

Mission Success Starts With Safety



Construction Safety

SSC Construction Inspection
Safety Findings/Stats

April 2016



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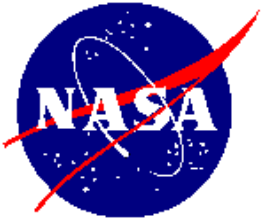
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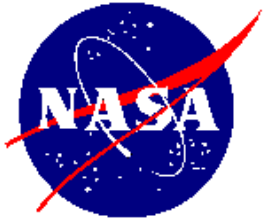
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Construction Safety Findings: 04-08 April 2016

Findings Total: 1

Serious Findings: 0

Less than Serious Findings: 1

1. Inspector observed two employees riding on top of bagged material in the back of a moving pick-up truck. 29CFR1926.601(8), Motor Vehicles. The employees received corrective counseling for not being in a seat with seat belt.

Mishaps / Close Calls: 0

Informational

1. Highway 607 Standardization project: Steps to control traffic conditions/speed have been taken. Please slow down and pay attention while driving through these temporary construction zones.

Construction Safety Information: April 2016

One lane traffic flow diversion.



Area speed limit is 35 MPH.



Construction Safety Findings: 11-15 April 2016

Findings Total: 2

Serious Findings: 0

Less than Serious Findings: 2

1. Employee observed in an area requiring personal fall arrest gear but, was incorrectly anchored to a building stairwell top handrail, 29CFR1926.502 (d)(15).
2. Employee observed in an active construction area several times without the minimum required eye protection (no side shields on prescription glasses), 29CFR1926.102(a)(3).

Mishaps / Close Calls: 1

Close Call (CCRS): 1

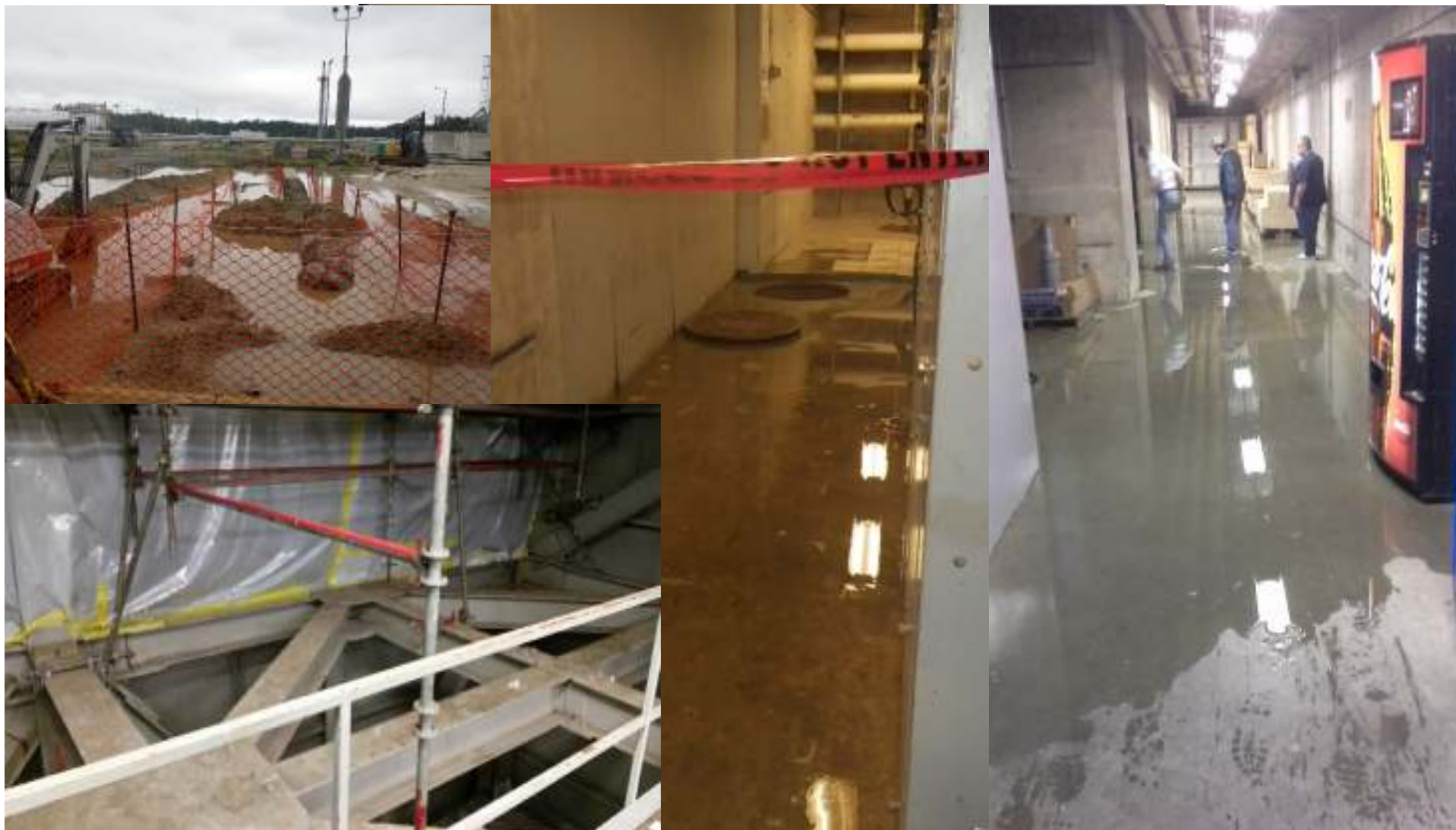
1. Close Call 16-025, Description: Rain water pouring in the contractor electrical parts room located in the west basement of B1, through electrical conduit. This is a reoccurring event when it rains heavy. AR and SACOM attempted to stabilize the area/water until the work order is complete. Work Order #80842 has been issued to correct this situation. An additional request has been made to clean out some of the ditches and culverts at ground level to help water drain better, Work Order #52601. Some of the water may be entering through broken electrical conduit within the Tarmac project (NNS15AA47T). An outage to repair the broken electrical conduit is tentatively scheduled for the weekend of April 30, 2016.

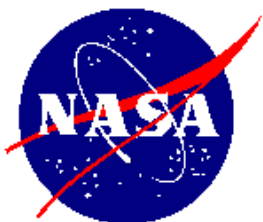


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Construction Safety Findings: 11-15 April 2016





Construction Safety Findings: 18-22 April 2016

Findings Total: 0

Serious Findings: 0

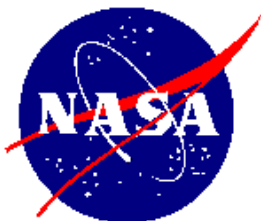
Less than Serious Findings: 0

Mishaps / Close Calls: 1

Mishap (Type D): 1

1. On April 20, 2016, A subcontracted employee received chemical burns to the palms of both hands after handling a chemical without the appropriate hand protection. The employee (painter) was applying OSPHO liquid rust inhibitor with a rag. The product came in contact with the employee's hands, causing the burns. The employee reported the incident to a supervisor and eventually to the general contractor's safety officer. The general contractor's safety officer performed first aid and recommended the employee go to the clinic. The subcontractor supervisor took the employee to an off-site clinic, where the employee was diagnosed with second degree burns. Two medications were prescribed, making this an OSHA Recordable / NASA Type D Mishap. General contractor is performing the mishap investigation.





Construction Safety Findings: Back-up

OSPHO METAL TREATMENT SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

1.1 Product identifier:
Product form: SOLUTION/NOT USE
Trade name: OSPHO
Chemical name: Orthophosphoric acid
CAS #: 7664-38-2
Product code: N/A
Formula: H3PO4
Synonyms: VIKONUM/SPHUM/ALU
NACHTHALTUNG: 31-77-00000-0000

1.2 Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture:
Solid surface treatment material

1.3. Details of the supplier of the safety data sheet

The DuPont Company
3330 Parkside Avenue
Chambers, Ohio 43001
E.O. Popper, President, Fisher
Fisher, Inc. 3115

1.4. Emergency telephone number

In case of emergency CHEMTRAC: 1-800-424-9300

Emergency phone number in the event of a CHEMTRAC emergency: 1-800-424-9300. Full list in the continental U.S., Hawaii, Puerto Rico, Canada, Mexico, and U.S. Virgin Islands. For calls originating elsewhere use 781-327-3347 (outside calls accepted) (National Poison center number: 1-800-325-1500)
For other countries, see section 1.5.4.

SECTION 2 - Hazards identification

2.1. Classification of the substance or mixture

GHS 05 corrosive

H314: Causes severe skin burns and eye damage

H335: Irritation to the respiratory system

VOC = 0%

2.2. Label elements

GHS 05 labeling

Hazard pictogram (H314)



CORROSIVE



IRRITANT

Hazard statement (H314)
Hazard statement (H335)
Precautionary statement (P303+P361)

- Danger
- H314 - Causes severe skin burns and eye damage
- P303 - In case of contact with skin, wash thoroughly with copious amounts of water.
- P361 - Wear protective gloves, protective clothing, eye protection, face protection.
- P303+P361 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- P303+P311 - IF ON SKIN (or hair): Remove/soak off immediately all contaminated clothing. Please refer to the appropriate MSDS for further instructions. Remove contact lenses. If present and easy to do, continue rinsing.
- P311 - Always only in original container.

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OSPHO

Safety Data Sheet

according to Federal Register Title 29, Part 1910, Subpart Z, Section 101.101 (OSHA 29 CFR 1910.101)

2.2. Hazards and material for initial hazard and classification not material for shipping up

Classify any spills or leaks as follows: using an MSDS/MSDS to select a transporter or appropriate container (provide number in order to not get a return treatment). Neutralize with sodium carbonate, sodium bicarbonate, or lime. Rinse with plenty of water.

2.4. Reference to other sections

No additional information available

SECTION 7 - Handling and storage

7.1. Precautions for safe handling

PRECAUTIONS FOR SAFE HANDLING

- Good ventilation of the workplace required. Use suitable material. Follow the measures listed in this safety data sheet. For protection use pumping techniques for unloading and discharging. Maximum container loads: Avoid any discharges with the product. Do not breathe vapors. Never breathe mists or any exposure agent from liquids or vapors. Do not allow or breathe steam and/or product in the case of decomposition. Do not use with incompatible material (see section 9.1).

Hygiene measures

- Work in well-ventilated areas with good air flow and avoid breathing, drinking or smoking in areas having mists. Whenever in contact with or around vapors, remove contaminated clothing and shoes.

7.4. Conditions for safe storage, including any incompatibilities

Storage conditions

- Store in dry, cool and well-ventilated area. Do not store under direct sunlight. Store in a cool, well-ventilated area (avoid direct sunlight).

Incompatible products

- Keep away from acids, alkalis, cyanides and metal powders.

Packaging materials

- Suitable steel cans. Polyethylene (high density).

7.5. Specific end use(s)

No additional information available

SECTION 8 - Exposure controls/personal protection

8.1. Control parameters

OSPHO 14

OSPHO 14	OSPHO 14 (OSPHO 14)	1 mg/m ³ 8 hr T _{WA}
OSPHO 14	OSPHO 14 (OSPHO 14)	1 mg/m ³

8.2. Exposure controls

Appropriate engineering controls

- Open these areas for example in close proximity. Good ventilation of the workplace required. Monitor the atmosphere at regular intervals. Emergency eye-wash facilities and safety showers should be available for employees in the immediate vicinity of any potential exposure.

Personal protection

- Wear chemical protective gloves.

Eye protection

- Wear safety glasses or face shield with safety glasses.

3M and body protection

- Wear acid-resistant protective clothing. When operations allow safety shoes. Always in use. Regularly inspect protective garments and replace with the LFLA. Wash and dry thoroughly at a well-ventilated area.

Respiratory protection controls

- No protection measures necessary for unloading and discharging.

SECTION 9 - Physical and chemical properties

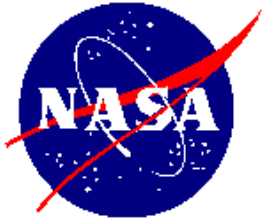
9.1. Information on basic physical and chemical properties

Physical state	liquid
Appearance	slightly viscous liquid
Color/odour	light green
Label	green
Colour	green
Odour	acidic
Odour threshold	no data available
PH	1.1
Relative vapour pressure (at 20°C)	no data available
Melting point	35% -170 °C 65% 421 °C
Freezing point	no data available
Boiling point	95% 131°C 95% 161°C

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Construction Safety Findings: 25-29 April 2016

Findings Total: 0

Serious Findings: 0

Less than Serious Findings: 0

Mishaps / Close Calls: 0

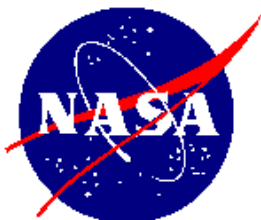


Construction Safety



2016 VPP Safety and Health Goals

- 1) Implement an arm, hand and finger safety campaign.
- 2) Promote the SSC safety culture on construction sites.
- 3) Improve and promote our safety incentive program through the Smart Human Actions Keep Everyone Really Safe (SHAKERS) award program.
- 4) Educate SSC employees on how to identify and report hazardous coatings and materials.



Construction Safety



Any SHAKERS out there?

NASA Stennis Space Center - Safety Recognition Program

SHAKERS stands for "Smart Human Actions Keep Everyone Really Safe"

To be designated and recognized as SHAKERS you just need to be caught in the act of doing something that contributes to the safety and health of others, your organization or the community as a whole.

SHAKERS cards are available at various locations throughout the Center but can be accessed quickly through the NASA SSC Safety and Mission Assurance Web site: <http://ssma.ssc.nasa.gov/shakers.asp>

Completing a SHAKERS card is easy. Simply fill it out and give it to your Supervisor. Supervisors will have the responsibility to validate and accept the submission and will forward it to the SSC SMA office, attention Sandra Jones, Mail stop 1100.309-2.

If your SHAKERS submission is accepted by your Supervisor and SMA, the individual you promoted will be recognized by the Center Director and receive a certificate and small lapel pin to signify their contribution and NASA's appreciation.

The SHAKERS program is open to all civil servants, contractors and tenants.



National Aeronautics and Space Administration
John C. Stennis Space Center
Stennis Space Center, MS 38529-4000

Who's Working Safe?

Who: _____

What Safety Action Did You Observe?

When Did You See It? (Date): _____

Where? _____

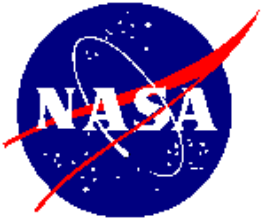
Submitted By: _____

Please give this form to your supervisor.



Voluntary Protection Programs
An OSHA Cooperative Program

www.nasa.gov



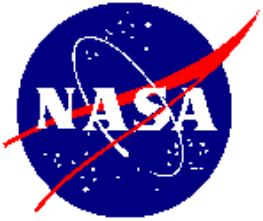
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Questions?

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



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Let's all pay extra attention to the safety of our arms, hands, and fingers because it is...

Cinco de Mayo!

Have a Safe month!