



Office of Environment, Safety, and Health

Suspect/Counterfeit-Defective Item Highlights

Rick Green, EH-32

**Suspect/Counterfeit-Defective Items
Televideo Conference September 15, 2005**



S/C-DI Trends for 2005

- ◆ **No reported fatalities or major accidents from S/CI**
- ◆ **Increase in reports concerning:**
 - **Faulty weapons – weapon components (e.g., ruptured Bushmaster rifle – [DCS 888 - INPO], broken Bushmaster rifle bolt – [DCS 899 – INPO, DCS 876 - INPO] pictured below)**
 - **Also, fragmenting ammo [DCS 870 – INPO], defective weapons assembly protective blanket [DCS 920 – ORPS]**

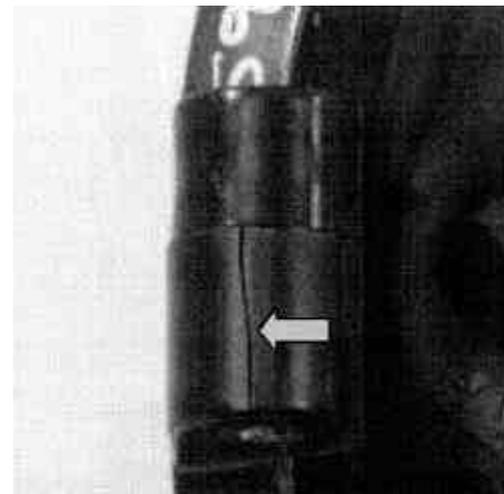




S/C-DI Trends for 2005

Increase in reports concerning:

- **Faulty respirator – respirator components**
 - **Defective Scott airline hose** [Safety Bulletin 2005-5/DCS 883 – ORPS], **defective facemask lens frame** [DCS 894 – e-mail] **pictured below**
 - **MSA Ultra Twin Filter Housings failure** [DCS 922 - ORPS], **MSA respirators falling apart** [DCS 924 - ORPS]





S/C-DI Trends for 2005

Increase in reports concerning:

- **Faulty vehicle barriers**

[g., ES&H Safety Bulletin 2005-2/DCS 887 - ORPS, DCSs 909/936 – INPO]





S/C-DI Trends for 2005

- ◆ **Fasteners continue to be most reported S/C-DI item type (> 80%)**
(e.g., failed forklift steering bolt [DCS 858])





S/C-DI Trends for 2005

- ◆ **There are several reports of false certifications affecting the aircraft industry, but most do not affect DOE.**
- ◆ **Rate of S/C-DI ORPS events reported in 2005 ~71% of 2004 rate (67 thru 08/31/05 vs. 95 through 08/31/04)**
- ◆ **More selective screening of GIDEP/INPO data has resulted in fewer Data Collection Sheets.**





S/C-DI Website Updates

Address <http://www.eh.doe.gov/sci/> Go Links

U.S. DEPARTMENT OF ENERGY
ENVIRONMENT, SAFETY AND HEALTH

HOME Department of Energy Site Map Search ES&H Security and Privacy Notices | Disclaimer

Hot Topics

- Accident Type A and B Investigations
- Electrical Safety Campaign

INFORMATION IQ QUALITY

Latest News

Suspect/Counterfeit Item Televideo Conference, September 15, 2005 - Washington, DC (08/18/2005)

DOE O 414.1C Issued June 17, 2005 and the FAQs are Available Online! (08/09/2005)

DOE Action Plan - Lessons Learned on the Columbia Space Shuttle Accident and the Davis-Besse Reactor Pressure-Vessel Head Degradation Event (08/08/2005)

More News

Events

Beryllium Particulates and their Detection Symposium (11/08/05 - 11/09/05)

Radiation Protection Workshop 2005 (11/01/05 - 11/03/05)

Human Performance Improvement (HPI) Workshop - REGISTRATION LIMITED!!!! (09/14/05 - 09/15/05)

Information for...

Lessons Learned

Daily Occurrence Reports

Safety Concerns

Suspect/Counterfeit Defective Items

The Department of Energy is committed to ensuring that items and components installed in safety-related or mission critical applications meet their intended function and operability requirements. Therefore, the Office of Environment, Health and Safety has established a process to identify Suspect/Counterfeit (S/CI) or Defective Items (DI) that are deemed safety significant and broadly applicable to DOE facilities, and to see that action is taken. ([S/CI-DI process guide](#)).

- **S/CI-DI Website Access:** Access to password protected areas of this website is available to DOE employees and contractors, and other Federal/military employees with a need-to-know. Such persons **must register for a password in this area to gain access** to S/CI and DI information.
- **Documents downloaded from the password-protected areas of this web site may be made available to the DOE Federal/military and DOE contractor community. These documents are not permitted to be made available to the general public via an Internet web site. Suppliers are included in the definition of DOE contractor for the purposes of distributing EH password-protected Suspect/Counterfeit Item (SCI) information, Safety Alerts, or Safety Bulletins. In order to ensure adequate control of this information, the cognizant DOE or contractor person is to monitor suppliers who attempt to register for access to the EH SCI web site and notify EH-3 when those parties no longer supply DOE. This will enable EH to promptly discontinue supplier access to protected areas. All parties with access to the password-protected areas of the EH web site are to exercise due diligence to maintain control of information.**
- **S/CI** contain items in which a defect appears to be due to misrepresentation of the item by the vendor, supplier, distributor or manufacturer. Archived S/CI are also available.
- **DI** contain items in which the defect appears to be due to an unintentional error in the manufacturing process. Defective items are often recalled by their manufacturers. Archived DI are also available. The link to defective items will contain certain recalls from the U.S. Consumer Product Safety Commission (CPSC) deemed significant and applicable to DOE operations. CPSC is charged with protecting the public from unreasonable risks of serious injury or death from more than 15,000 types of consumer products. You can find information on over 4,000 product recalls using the various searches at: <http://www.cpsc.gov/cpsc/pub/prerel/prerel.html>
- **Safety Bulletins** may contain S/CI or DI in which a higher level of concern has been identified and various degrees of action are required.
- **Safety Alerts** may contain S/CI or DI in which a higher level of concern has been identified and various degrees of action are required.
- **Upcoming Events** contains information on training, conferences, and other S/CI-DI related events.
- **References** contain a variety of S/CI-DI related documents including training material, subject matter experts, technical documents, statutory information, and published S/C-DI related articles.
- **Topical Search** provides for searches of S/CI-DI posted on this website by keywords.

Suspect/Counterfeit - Defective Items Home

Suspect/Counterfeit Items
Defective Items
Safety Alerts
Safety Bulletins
Upcoming Events
Annual Reports
References
Topical Search
S/CI-DI Process Guide
S/CI Awareness Training Manual

Quality Assurance Home
Performance and Quality Home

Helping the field succeed with safe and reliable operations.





S/C-DI Website Updates

- ◆ S/C-DI website registrant users approaching 300 – numbers continue to increase, but at a slower rate in 2005 (~30 new registrants in 2005)
- ◆ Safety Bulletins – New in 2005. Encompass all safety issues, not just S/C-DI.
- ◆ Safety Alerts - Encompass all safety issues, not just S/C-DI.
- ◆ Issued Safety Bulletins and Alerts bear new description block.

Special Operations Reports are issued to initiate management actions in response to events whose subject matter represents significant departmental safety concerns.

Environment, Safety and Health Alerts are issued to initiate immediate action on potentially significant safety issues.

Environment, Safety and Health Bulletins are issued to share information and recommend actions on potential safety issues.

Operating Experience Summaries are issued to share lessons learned information, operating experience information, and best practices from significant events or important individual DOE activities.





Control of S/C-DI Website Information

S/CI-DI Website Access: Access to password protected areas of this website is available to DOE employees and contractors, and other Federal/military employees with a need-to-know. Such persons **must register for a password in this area to gain access to S/CI and DI information.**

Documents downloaded from the password-protected areas of this web site may be made available to the DOE Federal/military and DOE contractor community. These documents are not permitted to be made available to the general public via an Internet web site. Suppliers are included in the definition of DOE contractor for the purposes of distributing EH password-protected Suspect/Counterfeit Item (SCI) information, Safety Alerts, or Safety Bulletins. In order to ensure adequate control of this information, the cognizant DOE or contractor person is to monitor suppliers who attempt to register for access to the EH SCI web site and notify EH-3 when those parties no longer supply DOE. This will enable EH to promptly discontinue supplier access to protected areas. All parties with access to the password-protected areas of the EH web site are to exercise due diligence to maintain control of information.

