

SSC Construction Inspection Safety findings

May, 2010

Prepared/presented by:
Mark Bridenbeck, Safety Inspector
Bastion Technologies

Contact Info:

Mike Rewis

mike.j.rewis@nasa.gov

228-688-2663 phone

288-688-3701 fax

Daryl Kosturock

daryl.kosturock-1@nasa.gov

228-688-3641 phone

228-688-3701 fax

Mark Bridenbeck

mark.a.bridenbeck@nasa.gov

228-688-2555 phone

228-688-3701 fax

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

Construction Safety Findings: 30 April-06 May 2010

- **Findings Total: 1**

- **Serious Findings: 0**

- **Less than Serious Findings: 1**

- **Scaffold: 1**

- A working platform/scaffold was not being erected per manufacturer requirements. (SSC SCWI 8715.0008 9.28a)

- **Mishaps / Close Calls: 0**

- **Other: 1**

- **Training: 1**

- Safety has noticed an upward trend of muscle related injuries at a large construction site at SSC. As a result, site management is working with the SSC Wellness Center to provide training on proper lifting techniques and pre-work warm-ups. Training is scheduled to start the week of May 10, 2010.

Construction Safety Findings: 07-13 May 2010

- **Findings Total: 0**
 - **Serious Findings: 0**
 - **Less than Serious Findings: 0**
- **Mishaps / Close Calls: 0**

Construction Safety Findings: 14-20 May 2010

- **Findings Total: 0**

- **Serious Findings: 0**

- **Less than Serious Findings: 0**

- **Mishaps / Close Calls: 2**

- **Close Calls: 2**

- A concerned employee noticed that the SSC Security guards were being exposed to extremely loud noise while checking ID's at the south gate. The noise was coming from a large jack-hammer and the guards were not wearing hearing protection.
- A worker was walking up a wet ramp and slipped. The worker reached out during the fall and landed on the right arm, straining the right shoulder.

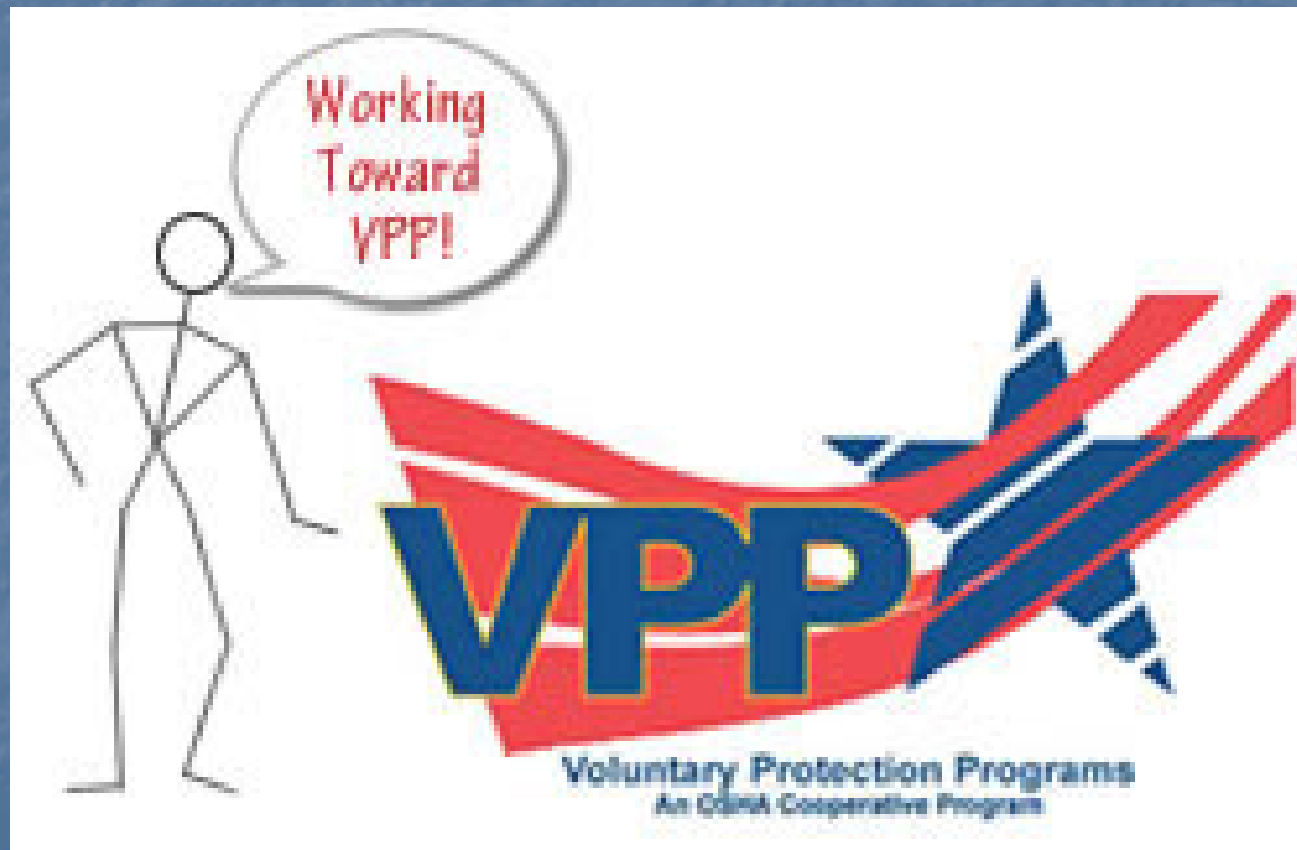
Construction Safety Findings: 21-27 May 2010

- **Findings Total: 0**
 - **Serious Findings: 0**
 - **Less than Serious Findings: 0**
- **Mishaps / Close Calls: 0**

Summary

- **Total Findings: 1**
- **Serious Findings: 0**
- **Less than serious Findings: 1**
- **Close Calls: 1**
- **Mishaps: 1**
- **Injuries: 1**

Remember anything about VPP?



Management Commitment and Employee Involvement

- ***Section I: Management Leadership & Employee Involvement***

- A. Written Safety & Health Management System

A1. *Are all the elements (such as Management Leadership and Employee Involvement, Worksite Analysis, Hazard Prevention and Control, and Safety and Health Training) and sub-elements of a basic safety and health management system part of a signed, written document? (For Federal Agencies, include 29 CFR 1960.) If not, please explain. **SPD 8715.4 Safety and Health Policy, Section 1.0c. SPR 8715.1 Safety and Health Requirements (mirrors VPP documentation, see link on previous slide).***

- A2. *Have all VPP elements and sub-elements been in place at least 1 year? If not, please identify those elements that have not been in place for at least 1 year. **The elements of VPP have been in place in one form or another for more than one year.***

- A3. *Is the written safety and health management system at least minimally effective to address the scope and complexity of the hazards at the site? (Smaller, less complex sites require a less complex system.) If not, please explain. **MR. MR stands for Major Requirement. Familiarize yourself with SPR 8715.1 Section 3.1 (how to minimize hazards in your area), and all of Section 4. Safety Handbook has all the local SCWIs as well. SSP 8715.0001, "John C. Stennis Space Center Safety and Health Handbook"***

Management Commitment and Employee Involvement

- B. Management Commitment & Leadership
- B1. *Does management overall demonstrate at least minimally effective, visible leadership with respect to the safety and health program. Provide examples. **MR. Major Requirement. All-hands, safety stand-downs, establishing safety team (STARS), Safety Management Review (SMR), Safety minute, VPP MOVERS team, requiring VPP at this site.***
- B2. *How has the site communicated established policies and results-oriented goals and objectives for employee safety to employees? **Safety Management Review (SMR), 8715 documents review cycle (when documents are reviewed, changes are communicated to all organizations), monthly safety meetings.***
- B3. *Do employees understand the goals and objectives for the safety and health program? **SPR 8715.1 Section 2.6***
- B4. *How does the site measure its progress towards the safety and health program goals and objectives? Provide examples. **SPR 8715.1 Section 2.8***

SSC 2010 Safety and Health Goals

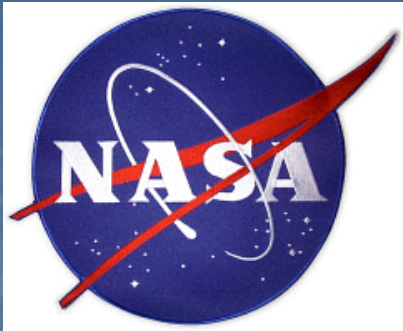
1. Submit NASA SSC VPP application by March 31, 2010.
2. NASA SSC, FOSC, and NTOG achievement of VPP OSHA Star.
3. Implement the new Construction Safety and Health orientation process through the GNOIEC.
4. Standardize the NASA SSC Trend Analysis process for NASA SSC and its On-Site Prime Contractors.
5. Reduce the creation of Fire Protection inspection findings by greater than 25% over 2009.

Safety

It is getting hot! The following video demonstrates how to get overheated real fast here at SSC!

Safety





\\ //

