearby structural steel, breaking a bone in the finger. The worker was transported to a clinic, provided first aid treatments and prescription medication, making this an OSHA Recordable incident or NASA Type D Mishap.

Other:

1. On June 6, 2015, B-2 Test Stand Contractor, Harry Pepper and Associates voluntarily performed an unannounced "High Angle" rescue drill on the B Test Stand. Workers were able to successfully rescue a fall victim from atop the MPTA and return to the ground within eleven (11) minutes.

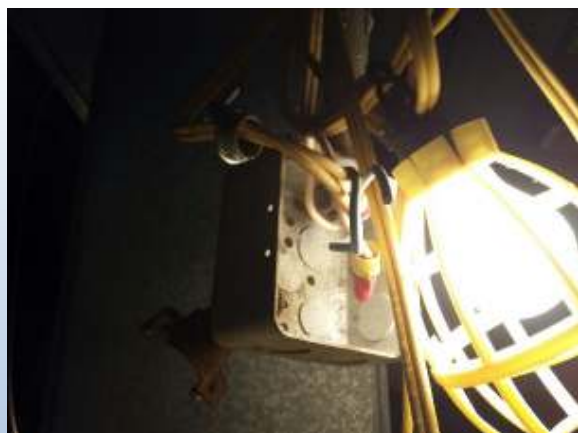


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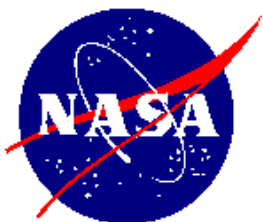
Construction Safety Findings: 06-12 June 2015

BEFORE



AFTER



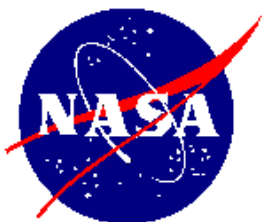


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Construction Safety Findings: 06-12 June 2015





Construction Safety Findings: 15-19 June 2015

Findings Total: 0

-Serious Findings: 0

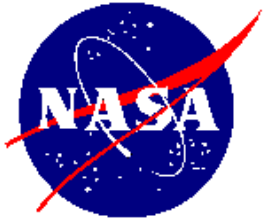
-Less than Serious Findings: 0

Mishaps / Close Calls: 1

-Close Call: 1

1. A worker was operating a grinder with a wire brush attachment, when the glove on the left hand became entangled in the moving wheel. The wheel cut through the glove, contacting the skin near the knuckle of the left index finger. (First Aid)





Construction Safety Findings: 22-26 June 2015

Findings Total: 0

-Serious Findings: 0

-Less than Serious Findings: 0

Mishaps / Close Calls: 1

-Mishap: 1

1. On June 23, 2015, workers noticed the pressure regulator on an air compressor on the job site was failing to regulate pressure down to the needed 90 PSI. They replaced it with a new pressure regulator. On June 24, 2015 at approximately 0900, a worker turned on the compressor and the regulator almost immediately exploded, with parts contacting the worker's left index and middle fingers. The incident caused a deep laceration and fractured bones to the worker's left index finger. The worker received first aid on-site and was transported to the SSC Clinic. The worker was then transported to Ochsner Medical Center-Northshore in Slidell. The worker received stitches and two perscription medications, along with a confirmation of broken bones, making this an OSHA Recordable or NASA Type D Mishap.



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Construction Safety Findings: 22-26 June 2015





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Questions?

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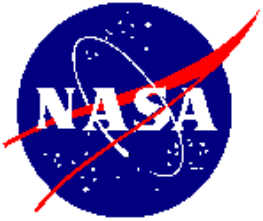
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This is what we are trying to avoid!

Rocket Fuel

So, follow our Rules!

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Please, do not become a
YouTube video this July 4th

[Home Made Fireworks](#)

Have a Safe month!