



## Advisory

April 21, 2016

Subject:

Two-hour fire rated cables

## Background:

In September 2012, standard ULC-S139 cables failed a two-hour fire endurance test. As a result, all cables that were certified to this standard lost their approval. Manufacturers are now producing cable products approved for the Canadian market, suitable for the part 1 Canadian Electrical Code requirements and that meet the two-hour fire rating requirements. The City of Calgary continues to recognize all products tested and approved to the appropriate standards and bears a certification mark recognized by the Standards Council of Canada.

## Advisory:

Designers and installers sourcing a new product must ensure that the product is approved for the application. Consult the manufacturer's instructions and product information before installation, to ensure proper cable installation. Proper installation will ensure that the cable does not fail during a catastrophic fire event.

Certain products may require specific hardware such as cable glands, clamps and supports to maintain the two-hour fire rating of the complete assembly. Standard hardware may be inappropriate for these cable assemblies and may cause a cable assembly failure during a catastrophic fire event.

## Note:

For a list of cables that have been tested and approved to the appropriate standards, view [the Underwriters Laboratories of Canada's database](#).

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