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# Suspect/Counterfeit Items Open House

Suspect/Counterfeit Items in Hoist, Lifting, and Rigging

August 18, 2015



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# Agenda

- What are Suspect/Counterfeit Items (S/CI)?
- Examples and Scenarios
- Identifying S/CI in Hoist, Lifting, and Rigging Equipment
- Reporting S/CI
- Resources



# What are Suspect/Counterfeit Items?

## Suspect items:

- May not conform
- May have been misrepresented
- Something just seems wrong about the item

# What are Suspect/Counterfeit Items?

## **Counterfeit Items:**

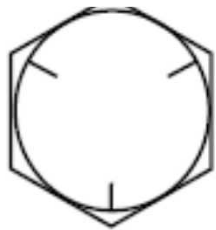
- Found to be a copy or substitute
- Knowingly misrepresented

# Examples and Scenarios

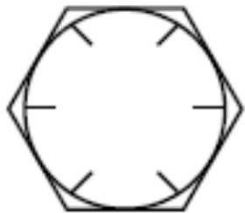
## DOE Headmark List

Any Fastener that is listed on the [DOE Headmark list](#) should be considered suspect if found.

Any grade 5 or grade 8 bolt found without a manufacturer mark should also be considered suspect.



Grade 5



Grade 8

ATTACHMENT I TO SUSPECT/COUNTERFEIT PARTS CLAUSE

**SUSPECT/COUNTERFEIT PART**

**HEADMARK LIST**

ALL GRADE 5 AND GRADE 8 FASTENERS OF FOREIGN ORIGIN WHICH DO NOT BEAR ANY MANUFACTURERS' HEADMARKS

Grade 5

Grade 8

GRADE 5 FASTENERS WITH THE FOLLOWING MANUFACTURERS' HEADMARKS:

MARK	MANUFACTURER	MARK	MANUFACTURER
J	Jinn Her (TW)	KS	Kosaka Kogyo (JP)

GRADE 8 FASTENERS WITH THE FOLLOWING MANUFACTURERS' HEADMARKS:

MARK	MANUFACTURER	MARK	MANUFACTURER
A	Asahi Mfg. (JP)	KS	Kosaka Kogyo (JP)
NF	Nippon Fasteners (JP)	RT	Takai Ltd (JP)
H	Hinamoto Metal (JP)	FM	Fastener Co of Japan (JP)
M	Minamida Sieybo (JP)	KY	Kyoei Mfg (JP)
MS	Minato Kogyo (JP)	J	Jinn Her (TW)
Hollow Triangle	Infasco (CA TW JP YU) (Greater than 1/2 inch dia)	UNY	Unytite (JP)
E	Daiei (JP)		

GRADE 8.2 FASTENERS WITH THE FOLLOWING HEADMARKS:

MARK	MANUFACTURER
KS	Kosaka Kogyo (JP)

GRADE A325 FASTENERS (BENNETT DENVER TARGET ONLY) WITH THE FOLLOWING HEADMARKS:

MARK	MANUFACTURER
A325 KS	Kosaka Kogyo (JP)

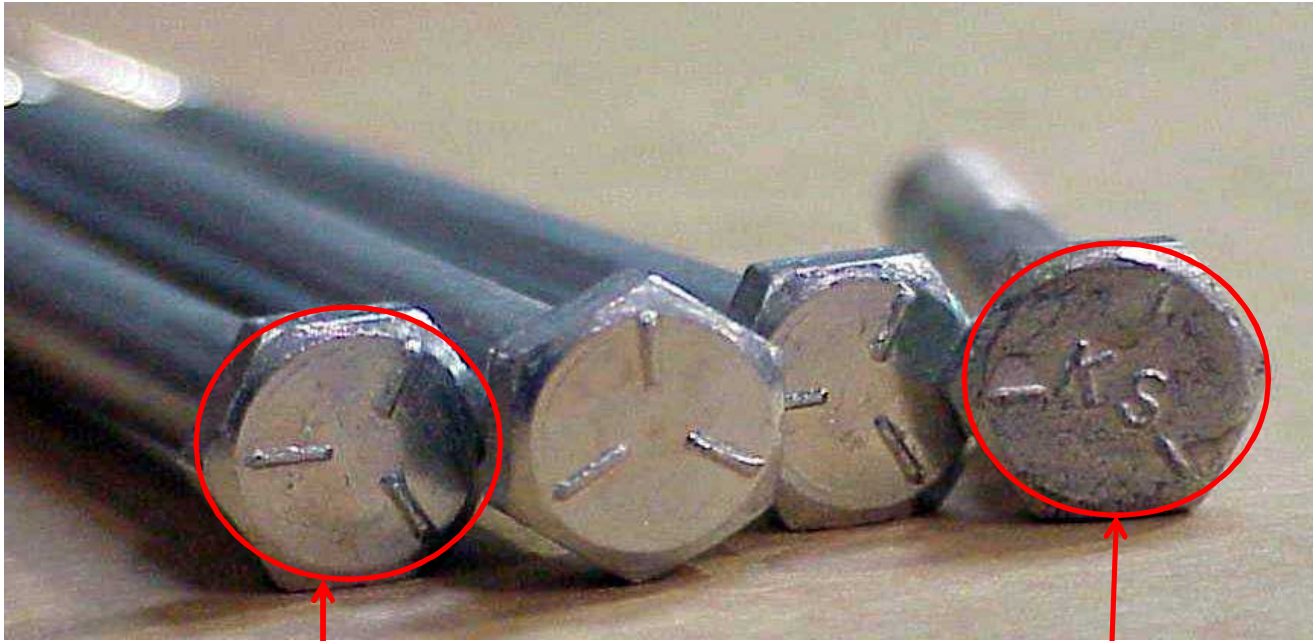
Headmarkings are usually raised - sometimes indented.

KEY: CA-Canada, JP-Japan, TW-Taiwan, YU-Yugoslavia

ANY BOLT ON THIS LIST SHOULD BE TREATED AS DEFECTIVE WITHOUT FURTHER TESTING. OR, IF YOU SEE ANY INDICATION THAT A CIRCUIT BREAKER MAY BE USED OR REFURBISHED (SEE BULLETIN, NO. DOE/EH-0266)

# Examples and Scenarios

## Fasteners

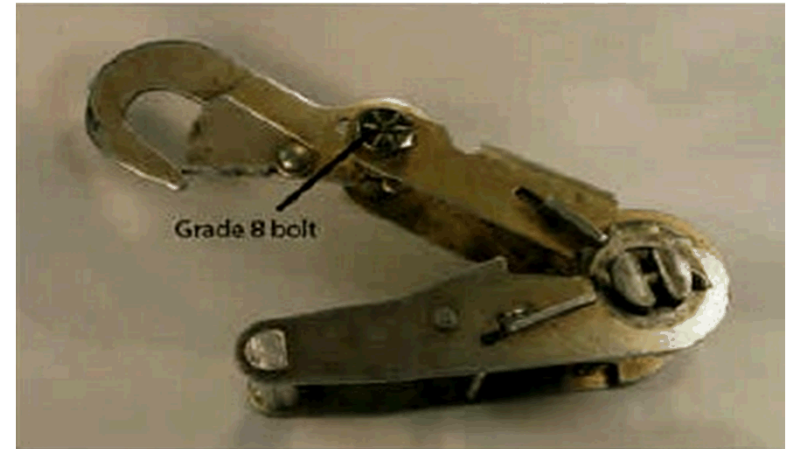


Grade 5 and has no  
manufacturer identification

“KS” (Kosaka Kogyo)  
insignia identified on the  
DOE S/CI Headmark List

# Examples & Scenarios: Ratchet Tie-Downs/Fasteners

Note that the grade 8 bolt in the ratchet does not have a manufacturers mark or logo. A manufacturers mark is required per the DOE Headmark List





# Examples & Scenarios: Ratchet Tie-Downs/ Fasteners

**From DOE's Suspect  
Bolt Headmark List**



**H Hinomoto Metal (JP)**

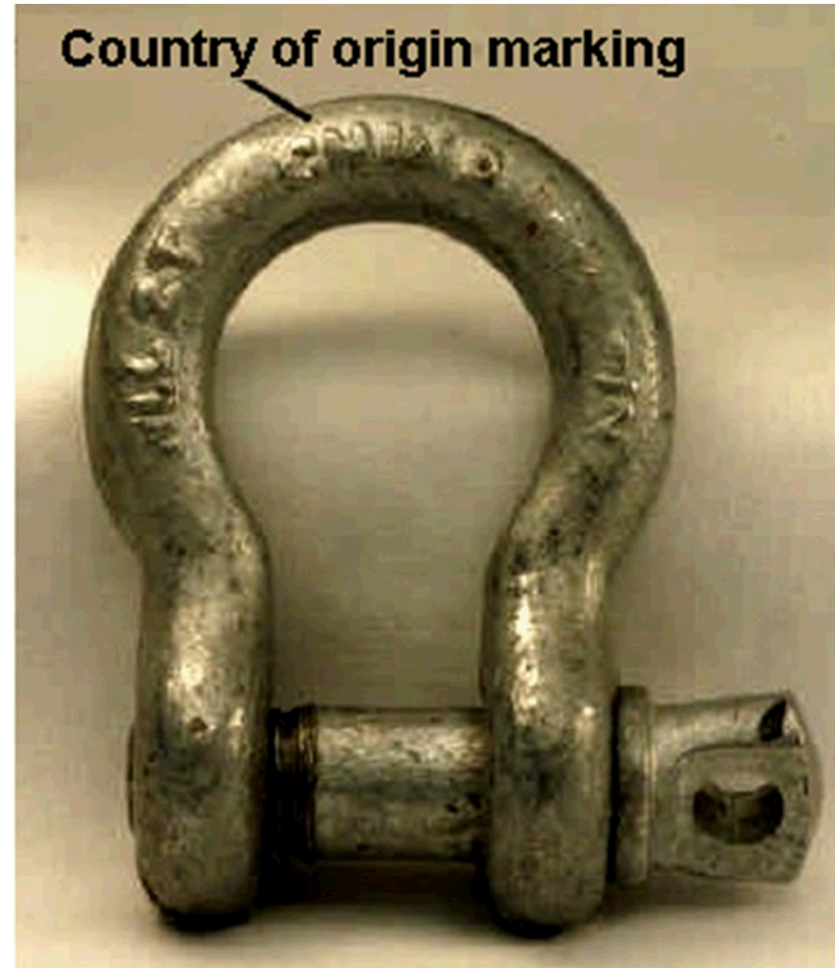
Bolt in ratchet is Grade 8  
with a manufacturer mark  
of "H", which is on the  
DOE Suspect/Counterfeit  
Headmark list





# Examples & Scenarios: Shackles

This shackle only has a country of origin mark and does not have a manufacturers mark or logo. The DOE requires a manufacturers name, trademark, or logo to be on Hooks and shackles (Reference DOE-STD-1090-2011, TR244C Rev. 5, and ASTM B30.10)



# Examples & Scenarios: Shackles



Shackle is missing a manufacturer's name, logo, or country of origin. The red colored screw pin is a Crosby trademark but Crosby logo is missing.



**Genuine Crosby Shackle**  
*"Look for the Red Pin. . .  
the mark of genuine Crosby quality."*

# Examples & Scenarios: Latching Eye Hooks



- These hooks were supposed to be new but were received with a worn appearance
- Red is a patented trademark of Crosby but this hook does not have the Crosby logo or mark.



**Genuine Crosby**  
Latching Eye Hook

# Identifying S/CI in Hoist, Lifting, & Rigging Items

## **General Indications:**

- Original markings ground off and re-stamped
- Altered markings on identification tags
- Used appearance of items (i.e. straps appear worn, or hook have indications of previous use)
- Parts identified as “China” only, or “Korea,” “Mexico,” “Thailand,” “India”
- No or incomplete documentation
- Red hooks not labeled with Crosby Group markings (“Crosby” or “CG”)
- Crosby has the Crosby Red Carbon Steel Hook U.S.A. Trademark, Registration #2,108,103.



# General Indications: Markings

Original markings ground off and re-stamped



# It's not the cost of the item that matters but the cost of the impact!

**A cheap rigging item used to lift a yacht may not cost much to buy**



**But failure can cost thousands in damage!**



# Reporting Suspect/Counterfeit Items (S/CI)

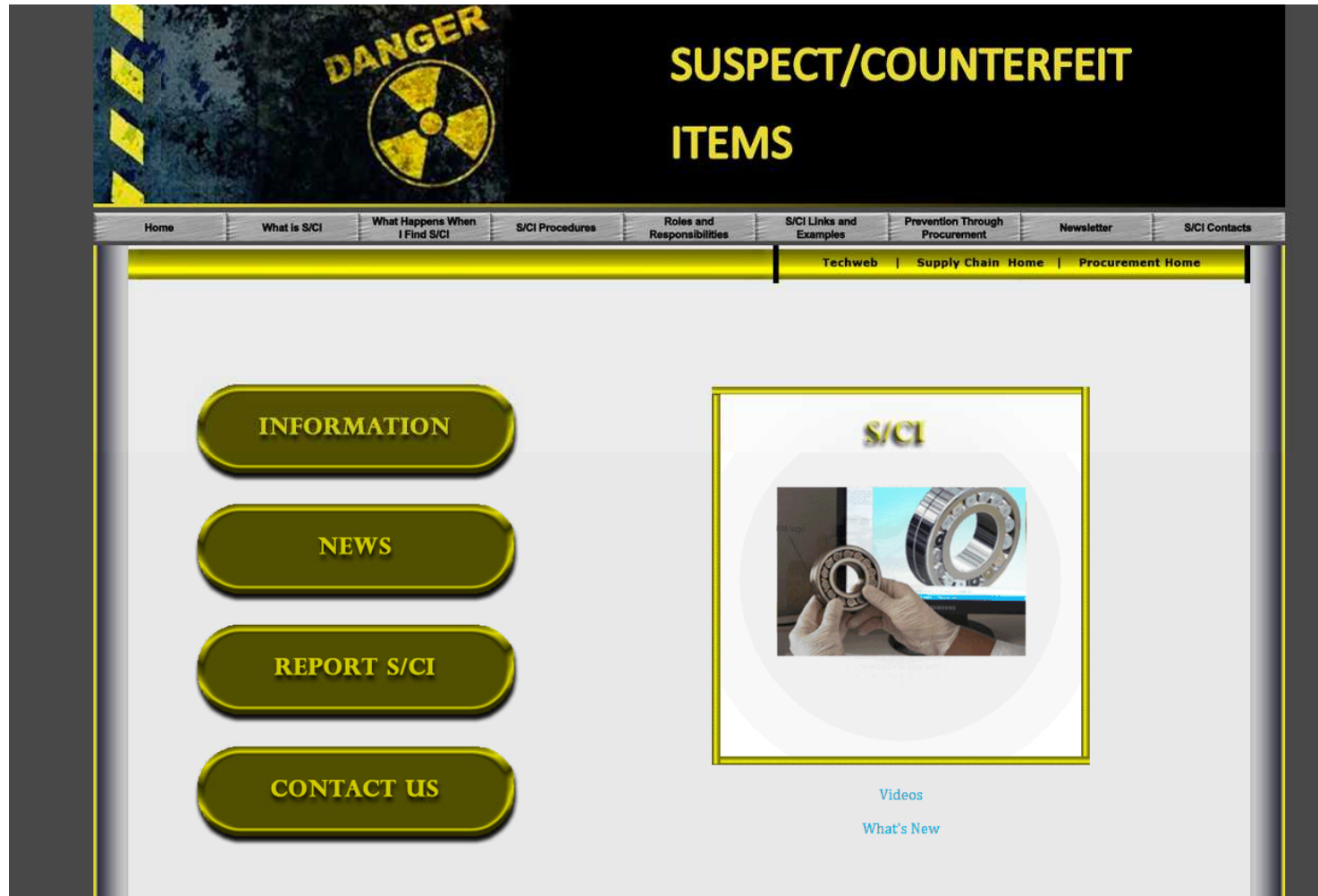
- Call the Suspect/Counterfeit Items Program Coordinator: Gabrielle Holcomb
  - Phone: 505-284-2586
  - Email: [sqasci@sandia.gov](mailto:sqasci@sandia.gov)
  - Or
  - Visit our webpage:  
<http://cfo.sandia.gov/procure/SCI/pages/index.html> and hit the button “REPORT S/CI”



# Resources

- Suspect/Counterfeit Items Webpage:  
<http://cfo.sandia.gov/procure/SCI/pages/index.html>
- DOE Order 414.1D:  
<http://energy.gov/sites/prod/files/em/DOEOrder414.1D.pdf>
- For additional information or questions call or email the Suspect/Counterfeit Items Program Coordinator: [sqasci@sandia.gov](mailto:sqasci@sandia.gov) or 505-284-2586

# Find the resources you need on our webpage!



# Questions

