

FIELD EVALUATION SERVICES NEWSLETTER

**TOP
SAFETY
RECALLS**

**ELECTRICAL
AND
WORKPLACE
INCIDENTS**

**CUTTING
EDGE
TECHNOLOGY
NEWS**

**3D
PRINTING
NEWS**

**FEDERAL
LAW FOR THE
WORKPLACE**

NOVEMBER 2015



TÜVRheinland®



3-D PRINTING SYSTEMS – ELECTRICAL SAFETY

by Mike Devoy



3D printers are here. Applications for 3D printers include architecture, construction (AEC) industrial design, automotive, aerospace, military, engineering, dental and medical industries, biotech (human tissue replacement), fashion, footwear, jewelry, eyewear, education, geographic information systems, food, hobbyist and home use, and many other fields. Both indoor and outdoor applications are offered. 3D printers can

range in size from desktop units to factory sized units they can even build homes. Check out the above [video](#) showing some applications.

Today's modern product safety standards do a good job to ensure safety. TÜV Field Evaluation Services are staffed with professional safety engineers who are experts at these relevant compliance standards. Contact us today for more information info@tuv.com

3D PRINTING SYSTEMS

HOW DOES
3D PRINTING
WORK?



CONSUMER 3D
PRINTER USED
TO CREATE
HUMAN TISSUE

INJURED CAT
FITTED WITH 3D
PRINTED LEG
BRACE



NFPA 70E TRAINING – DO YOU NEED TO BE COMPLIANT?

TÜV Rheinland offers training and certification sessions on NFPA 70E Compliance for work place and arc flash safety. The Electrical and Arc Flash Safety training program can provide information needed to comply with the new standards. Each training-program participant receives comprehensive classroom reference manuals and a certification of completion.

[FIND OUT MORE](#)

TOP PRODUCT SAFETY RECALLS



Horizon Hobby Recalls E-flite Chargers



Counterfeit UL Mark on Power Supply



GE Recalls Air Conditioning and Heating Units



WakaWaka Recalls Adapter Kits



PNY Recalls Portable Lithium Polymer Battery



FIRE/BURN
HAZARD



SHOCK
HAZARD



COUNTERFEIT
MARK



LACERATION
HAZARD

ELECTRICAL AND WORKPLACE INCIDENTS

EXPLOSION
INJURES
ELECTRICAL
WORKER AT
NAPLES FLA.
RESORT

EXPLOSION
AT GEORGIA
POWER'S PLANT
BOWEN

TWO
IN CRITICAL
CONDITION
AFTER DAM
ELECTRICAL
EXPLOSION

TWO
WORKERS
BURNED DURING
ELECTRICAL
EXPLOSION AT
LIBRARY

WORKERS
INJURED IN
PRIEST RAPIDS
DAM
EXPLOSION
IMPROVING

RESIDENCE
INN
EVACUATES AFTER
UNDERGROUND
ELECTRICAL
EXPLOSION

CUTTING EDGE TECHNOLOGY NEWS

TESLA'S CARS
NOW DRIVE
THEMSELVES,
KINDA

REMOTE
MEXICAN
VILLAGE USES
SOLAR POWER
TO PURIFY
WATER

A TOWER OF
MOLTEN SALT
WILL DELIVER
SOLAR POWER
AFTER
SUNSET

SCIENTISTS
CONNECT BRAIN
TO A BASIC
TABLET

GRAPHENE
INKS FOR
MANUFACTURING
OF PRINTED
ELECTRONICS

KITES: THE
FUTURE OF
WIND ENERGY?

THERE'S A
ROBOT WAITING
TO TREAT YOUR
PREDICTED
HEART
ATTACK

MAKING
FLEXIBLE OLED
DISPLAYS
(ORGANIC
LIGHT-EMITTING
DIODES)

WIRELESS
AI DEVICE
TAKES AIM AT
PARKINSON'S

RESOURCE LINKS



TÜVRheinland
ACCREDITATIONS

OSHA
ACCREDITATION



SCC
ACCREDITATION



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

29CFR1910.303A
SUBPART S
ELECTRICAL

OSHA:
INDUSTRIAL
MACHINERY
IS ELECTRICAL
EQUIPMENT

FEDERAL LAWS FOR THE
WORKPLACE

29CFR1910.399
DEFINITIONS

NRTL
PART 2

NRTL
PART 1

OSHA: ALL
EQUIPMENT MUST BE
NRTL APPROVED

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