

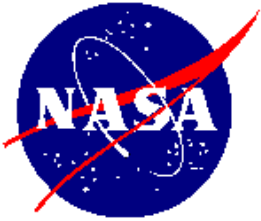
Mission Success Starts With Safety



Construction Safety

SSC Construction Inspection
Safety Findings/Stats

May 2012



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Construction Safety Findings: 30 April-04 May 2012

Findings Total: 1

-Serious Findings: 0

-Less than Serious Findings: 1

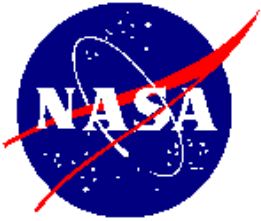
1. A worker's personal fall arrest gear was improperly anchored around two overhead sections of unistrut that were secured with all-thread. Worker was on properly built scaffold however, contractor policy is 100% tie off while on scaffolding. No fall potential in this incident, but corrected/educated worker on proper tie off points.

Mishaps / Close Calls: 1

-Mishap: 0

-Close Calls: 1

1. FOSC PM team and safety were performing a Job Safety Analysis on the A-3 elevator maintenance. A worker's arm/body was outside the cage demonstrating a maintenance action when one team member inadvertently knocked the operation switch from "maintenance" to "normal". The worker was able to pull his arm/body into the cage without harm. This case is under investigation for corrective actions.



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Construction Safety Findings: 07-11 May 2012

Findings Total: 1

-Serious Findings: 0

-Less than Serious Findings: 1

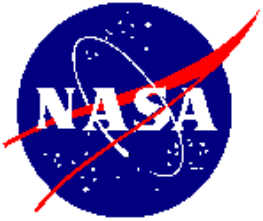
1. Housekeeping/aisles on working levels 8.9 and 10 of the test stand. Employees were working in areas cluttered with debris and extension cords in the walkways, creating trip hazards.

Mishaps / Close Calls: 1

-Mishap: 1

1. An electrician apprentice was working on level ten (10) of the test stand, stripping wires with a pocket knife. In doing so, the knife slipped, cutting through the gloved left hand. The employee received a laceration to the left thumb. Employee went to an off-site clinic and received three (3) sutures. Employee returned to work with no restrictions.

-Close Calls: 0



Construction Safety Findings: 14-18 May 2012

Findings Total: 0

-Serious Findings: 0

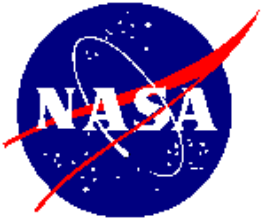
-Less than Serious Findings: 0

Mishaps / Close Calls: 1

-Mishap: 0

-Close Calls: 1

1. A worker was using a pneumatic impact wrench, installing nuts on the steam plenum for unit two of the Chemical Steam Generator, when the threaded hose connection broke free causing an unrestricted flow of compressed air. The $\frac{3}{4}$ " hose, under 120-150 psi failed around uncontrollably. The worker immediately stepped on the hose, preventing injury or damage to equipment while another turned off the compressor.



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Construction Safety Findings: 21-25 May 2012

Findings Total: 0

-Serious Findings: 0

-Less than Serious Findings: 0

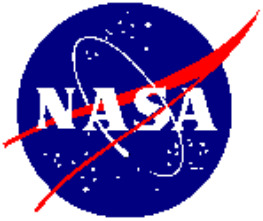
Mishaps / Close Calls: 0

-Mishap: 0

-Close Calls: 0

-Other

1. A HVAC worker was installing ductwork above the ceiling tiles, from atop an A-frame ladder and lost balance. In an effort to regain balance, the worker's right arm brushed against an exposed duct vent, resulting in a laceration to the forearm. The worker was ultimately transported to Hancock Medical Center and received sixteen sutures, making this an OSHA Recordable. This project is a FOSC contract with the Navy but, NASA SMA assisted with the investigation.



Construction Safety Findings: 28 May-01 June 2012

Findings Total: 0

-Serious Findings: 0

-Less than Serious Findings: 0

Mishaps / Close Calls: 1

-Mishap: 0

-Close Calls: 1

1. A FOSC sub-contractor was staging a truck for an electrical outage scheduled for the weekend. The driver stopped the truck to pull forward and the vehicle stalled. Upon stalling, the vehicle rocked back into and broke a guy wire to a pole for an overhead electrical service. This resulted in the line shorting out, causing the main breaker at the substation to operate, as it should. A temporary loss of power occurred to the 3200 area, Administrative area and A-2 Test Stand. Power was restored by the FOSC high voltage crew within approximately 30 minutes. The broken guy wire was replaced by the contractor during the scheduled outage.



National Safety Month

Each June, the National Safety Council sponsors National Safety Month as an opportunity to raise awareness of the principal safety and health risks facing today's workers and to reduce the number of preventable injuries and fatalities.

"Safety 24/7," this year's theme, focuses on both work-related factors and factors outside the workplace that influence our employees' total health and safety. Each week in June is dedicated to a specific topic that deals with safeguarding the health and safety of our employees not only at work, but also in their homes and communities, and on the roads. Most importantly, these topics—employee wellness, ergonomics, fall prevention, and safe driving—help organizations to identify a wider range of factors that influence behaviors around the leading causes of preventable injuries and deaths. This year's campaign underscores the idea that our workers' safety and well-being extends to every aspect of their lives, and not just to those aspects in the work environment.

Safety is a NASA core value. It forms the foundation for how we go about our work achieving the agency's exploration, science, and aeronautics goals. Safety best practices are those practices we use every day in everything we do—24/7. Our safety and mission assurance initiatives ensure that these best practices for health and safety are adopted consistently throughout the agency. This summer we encourage our workers to share with their families the safe practices learned at work and adapt them to lifestyles and home activities.

The NASA Safety Center is a resource available to all of us here. The center produces safety campaigns based on current mishap trends and leading indicators such as slips, trips, and falls, collectively a leading causal factor of injury throughout the agency's workforce. The website at <http://nsc.nasa.gov> contains articles, case studies, and videos on mishap prevention and risk management to help us work safer. Watch the website for July's campaign on transportation and motor vehicle safety.

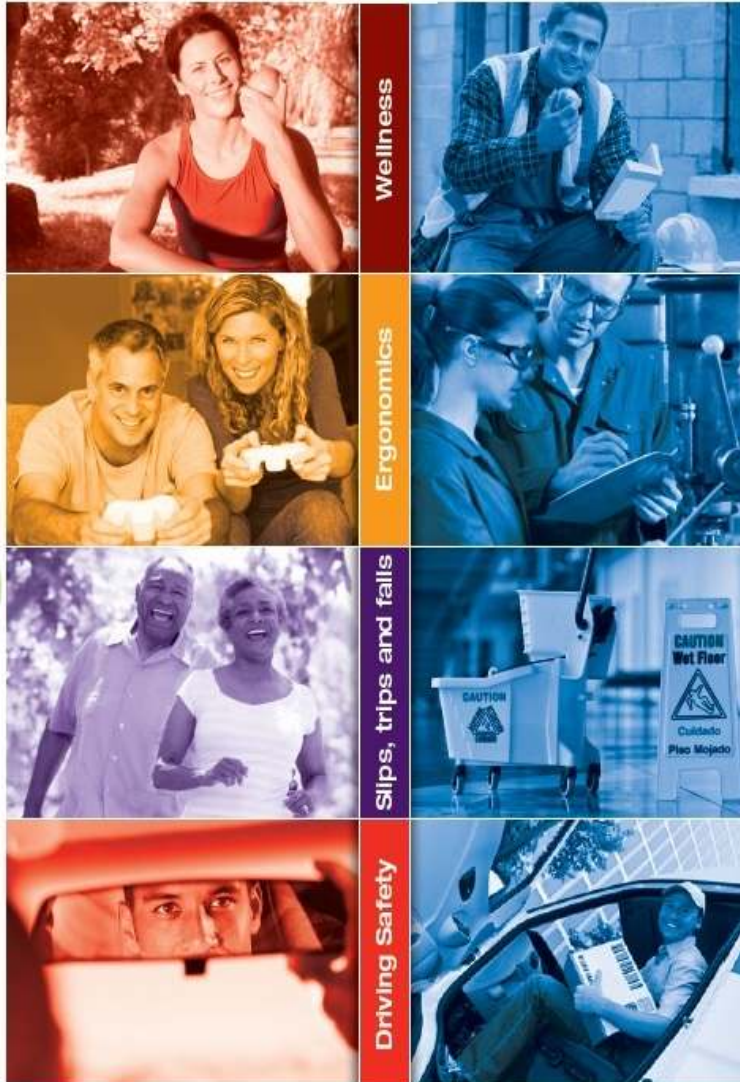
This June, organizations nationwide will celebrate safety. We encourage the members of the NASA family to take part in the celebration and to share the value of safety—saving lives and preventing injuries—with their own loved ones at home.

Think Safety!

Charlie B.



NATIONAL
SAFETY
MONTH
2012



Wellness

Ergonomics

Slips, trips and falls

Driving Safety

Did you know?

If you are overweight, losing just 5-7% of body weight, that's 10-15 lbs in a 200 lb person, can reduce your risk of diabetes. (National Institutes of Health)

Low sodium diets have blood pressure lowering benefits. It is recommended to consume less than 1 teaspoon of table salt a day. (National Heart Lung and Blood Institute)

Physical activity not only helps control your blood pressure, it also helps you manage your weight, strengthen your heart and manage your stress level.

Employee Wellness

Small changes can make a big difference to your health and wellness. If people made the choices to eat better, engage in more physical activity, reduce the harmful use of alcohol and quit smoking, at least 80% of all heart disease, stroke and type 2 diabetes – and over a third of cancers – could be prevented, according to the World Health Organization. Poor eating habits and lack of physical activity are the major contributing factors to being overweight and obese in the U.S.

Make healthy eating choices

Healthy eating can reduce the risk of chronic illness and disease, including the three leading causes of death: heart disease, cancer and stroke.

Healthy eating tips include:

- Make half your plate fruits and vegetables
- Make half the grains you eat whole grains – such as oatmeal, whole wheat bread and brown rice
- Choose fat-free or low-fat milk, yogurt or cheese
- Drink water instead of sugary drinks
- Choose lean sources of protein – such as seafood, turkey and chicken breast, eggs and beans
- Choose foods with less sodium – look for "low sodium" and "no salt added" on food packages
- Eat some seafood each week – such as salmon, tuna or crab
- Pay attention to portion size – when eating out, avoid "supersizing" your meal or take some home for later

Stay active

For substantial health benefits, adults are encouraged to engage in 30 minutes of moderate exercise*, five days a week. This can be done through activities such as:

- Taking a brisk walk at lunch
- Going for a bike ride after work
- Working in the yard
- Cleaning the house
- Joining a sports league
- Going to the gym
- Swimming laps at the pool

*Moderate activity is safe for most people. If you have a chronic health condition such as heart disease, arthritis, diabetes or other symptoms, talk with your doctor about the types and amounts of physical activity right for you.

NATIONAL
SAFETY
MONTH
2012

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NSC.ORG



Safety 24/7



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The following video demonstrates the need for ladder safety at work and home.

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



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Construction Safety

Ladder Safety / Home vs. Work



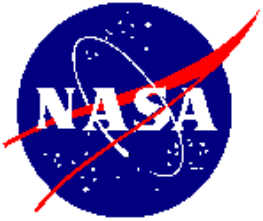
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Questions?

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



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Have a SAFE month!

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