

Exceptional service in the national interest



Suspect/Counterfeit Items Open House

Suspect/Counterfeit Items in Hoist, Lifting, and Rigging

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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:

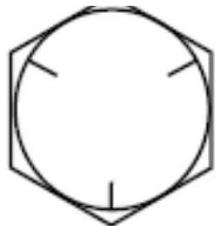
- Found to be a copy or substitute
- Knowingly misrepresented

Examples and Scenarios

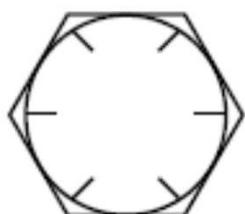
DOE Headmark List

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 J	MANUFACTURER Jinn Her (TW)
	MARK KS	MANUFACTURER Kosaka Kogyo (JP)
GRADE 8 FASTENERS WITH THE FOLLOWING MANUFACTURERS' HEADMARKS:		
	MARK A	MANUFACTURER Asahi Mfg. (JP)
	MARK KS	MANUFACTURER Kosaka Kogyo (JP)
	MARK NF	MANUFACTURER Nippon Fasteners (JP)
	MARK RT	MANUFACTURER Takai Ltd (JP)
	MARK H	MANUFACTURER Hinomoto Metal (JP)
	MARK FM	MANUFACTURER Fastener Co of Japan (JP)
	MARK M	MANUFACTURER Minamida Sieyo (JP)
	MARK KY	MANUFACTURER Kyoei Mfg (JP)
	MARK MS	MANUFACTURER Minato Kogyo (JP)
	MARK J	MANUFACTURER Jinn Her (TW)
	MARK Hollow Triangle	MANUFACTURER Infasco (CA TW JP YU) (Greater than 1/2 inch dia)
	MARK UNY	MANUFACTURER Unyelite (JP)
	MARK E	MANUFACTURER Daiei (JP)
GRADE 8.2 FASTENERS WITH THE FOLLOWING HEADMARKS:		
	MARK KS	MANUFACTURER Kosaka Kogyo (JP)
GRADE A325 FASTENERS (BENNETT DENVER TARGET ONLY) WITH THE FOLLOWING HEADMARKS:		
Type 1		MARK A325 KS MANUFACTURER Kosaka Kogyo (JP)
Type 2		MARK A325 KS MANUFACTURER Kosaka Kogyo (JP)
Type 3		MARK A325 KS MANUFACTURER Kosaka Kogyo (JP)

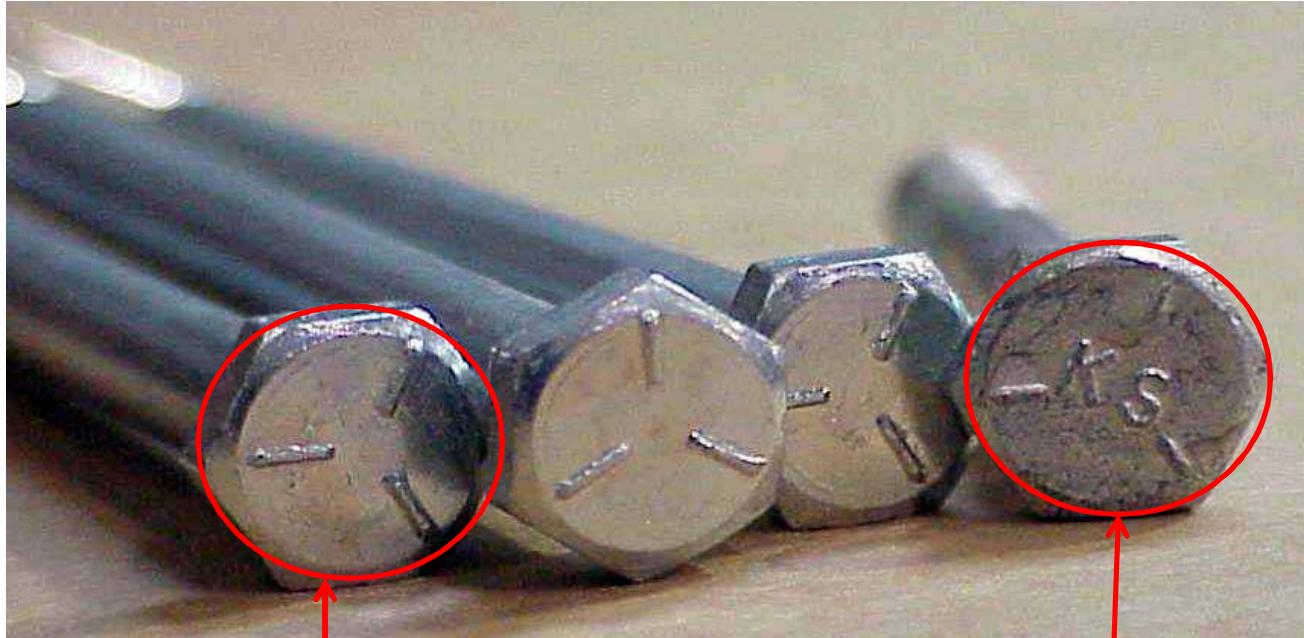
Headmarks are usually raised – sometimes indented.



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.

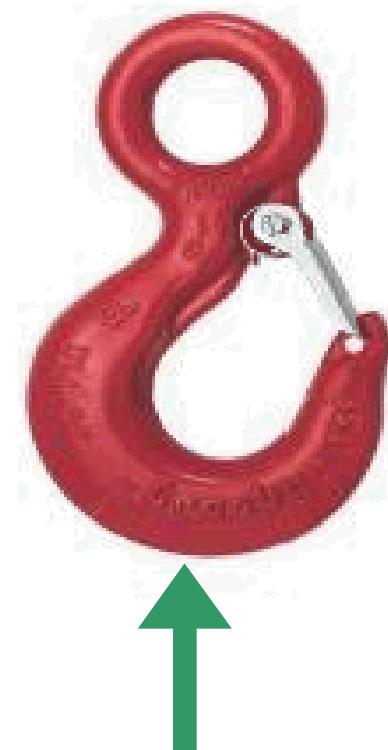


Genuine Crosby Shackle
*“Look for the Red Pin...
the mark of genuine Crosby quality.”*

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
 - 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 or 505-284-2586

Find the resources you need on our webpage!

SUSPECT/COUNTERFEIT ITEMS

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INFORMATION

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Questions

