XL Risk Consulting

Research Update

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COUNTERFEIT FIRE PROTECTION EQUIPMENT AND RECALLED FIRE PROTECTION AND COMMERCIAL EQUIPMENT

This *Research Update* supplements the previous *Research Updates* issued on counterfeit fire protection equipment, product safety notices, and product recalls from FM Approvals, UL, the Consumer Product Safety Commission (CPSC), and Organization for Economic Co-operation and Development (OECD). If you suspect any piece of Listed or Approved equipment is counterfeit, please contact:

- Vice President – Director of Research of AXA XL Risk Consulting +1 (1) 860 293-7900, email: peter.willse@axaxl.com
- FM Approvals: Antonio L. Pires, FM Approvals, Quality Department, Norwood, MA, USA +1 (1) 781 255-4825, email: Antonio.pires@fmapprovals.com or on their website (https://www.fmapprovals.com/product-alerts-and-news-events/product-alerts)
- Underwriters Laboratories through their market surveillance website (http://www.ul.com/customer-resources/market-surveillance-department/market-surveillance/),

Please include information as to where it was found, who installed the equipment, when the equipment was installed, why you suspect it to be counterfeit, and photographs.

The approvals agencies, Underwriters Laboratories (UL) and FM Approvals (FM), are constantly watching out for counterfeit items with their label or stamp on them. Both agencies publish notices (UL - http://ul.com/newsroom/publicnotices/ and FM - http://www.fmapprovals.com/product-alerts-and-news-events/product-alerts) when they discover counterfeit equipment/material. While most of the counterfeit equipment has been found in Asia, Asia-Pacific, Canada, Europe, Middle East, South America and US, the counterfeit equipment could be found all over the world.

The counterfeit equipment has not been evaluated by an agency to the appropriate standards for safety and it is unknown if the equipment complies with any safety requirements.

It is recommended that any counterfeit equipment/material be replaced with authentic equipment/material that has been tested, listed or approved by an acceptable testing agency, such as UL, FM, LPCB, etc.

COUNTERFEIT ANGLE HOSE VALVE

Counterfeit A56 and Unknown Model Angle Hose Valve

This is an update from the 2015-2 and 2019-3 *Research Update*.

In the UL Public Notice 20PN-22, UL announced finding counterfeit “A56” and an unknow model angle hose valves found in and around Medellin, Colombia bearing the UL marks.

The counterfeit angle hose valves are 1½ in. (38mm) valves bearing “A56” and no model number on the housing, however, the identity of the manufacturer is unknown.

The lettering and markings on the counterfeit “A56” valve housing are shown in Figure 1. Figure 2 shows the marking “K5” on the top of the valve, and Figure 3 shows the top of the handle without any marking.

Figure 1: Valve Housing Showing the Counterfeit Model and Listings Marks
Photo from the UL Public Notice 20PN-22

Figure 2: Top of the Valve Housing Showing the Counterfeit Model and Listings Marks
Photo from the UL Public Notice 20PN-22

Figure 3: Top of the Handle
Photo from the UL Public Notice 20PN-22

Figure 4 shows the housing of the hose valve with no model number, just the size and name of valve. Figure 5 shown the top and bottom of the handle. The top having a disk indicating UL and FM listed. The bottom indicating it was fabricated in Italy.

Figure 4: Valve Housing Showing the Type of Valve and Size
Photo from the UL Public Notice 20PN-22

Figure 5: Valve Handle Showing the Disk and "ITALY"
Photo from the UL Public Notice 20PN-22

COUNTERFEIT COMMUMICATION CABLE

UL has 3 Public Notices (20PN-15, 20PN-30, and 20PN-32) warning of potential fire hazards of counterfeit communications cables.

Counterfeit Grandmax Type CMR Cable

In the UL Public Notice 20PN-15, UL announced finding counterfeit Grandmax Type CMR communications cable bearing the UL mark (see Figure 6). The cable was sold through the warehousecables.com website and possibly sold by others.

The communications cable does not meet the flammability requirements of the safety standard which may cause an increased risk of fire.

The surface of the cable jacket displays the following description:

> GRANDMAX E213738 24AWG 4PR SOLID CMR UL C(UL) UTP CAT 5E FT4 350MHZ CONFORM TO ANSI/TIA568-C.2 & ISO/IEC 11801 75c ROHS REACH COMPLIANT 0968FT 52912

The identification on the box:

GRANDMAX
CONDUCTOR: SOLID
QTY: 1000 ft
Made in China

Figure 6: Label on Box Having the UL Mark
Photo from the UL Public Notice 20PN-15

Counterfeit Category 5e Cable

In the UL Public Notice 20PN-30, UL announced finding counterfeit Category 5e communications cable bearing the UL mark (see Figure 7). The cable was sold through the cablesdirectonline.com website and possibly sold by others.

The communications cable does not meet the flammability requirements of the safety standard which may cause an increased risk of fire.

The surface of the cable jacket displays the following description:

> E468535 (UL) c(UL) CMR CATEGORY 5E TIA/EIA-568-C2 24 AWG 4PR UTP 350 MHz VERIFIED 0996FT

The identification on the box:

Category 5e Cable
Conforms to:
ANSI/TIA-568-C.2
ISO/IEC 11801
EN: 50288

COMMUNICATIONS CABLE
No. (Range from P47831845 to P47831944

Has both the cULus Mark and the UL Holographic Label

Figure 7: Lettering and Markings of the Counterfeit Category 5e Communications Cable Box
Photo from the UL Public Notice 20PN-30

Counterfeit ClariTronix Cabling Solutions, Type CMR Cable

In the UL Public Notice 20PN-32, UL announced finding counterfeit ClariTronix Cabling Solutions, Type CMR Cable bearing the UL mark (see Figure 8). The cable was sold through the summitwsource.com website and possibly sold by others.

The communications cable does not meet the flammability requirements of the safety standard which may cause an increased risk of fire.

The surface of the cable jacket displays the following description:

> CLARITRONIX^{tm} VERIFIED (ETL) UTP CAT. 5E 350 MHZ TO TIA/EIA 568-B.2 E309496 (UL) OR C(UL) CMR ROHS 24AWG 4P ZONE/DEVICE A B C D E 1 2 3 4 5 6 7 8 9 JACK 1 2 3 4 5 6 0982FT

The identification on the box:

CLARITRONIX CABLING SOLUTIONS
High Performance LAN Cable
Cat5e 4Pair/24AWG Tested to 350MHZ

Part No: CAT5E-1000-YL-NST

Has both the UL cUL Mark

Figure 8: Lettering and Markings of the Counterfeit ClariTronix Communications Cable Box
Photo from the UL Public Notice 20PN-32

COUNTERFEIT PORTABLE ENERGY-STORED POWER PACKS

UL has 2 Public Notices (20PN-11 and 20PN-12) warning of potential fire hazards of counterfeit portable energy-stored power packs.

Counterfeit LEMSIR Models V8 and V3 Portable Energy-Stored Power Pack

In the UL Public Notice 20PN-11, UL announced finding counterfeit LEMSIR Models V8 and V3 Portable Energy-Stored Power Packs bearing the UL mark (see Figures 9 - 13). The power pack was sold through the Amazon.com website and possibly sold by others.

These portable energy-stored power packs have not been evaluated by UL to the appropriate Safety Standards for the risk of fire, electric shock, or injury to persons.

The power packs have a counterfeit UL Certification Mark and the following:

Model: V8
Capacity: 12800mAh/47.36Wh
Start Current: 400A
Peak Current: 800A
Output for vehicle: 12V
USB Output1: 5V/1A
USB Output2: 5V/2.1A
Input: 5V/2A

Model: V3
Capacity: 21000mAh(77.7Wh)
Start Current: 1100A
Peak Current: 2200A

Figure 9: Image of the Box of the Counterfeit LEMSIR Model V8 Portable Energy-Stored Power Pack
Photo from the UL Public Notice 20PN-11

Figure 10: Image of the Counterfeit LEMSIR Model V8 Portable Energy-Stored Power Pack
Photo from the UL Public Notice 20PN-11

Figure 11: Label of the Counterfeit LEMSIR Model V8 Portable Energy-Stored Power Pack
Photo from the UL Public Notice 20PN-11

Figure 12: Image of the Box of the Counterfeit LEMSIR Model V3 Portable Energy-Stored Power Pack
Photo from the UL Public Notice 20PN-11

Figure 13: Image of the Box of the Counterfeit LEMSIR Model V3 Portable Energy-Stored Power Pack
Photo from the UL Public Notice 20PN-11

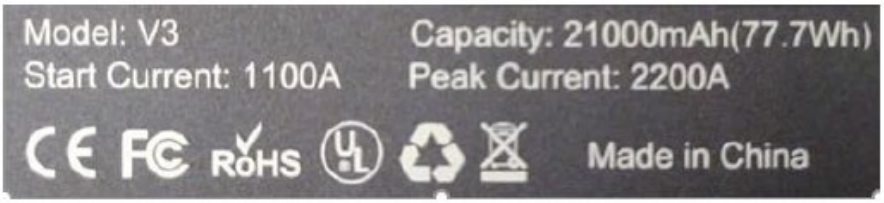

Figure 13: Label of the Counterfeit LEMSIR Model V3 Portable Energy-Stored Power Pack
Photo from the UL Public Notice 20PN-11

Counterfeit BEATIT Models G22 and BP101Portable Energy-Stored Power Pack

In the UL Public Notice 20PN-11, UL announced finding counterfeit BEATIT Models G22 and BP101 Portable Energy-Stored Power Packs bearing the UL mark (see Figures 14 - 19). The power pack was sold through the Amazon.com website and possibly sold by others.

These portable energy-stored power packs have not been evaluated by UL to the appropriate Safety Standards for the risk of fire, electric shock, or injury to persons.

The power packs have a counterfeit UL Certification Mark and the following:

Model: G22
Capacity: 15600mAh/57.72Wh
Start Current: 750A
Peak Current: 1500A
USB Output1: 5V/9V/12V
USB Output2: 5V/2.1A
Type-c In(Out): 5V/3A
DC Output: 12V/10A

Model: BP101
Capacity: 21000mAh(77.7Wh)
Start Current: 1100A
Peak Current: 2200A

Figure 14: Image of the Case of the Counterfeit BEATIT Models G22 Portable Energy-Stored Power Pack
Photo from the UL Public Notice 20PN-12

Figure 15: Image of the Counterfeit BEATIT Models G22 Portable Energy-Stored Power Pack
Photo from the UL Public Notice 20PN-12

Figure 16: Label of the Counterfeit BEATIT Models G22 Portable Energy-Stored Power Pack
Photo from the UL Public Notice 20PN-12

Figure 17: Image of the Box of the Counterfeit BEATIT Models VBP101 Portable Energy-Stored Power Pack
Photo from the UL Public Notice 20PN-12

Figure 18: Image of the Box of the Counterfeit BEATIT Models VBP101 Portable Energy-Stored Power Pack
Photo from the UL Public Notice 20PN-12

Figure 19: Label of the Counterfeit BEATIT Models VBP101 Portable Energy-Stored Power Pack
Photo from the UL Public Notice 20PN-12

PRODUCT RECALLS FROM THE CPSC

It is recommended that any recalled equipment be replaced with equipment that is part of the recall.

Potter Electric Recalls Addressable Pull Stations Single/Dual Action Due to Failure to Alert to Fire

Potter Electric Signal Company, LLC, of St. Louis, Mo. Is recalling its addressable pull stations (see Figure 20). The pull handle on some units can fail to activate the fire alarm system when manually pulled, posing a risk of failure to alert consumers to a fire. When manually pulled, these red-colored devices are intended to activate a fire alarm in commercial and other buildings.

Recalled models include:

(1) Potter Electric Addressable Dual Action Pull Station, Model PAD100-PSDA, Part Number 3992720, with a date code Dec 03 2020

(2) Potter Electric Addressable Single Action Pull Station, Model PAD100-PSSA, Part Number 3992721, with date codes Nov 10 2020, Nov 25 2020, Dec 01 2020, and Dec 03 2020

Potter is printed on the front of all devices. The date code is located inside the device.

Figure 20 Potter Electric Single/Dual Action Addressable Pull Stations
Photo from the Potter Electric Signal Company, LLC Website

Consumers should immediately contact Potter Electric or their fire alarm system dealers/installers for a free replacement. All known Potter Electric distributors and dealers/installers have been notified directly by the firm. Potter Electric at 800-325-3936 from 8 a.m. to 5 p.m. CT Monday through Friday, or online at www.pottersignal.com and click on “Recall Information” at the top of the page for more information.

If you have a question or comment on these items or any questions on research projects, counterfeit equipment or material, recalled products, product safety notices, or product concerns, please contact Peter Willse, Vice President – Director of Research, 100 Constitution Plaza, Hartford, CT 06103, phone: +1 (1) 860 293-7900, or peter.willse@axaxl.com.