



Office of Environment, Safety and Health

Data Collection Sheet

Suspect Material Handling Equipment Items

Tracking Number

DCS 1085

Source of Issue

ORPS

Source Tracking Number

SC--TJSO-SURA-TJNAF-2006-0003

Discovery date: 05-23-06

Summary: During a recent material handling and lifting equipment review, site personnel found approximately 20 different rigging items that contained suspect/counterfeit (S/C) material. Appropriate notifications were made, and the S/C material was removed for appropriate disposal.

Description of Occurrence: During a recent Jefferson Lab material handling and lifting equipment review, approximately 20 different rigging items were identified as Suspect using applicable Suspect/Counterfeit Item (S/CI) criteria.

Note - The determination that the items qualified for Suspect classification was largely due to the absence of manufacturer information on the equipment.

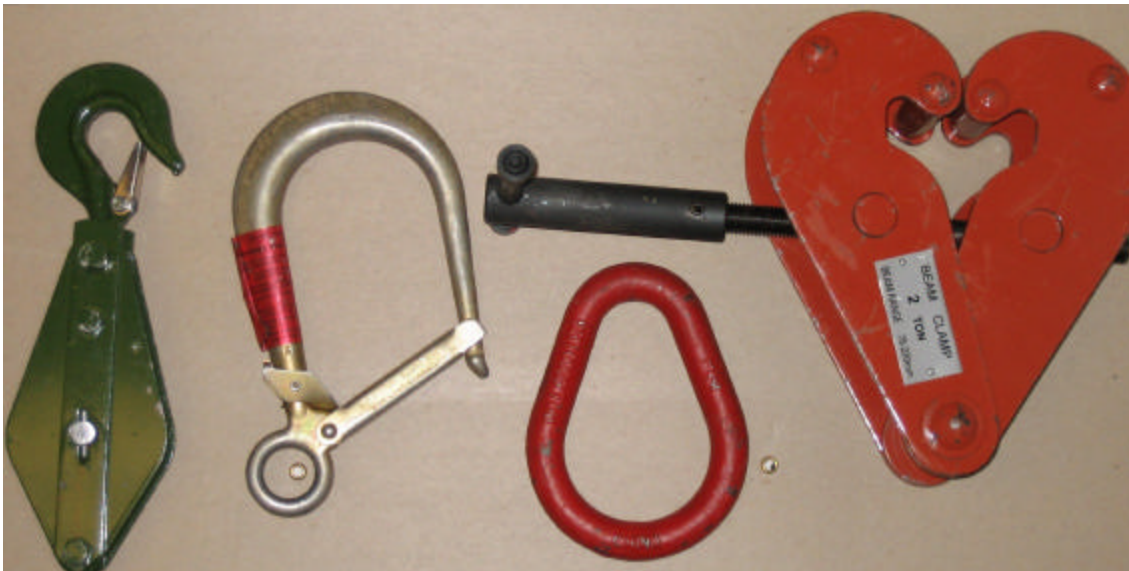


Figure 1 Items Sent to EH for Training Purposes

Immediate Actions Taken and Results:

1. The Jefferson Lab Associate Director for EH&S/QA was notified of the need for ORPS reporting following the Labwide material handling equipment review. The Facility Manager Designee was directed to collect information on the discovery of the Suspect items for this ORPS report.
2. Procurement controls are in place to ensure authorization and receipt inspection of such equipment by the Material Handling Equipment SME. It was determined that the identified Suspect items had probably infiltrated the Lab material handling equipment inventory from experimental equipment (detectors, etc.) brought to the Lab by visiting research institutions, and not through procurement channels.



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3. DOE Site Office staff consulted Office of Science, Office of Environment, Safety & Health (EH), and Region 1 DOE Inspector General (IG) contact personnel. As a result of these consultations, four of the Suspect items have been sent to EH for S/CI training session use.
4. The DOE IG issued a letter indicating that they do not need these items for evidentiary purposes, and the balance of the items have been destroyed, as to prevent further use.
5. An alert on S/CI material handling equipment identification was provided to all Jlab staff involved in material handling activities (crane operators and forklift operators) and their immediate supervisors.

Note - The date and time of the Jefferson Lab management approval of this SC-4 ORPS report is used for the dates and times of event discovery and categorization.

Evaluation (by Facility Manager/Designee): The SC/I information provided to all material handling operators and their supervisors is an appropriate action to remind all staff of the need for S/CI awareness.

Is Further Evaluation Required: No

Description of Cause: Event followup noted that the identified Suspect items possibly arrived at the Lab with experimental equipment (detectors, etc.) by visiting research institutions, and not through regular procurement channels. The Lab's experimental equipment review process will include proper material handling hardware as an area of attention. The Lab's scientific user community will be informed of the S/CI equipment discovery and the need for avoiding inappropriate rigging hardware use in a regular informational newsletter.

Lessons Learned: S/CI can enter the Lab without passing through normal procurement and inspection channels. It is appropriate to inform the Lab's scientific user community of this discovery. Also periodically reviewing material handling processes and equipment is recommended to safeguard against the potential use of S/CI rigging hardware.

Facility Name: Thomas Jefferson National Accelerator **Facility Function:** Accelerators

Laboratory, Site, or Organization: Thomas Jefferson National Accelerator Site

Facility Manager/Designee: Ficklen, Carter B , Facility Manager Designee **Telephone No.:** (757) 269-7007

Originator/Transmitter: Ficklen, Carter B , Facility Manager **Telephone No.:**(757) 269-7007

Significance Category: 4

Division or Project: Laboratory-wide

Secretarial Office: SC - Science

System, Bldg., or Equipment: South Access Bldg. & Other Lab Buildings **Plant Area:** Labwide

Reporting Criteria: 4C(2) - Discovery of any suspect/counterfeit item or material other than office supplies, office equipment, or household products.

Is Subcontractor Involved? No

Operating Conditions of Facility at Time of Occurrence: Normal Operations

Activity Category: 03 - Normal Operations (other than Activities specifically listed in this Category)

HQ Keyword(s): 11E--Other - Suspect/Counterfeit Items, 11I--Other - Visiting Scientist/Researcher or Student Employee, 12R--EH Categories - Suspect/Counterfeit Items - Defective Items

Questions concerning this issue should be directed to Tom Williams of the Office of Analytical Studies (EH-32) by telephone at (301) 903-4859 or by e-mail at thomas.e.williams@eh.doe.gov.

