

SUSPECT/COUNTERFEIT ITEMS

Items furnished to CHBWV shall not include Suspect/Counterfeit Items (S/CI), nor shall such items be used in performing any work under this purchase order/subcontract.

S/CI's may pose immediate and potential threats to the safety of Department of Energy (DOE), CHBWV, subcontractor workers, the public, and the environment. Failure of a *safety or mission critical system* due to an S/CI could also have security implications at the West Valley Demonstration Project (WVDP) facility.

S/CI's are defined as:

“Suspect Items” are items for which there is an indication by visual inspection, testing, or other information that it may not conform to established Government - or industry - accepted specifications or national consensus standards (e.g. ASTM, SAE, ASME, ANSI).

“Counterfeit Items” are suspect items that are a copy or substitute without the legal authority to do so or whose materials, performance, or characteristics are knowingly misrepresented by the supplier, distributor or manufacturer.

Current forms of misrepresentation may include, but are not limited to the following:

- Falsified product sources (counterfeits);
- Falsified or modified quality assurance records;
- False marking as to class, type, or grade;
- Mixing of unmarked materials with marked materials;
- False labeling as to qualification or acceptance by testing/certifying organizations;
- Used and/or refurbished products misrepresented as new products.

Historically, materials, parts, and components which have been *known* to have been misrepresented include, but are not limited to;

- Fasteners, particularly high strength Grade 5 and 8 fasteners;
- Hoisting and Rigging equipment;
- Ratchet straps, and tie-down straps;
- Pipe components, fittings, valves and flanges;
- Electrical equipment, such as circuit breakers, starters, relays, transformers, and other devices;
- Welding electrodes;
- Computer hardware and software.

The Supplier/Subcontractor warrants that all items provided to CHBWV and all items used during performance of work activities at the West Valley Demonstration Project (WVDP) *shall be genuine, original, new, and suitable* for the intended purpose, unless otherwise specified in writing by CHBWV. The Supplier/Subcontractor shall indemnify CHBWV, its agents, and third parties for any financial loss, injury, or property damage resulting directly or indirectly from material, components, or parts that are not genuine, original, and new, or suitable for the intended purpose. This includes, but is not limited to, materials that are defective, suspect, or counterfeit; materials that have been provided under false pretenses; and materials or items that are materially altered, damaged, deteriorated, degraded, or result in product failure. These requirements apply to the entire supply-chain.

Note: The Supplier/Subcontractor's warranty also extends to labels and/or trademarks or logos affixed, or designed to be affixed, to items supplied or delivered to CHBWV.

If suspect/counterfeit parts are furnished under this purchase order/subcontract and are found on the CHBWV site, such parts shall be impounded by CHBWV or they shall be removed by the subcontractor, as directed by CHBWV. The subcontractor shall promptly replace such parts with supplies acceptable to CHBWV and the subcontractor shall be liable for all costs relating to impoundment, removal, and replacement. CHBWV may turn such parts over to the U.S. Office of the Inspector General for investigation and reserves the right to withhold payment pending the outcome of any investigation.

For procurement of high strength fasteners, “Requirements for Procurement of *High Strength Mechanical Fasteners*” (pages 2, 3, and 4) shall be mandatory;

REQUIREMENTS FOR PROCUREMENT OF HIGH STRENGTH MECHANICAL FASTENERS

All provisions detailed below are mandatory requirements applicable to all procurement Orders. Any changes to these requirements must be approved in writing, by the purchaser, prior to procurement.

Application of these requirements pertain to, but are *not* limited to the following material specifications:

SAE J429 - SAE Grade 5 and all other SAE Grades of higher strength, (excludes Grades 1, 2, and 4),
ASTM A 193,
ASTM A 194,
ASTM A 320,
ASTM A 325,
ASTM A 354,
ASTM A 437,
ASTM A 449,
ASTM A 490,
ASTM A 540,
ASTM A 563,
ASTM F568M (Metric) - Prop Class 8.8 and Classes of higher strength, and
ASTM F593.

Goods furnished under this Order will be used in a U. S. Government-owned facility. All fasteners should be manufactured domestically, i.e., within the United States of America.

Fasteners shall exhibit grade/property class marks and manufacturer's identification symbol (headstamp) as required in the above material specifications. Also, any fasteners supplied with the headmarks displayed on the attached suspect fastener headmark list will not be accepted.

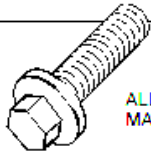
Fasteners received will be inspected to verify compliance with these requirements. Additionally, received items may be subjected to chemical and physical testing to verify conformance with requirements.

When specified by the procurement document, Certified Material Test Reports shall be provided by the fastener manufacturer and shall report the values of actual chemical and physical tests performed on the represented fastener lot/material heat. Fastener packaging/labeling shall be traceable by lot number or other positive means to the Certified Material Test Report.

When specified by the procurement document, a dated Certificate of Compliance, signed by an authorized company representative, providing traceability of the supplied materials to this Order shall be provided.

Sources: DOE Suspect/Counterfeit Items Awareness Training Manual June 2007/Rev 6 and DOE DCS-1623 dated 12/10.

Ref: <http://www.hss.energy.gov/csa/csp/sci/>.



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



MARK
KS

GRADE 8 FASTENERS WITH THE FOLLOWING MANUFACTURERS' HEADMARKS:



MARK
A



MARK
KS



MARK
NF



MARK
RT



MARK
H



MARK
FM



MARK
M



MARK
KY



MARK
MS



MARK
J



Hollow Triangle (CA TW JP YU) (Greater than 1/2 inch dia)



MARK
E



MARK
UNY

GRADE 8.2 FASTENERS WITH THE FOLLOWING HEADMARKS:



MARK
KS

GRADE A325 FASTENERS WITH THE FOLLOWING HEADMARKS:

Type 1



MARK
A325 KS

Type 2



Type 3



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.

Reference: This tool was derived from the 1992 U.S. Customs Service list.

Date: 12/21/2010

DOE DCS-1623, dated 12/10

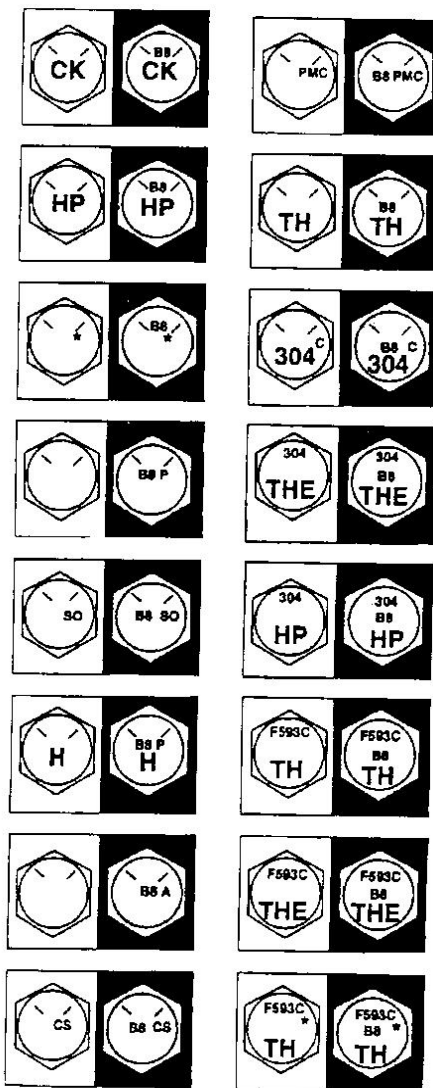
MECHANICAL ITEMS

SUSPECT STAINLESS STEEL FASTENER
HEADMARK LIST

Examples of stainless steel fasteners that have been upgraded from 18-8 to ASTM A320 or ASTM A193 Grade B8 after hand stamping. The last three examples show examples of fasteners to indicate conformance to two non-compatible standards, ASTM A193 and ASTM F 593C.

Any bolt on this list should be treated as defective without further testing and process in accordance with HNF-PRO-301. Note: This list was originally Published by DOE/EH-0196, Issue No. 97-6

If any of these fasteners are located, contact your facility S/CI Point of Contact (POC) for instructions. The POC list is on the Hanford Intranet at: <http://docs.rl.gov/han.info/hianac1/hianac1.doc>. Scroll to the end of the document for the list.



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