ULC Standards Report to Canadian Homebuilders Association – Technical Research Committee

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  This was published as a Second Edition National Standard of Canada in February, 2009. A ballot for an Amendment to re-instate Type 4 Pouring Wool was also published during April, 2012. The Task Group is also considering a ballot for a full new edition during 2012 to introduce a new Type of Blowing Wool for high-slope/wall applications.

  This was published as a Second Edition ULC Standard in February, 2010. The Task Group is considering a ballot for a new edition during 2012 to introduce a new Type of Blowing Wool for high-slope/wall installations.

  These four Standards were published as Second Edition National Standards in December, 2011.

  This was published as a Second Edition National Standard of Canada in August, 2011. The EIFS Task Group is currently conducting a review so as to prepare a ballot that will address concerns raised by a Task Group of the NBC Standing Committee on Environmental Separation.
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- CAN/ULC-S717.1 Standard for Flat Wall Insulating Concrete Form (ICF) Systems.
  This Standard was published as a First Edition National Standard of Canada in February 2012.

- CAN/ULC-S740 Test Method for Determining Air Permeance of Air Barrier Materials and Air Leakage Rate of Air Barrier Assemblies.
  The text of this new Standard is still being prepared by the relevant Task Group and has not yet been proposed for a Committee ballot.

  The VOC emissions test method described in this Standard is cited by several spray polyurethane foam Standards. It was published as a Second Edition National Standard of Canada in April, 2009. ULC Standards are aware that a second method of detecting and measuring VOCs is under discussion as an alternative or supplement to the current method, and that this may result in an early ballot and publication of the Third Edition, in advance of the conventional re-publication date of April, 2014.

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  The Task Group is currently conducting a review of the standard and will be working towards developing a fourth edition.

- CAN/ULC-S109-03 Flame Tests of Flame-Resistant Fabrics & Films
  The Task Group is currently conducting a review of the standard and in the process of resolving comments received during the ballot for the approval of the Second edition.

- CAN/ULC-S110-07 Standard Methods of Tests for Air Ducts
  This Standard was recently approved by the Committee for publication as the Fourth edition. It is anticipated to be published by July 2012.

- CAN/ULC-S111-07 Standard Method of Fire Tests for Air Filter Units
  A Committee ballot has been sent out on the draft standard of the Fifth edition. Public Comment will be open until June 30, 2012.

- CAN/ULC-S134-92 (R1998) Fire Test of Exterior Wall Assemblies
  The Task Group is currently conducting a review of the standard and in the process of resolving comments received during the ballot for the approval of the Second edition.
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- CAN/ULC-S636, Standard for Type BH Gas Venting Systems
A Subcommittee of the ULC Committee on Factory-Built Fireplaces, Chimneys and Vents is developing a new edition of this Standard. A task group meeting on this new edition was held in February 2012. The new edition will align terminology of the Standard to that found in the gas fired appliance standards and gas code. This Standard is called up in a number of codes. This new edition will be published in 2012.

- CAN/ULC-S674, Standard for Unvented Alcohol Burning Decorative Appliances
A Subcommittee of the ULC Committee on Factory-Built Fireplaces, Chimneys and Vents is developing the first edition of this Standard. This Standard is using as the seed document ULC/ORD-C627.1 Unvented Ethyl Alcohol Burning Decorative Appliances. It is intended that this standard will be published in 2012.

The ULC Committee on Solid State Lighting (SSL) developed the First Edition of ULC-S8752, Standard for Organic Light Emitting Diode (OLED) Panels and it was published in April 2012.

- ANSI/UL-8752/CAN/ULC-S8752, Standard for Organic Light Emitting Diode (LED) Panels
The binational standard developed by a joint committee of UL and ULC Standards has developed the first edition of 8752. It will be published in 2012.

For additional information about these standards and current Committee work, please contact:

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- CAN/ULC-S531-02, Smoke Alarms
An amendment to this Standard was published in February 2011 to address new provisions in the 2010 National Building Code of Canada (NBCC). In particular, major changes address inclusion of a hush feature; battery back-up; and temporal sound pattern, including combination temporal/voice signal.

In the meantime, ULC is progressing with the development of a bi-national (US/Canada) standard on smoke alarms. Considerable time and effort is being invested by the US/Canadian stakeholders in ensuring that the ULC
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Needs of both countries are being addressed. This project is an industry driven effort that is sponsored by the National Electrical Manufacturers Association (NEMA).

This Standard is referenced in the 2010 edition of the NBCC and the National Fire Code of Canada.

For additional information about these standards and current Committee work, please contact:

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-CAN/ULC-S553-02, Installation of Smoke Alarms
ULC is currently developing the Third edition of this standard, partly in response to the release of the 2010 National Building Code of Canada. This standards specifies the maximum number of smoke alarms that can be interconnected on an electrical branch circuit, which is the number specified by the smoke alarm manufacturer and that the interconnected smoke-alarm must be compatible. It also states that smoke alarms are not to be installed in dead air spaces. where to install smoke-alarms on sloped ceilings or ceilings with beams, that smoke alarms installed in basements are to be located near the stairs, that smoke alarms are not to be installed in garages, and recommends that smoke alarms be replaced every 10 year.

This Standard is referenced in the 2010 edition of the NBCC and the National Fire Code of Canada.

-CAN/ULC S552-02, Maintenance and Testing of Smoke Alarms
ULC is currently developing the Second edition of this standard in order to complement CAN/ULC-S531 (Standard for Smoke Alarms), CAN/ULC-S553 (Standard for Installation of Smoke Alarms), and to address changes in the 2010 National Fire Code of Canada.

The requirements include testing and inspection of smoke alarms, secure mounting of smoke alarms and that they are not obstructed, and if interconnected that the interconnect function works. The standard requires ac powered smoke alarm units are to be tested after changes to the electrical system in the dwelling. It also includes tests for battery operated types.

This Standard is referenced in the 2010 edition of the National Fire Code of Canada.

CAN/ULC-S540-M86, Installation of Residential Fire Warning Systems

This Standard covers the requirements for the installation of residential fire warning systems for use within dwelling units. A Second Edition of this standard is currently being developed with the goal to have this published by December 2012, and referenced in the 2015 codes.

ULC-S545-02, Residential Fire Warning System Control Units
The Standard covers requirements for residential fire warning system control units and accessories intended to be installed in accordance with the Standard for the Installation of Residential Fire Warning Systems, CAN/ULC-S540.
A Third Edition of this standard is currently being developed.

**CAN/ULC-S588, Gas and Vapour Detectors and Sensors**
The ULC Subcommittee on Smoke and Heat Detectors and Alarms (ULC-S500F/SC3) is currently developing a new standard, 1st Edition CAN/ULC-S588, Standard for Gas and Vapour Detectors and Sensors. This project is under the purview of the ULC Committee on Fire Alarm and Life Safety Equipment and Systems.

**CAN/ULC-S589, Standard for Single and Multiple Station Heat Alarms**
The ULC Subcommittee on Smoke and Heat Detectors and Alarms (ULC-S500F/SC3) is currently developing a new standard, 1st Edition CAN/ULC-S589, Standard for Single and Multiple Station Heat Alarms. This project is under the purview of the ULC Committee on Fire Alarm and Life Safety Equipment and Systems.

For additional information about these standards and current Committee work, please contact:

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**CAN/ULC-1002, Guideline on the Fire Commissioning Process**
The ULC Subcommittee on Commissioning (S500F/SC6) is currently working on a brand new standard, CAN/ULC-S1002, Guideline on the Fire Commissioning Process. This project is under the purview of the ULC Committee on Fire Alarm and Life Safety Equipment and Systems.

**CAN/ULC-1003, Recommended Practice for Acceptance Testing of Active Fire Protection and Life Safety Systems**
The ULC Subcommittee on Commissioning (S500F/SC6) is currently working on a brand new standard, CAN/ULC-S1003, Recommended Practice for Acceptance Testing of Active Fire Protection and Life Safety Systems. This project is under the purview of the ULC Committee on Fire Alarm and Life Safety Equipment and Systems.

The ULC Subcommittee on Commissioning (S500F/SC6) is currently working on a brand new standard, CAN/ULC-S1004, Recommended Practice for Acceptance Testing of Passive Fire Protection and Life Safety Systems. This project is under the purview of the ULC Committee on Fire Alarm and Life Safety Equipment and Systems.

For more information about these standards and current committee work, please contact:

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