Field Evaluation Services Newsletter

UPCOMING TRADE SHOWS

FIELD EVALUATION OF USED EQUIPMENT

TOP SAFETY RECALLS

CUTTING EDGE TECHNOLOGY NEWS

& ELECTRICAL WORKPLACE INCIDENTS

August 2016

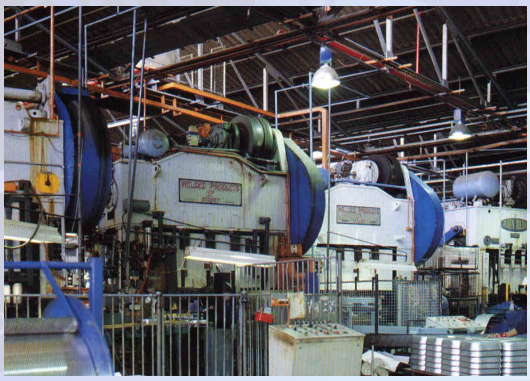
TÜVRheinland®

TÜV RHEINLAND'S MONTHLY NEWSLETTER ON FIELD EVALUATION SERVICES

AUGUST 2016

FIELD EVALUATION OF USED EQUIPMENT

by Mike Devoy



In today's industrial machinery world buying used equipment is fairly common. In many cases the used machine is subject to the local jurisdiction approval. If the machine is not listed then a field label should be considered. Even moving used equipment from one factory to another or to a new location can be an issue.

We have noticed an increase of end users purchasing used equipment from EBay or other auction sites. The equipment may be noted as "factory refurbished" (or similar). The machine may be modified or missing parts or documentation. It is important for the end user to understand that field labeling may be necessary, it is also important to understand that in some cases the used machine may require modifications for conformity. If the equipment is older it may not meet a newly published standard version.

NFPA 791 recommended practice and procedures for unlabeled electrical equipment evaluation and other product safety standards have special considerations for used machines. These include:

- Review of service history and construction changes to verify if conformity is effected
- Damaged components
- Modification that have direct impact on conformity
- Availability of drawings
- Availability of manufacturer or technical support

TUV can help, we have experts that can assist with field evaluation of used machines for during or after purchasing, for before or after moving / relocation, for modifications that impact conformity and safety.

Top Product Safety Recalls

- Kohler Power Systems Recalls Portable Generators
- Lekker Recalls Patriot Power Generators
- National Time Fire Alarm Pull Stations
- UL Warns of Potentially Hazardous Surge Protectors
- Porta Recalls Residential Elevators
- UL Warns of Counterfeit UL Mark

Fire/Burn Hazard | Shock Hazard | Function Failure | Counterfeit Mark

ELECTRICAL & WORKPLACE INCIDENTS

- OSHA: Fatal GA Plant Combustible Dust Explosion Preventable
- Six Tips To Improve Your Lockout/Tagout Program
- Georgia Grain Facility Cited And Fined For Fatal Dust Explosion By OSHA
- OSHA Cites Macy's, The Finish Line For Electrical Shock Hazards
- Ware MA: Power Plant Electrical Fire Caused By 'Arc Flash' Explosion
- Six Kids Injured By Electric Shock On CT Amusement Park Ride
- Richmond Fire Crews See Increase In Electrical Fires
- NY Police Respond To Explosion, Treat Burn Victim At Aluf Plastics
- Overloaded Electrical Outlets Caused Fire In VA Mall
- Man Shocked While Doing Work At IL Mall

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CUTTING EDGE TECHNOLOGY NEWS

- Scientists Develop Dissolving Battery
- Scientists Convert Carbon Dioxide, Create Electricity
- Researchers Debut Programmable Quantum Computer
- Patent Infringement: Promises And Pitfalls Of 3D Printing
- The Race For Quantum Levitation
- The Jeep Hackers Are Back To Prove Car Hacking Can Get Much Worse
- Defective Products Could Result From Cyberattacks On Industrial 3D Printers
- UC Irvine Accidentally Invents A Battery That Lasts Forever
- Nanorods Could Harvest Water In Dry Climates
- Inkjet Printed Solar Cell Turns Your Portrait Into A Power Source

BIOLOGY AND TECHNOLOGY

- This Robotic Rectum Helps Detect Prostate Cancer
- From Hospital Bed To Sea Bed: Godfrey Hounsfield: Inventor Of The CT Scanner
- Ray Kurzweil Explains Why Radical Life Extension Will Be Better Than You Think
- Stretchy Electronics Give Artificial Hands Real Feeling

ASTRONOMY AND TECHNOLOGY

- Mars' Ancient Lakes: Further Proof The Red Planet Once Had Water
- Confirmed: NASA Just Discovered Earth Has A Second Moon
- SpaceX Is Partnering With NASA For A 2018 Mars Mission
- NASA Study: Mass Gains Of Antarctic Ice Sheet Greater Than Losses

WANT TO SEE MORE?

Receive our FES Newsletter to your inbox and get the latest in field evaluation services and other related industry news.

SIGN UP FOR OUR NEWSLETTER

RESOURCE LINKS

TÜVRheinland®
ACCREDITATIONS

OSHA ACCREDITATION

SCC ACCREDITATION

FEDERAL LAWS FOR THE WORKPLACE

OSHA/US DOL BULLETIN: CERTIFICATION OF WORKPLACE PRODUCTS BY NATIONALLY RECOGNIZED TESTING LABS

OSHA: ALL EQUIPMENT MUST BE NRTL APPROVED

NRTL PART 1

NRTL PART 2

29CFR1910.303A SUBPART S ELECTRICAL

OSHA: INDUSTRIAL MACHINERY IS ELECTRICAL EQUIPMENT

29CFR1910.399 DEFINITIONS

UPCOMING TRADE SHOWS

Book an Appointment

Will you be attending one of these upcoming shows?
Set up an appointment with us today!

IAEI SW	August 21 - 25	Tucson, AZ
NC Biomedical Assoc Convention	August 23 - 26	Pinehurst, NC
IAEI NW	September 11-14	Seattle, WA
IMTS	September 12-17	Chicago, IL
IAEI Western	September 18-21	Altoona, IA
IAEI Eastern	Sept/Oct 30-2	Springfield, MA