July 13, 2015

Product Safety Alert

Update

UL Public Notices (referenced in the text below) are now located at the new address:
http://ul.com/newsroom/publicnotices/

The following fire resistant cables referenced in the Alert published in 2012 are now certified by ULC to the applicable Canadian standard (CAN/ULC-S139) as "Electrical Circuit Integrity Systems":

1. Marmon Wire and Cable Inc., Trademark and/or Tradename: "RSCC", "VITALink"
   VITALink MC Brand Type MC for use in System No. FHITC.120 when installed in accordance with manufacturer's installation instructions dated May 2015 as specified in the certification record, are now officially recertified by ULC for Canada and listed on the ULC directory as fire-resistive cable with 2-Hour fire rating.
   For more information about VITALink MC Brand Type MC, follow these links to see ULC certification directories:
   FHJRC.R15365– Fire-resistive Cable and FHITC.120 - Electrical Circuit Integrity Systems

2. Pentair Thermal Management Canada Ltd. Trademark and/or Tradename: "PYROTENAX"
   Pyrotenax Brand Model System 1850 Type MI (Mineral Insulated) for use in System No. FHITC. 1850 when installed in accordance with instructions dated May 2013 are officially recertified by ULC for Canada and listed on the ULC directory as fire-resistive cable with 2-Hour fire rating.
   For more information about Pyrotenax Brand Type MI, follow these links to see ULC certification directories:
   FHJRC.R11251 Fire-resistive Cable and FHITC.1850 Electrical Circuit Integrity Systems

Note: Ratings specified in the certification records apply only to the entire system assembly, constructed using the combination of components and materials specified in the individual system.

October 29, 2012

ESA Notifies Contractors about Fire Resistant Cables – Manufacturers are no longer authorized to place the cUL mark on fire resistant cables

Electrical Safety Authority is notifying public that that as of Sept 12, 2012, manufacturers of fire resistant cables, certified by Underwriters Laboratories Inc. (UL), are no longer allowed to place the cUL mark on fire resistant cables. UL has determined that these cables do not consistently achieve a two-hour fire-resistive rating when subjected to the standard Fire Endurance Test of ULC-S139. For more information,

please follow this link to see *"UL and ULC announce important changes to certification programs (Release 12PN-51)",* www.ul.com/global/eng/pages/corporate/newsroom/publicnotices

UL certification directory (FHJRC) that includes fire resistant cables certified to ULC-S139 is deleted and the following manufacturers and cable models are affected:

Manufactured by:	**Description / Models:**
Comtran Cable LLC	Fire resistant cable / Vitalink FAS 105) (Non-shielded and Shielded)
Draka Cableteq USA Inc	Fire resistant cable / Lifeline FAS (CIC) (Unshielded and Shielded)
	Fire resistant cable / Lifeline R90 (RHH, RHW), Unshielded
RSCC Wire & Cable LLC	Fire resistant cable / Vitalink FAS 105 (Non-shielded and Shielded)
	Fire resistant cable / Vitalink R90/RW75
	Fire resistant cable / Vitalink MC
Pentair Thermal Management (formerly Tyco Thermal Controls (Canada) LTD)	**(*)** Copper sheathed, copper conductor, MI power cables / System 1850
	Stainless steel sheathed, nickel conductor, MI power cables / System 2200
	Fire resistant cable / Raychem CI (Non-Shielded and Shielded)
	Fire resistant cable / Raychem RHW
	Fire resistant cable / Raychem MC

Direction:

- In Ontario, for projects under construction where an application for inspection was submitted prior to **October 15th 2012, it is permitted to continue using the fire resistant cables** listed above (previously specified in UL certification directory FHJRC).
- **(*)** In addition to the above direction, **MI (mineral-insulated) cables / System 1850**, Pyrotenax brand, manufactured by Pentair Thermal Management (formerly Tyco) are permitted in Ontario as fire resistant cables until **December 31st 2012.** This permission is issued under the condition that by December 31st 2012, MI cables will be re-certified without changes in product design, construction or installation methods.
- Some of the cables and models listed above are certified to other applicable Canadian standards; for example, as fire alarm and signal cables (marked as FAS) certified to CSA standard C22.2 No. 208. These cables are permitted to be used for the intended purpose, where a two-hour fire-resistive rating is not required.
- Please, consult Ontario Building Officials for compliance to the Ontario Building Code requirements related to fire resistant cables, for more information, follow this link to see *"CodeNews Issue 208 - Underwriters Laboratories (UL) Suspends Certification Program for Electrical Conductors",* http://www.mah.gov.on.ca/Page8778.aspx