ISO 10377, Guide to Suppliers: National Adoption of Canada

WEBINAR

July 26, 2016
Agenda

• Introduction to UL
• UL Standards
• Canadian Adoption of ISO 10377
  ➢ Background
  ➢ Overview of Standard
  ➢ Objectives & Goals
  ➢ Process & Methodology
  ➢ Topic Areas
  ➢ Workplan/Timelines
  ➢ Collaborative Standards Development System (CSDS)
  ➢ Considerations
  ➢ How to get Involved?
  ➢ Assistance

• Questions and Discussion
UL’s History –
Chicago World’s Fair 1893
Fire at the Palace of Electricity

The Chicago Daily Tribune, Final

INSURERS THREATEN TO STOP EXHIBITION!
UL – Global Market Access

UL is a global, 120+ year-old testing, inspection, and certification (TIC) organization that provides a range of services that help companies make and market safe, innovative and more sustainable products and services.
The Definition of Safety is Evolving
And so is UL

Safety is evolving. Complex issues of today have replaced concerns of the past. And the safety landscape of tomorrow is yet to be defined.

- Chemicals
- Food and water
- Infrastructure
- Initial adoption of electricity
- Medical devices
- Nanotechnology
- New sustainability breakthroughs
- Renewable energy
- Wireless integration
UL STANDARDS
UL Standards Development - Overview

- UL Standards is part of Underwriter’s Laboratories Inc., a **not-for-profit** entity with a public safety mission.

- UL has been developing standards for **over 110 years** (since 1903).

- UL has published more than **1,614** current and active standards and Outlines of Investigation across the UL Family of Companies.
By the Numbers 2015

1,614
CURRENT
STANDARDS
PUBLISHED BY THE UL FAMILY OF COMPANIES

Approximately
14,000
CSDS USERS
COLLABORATIVE STANDARDS DEVELOPMENT SYSTEM

30+
COUNTRIES
REPRESENTED ON STPs AND COMMITTEES

62
DEDICATED
STANDARDS PROFESSIONALS

OVER
3,200
Volunteers
ACTIVELY PARTICIPATING IN STANDARDS DEVELOPMENT

400+ ACTIVE STPs & COMMITTEES
DEVELOPING AND MAINTAINING STANDARDS
In February 2013, UL was accredited by the Standards Council of Canada (SCC) as a Standards Development Organization (SDO) for Canada.

Required to meet all Canadian requirements; audited annually by SCC on our processes.

Supports our Mission & commitment to public safety:

To develop and maintain standards that improve the safety of living and working environments around the world.
Consensus Development Process

• UL’s standards development process is accredited by both ANSI and SCC

• UL standards are developed through Standards Technical Panels (STP’s) and (Technical Committees)

• There is no cost to join UL STPs/ Technical Committees

• Procedures align with WTO TBT Agreement International standards principles for consensus, openness, and transparency
CANADIAN ADOPTION OF ISO 10377
Background

- Canada was a major contributor to the development of ISO 10377 – Canada held International TC Chair Position.

- Document seen as important to Canadian regulators and industry.

- At request of regulators, SCC issued Request for Proposal for the adoption of ISO 10377 as a National Adoption of Canada (NAC).

- UL bid and won contract.
ISO 10377 – Consumer Product Safety – Guidelines for Suppliers

• Developed in response to requirements around the world for suppliers to place only safe products on the market.

• Intended to fill a gap for suppliers due to:
  – limited experience;
  – few available resources; and
  – lack of a practical reference document explaining the process.

• Standard provides practical guidance for suppliers of all sizes.

• Intended for SMEs and suppliers that do not design or produce products, but are still responsible for their safety.
Desired Outcomes/Goals

This standards project has two main objectives:

1. To *pilot a virtual standardization project*, as a means of:
   - reducing barriers to access;
   - providing a more open and transparent process;
   - achieving a more timely, efficient and innovative process;
   - increasing engagement beyond traditional experts; and
   - ensuring cost efficiencies in adopting ISO 10377 for Canada.

2. To *adopt ISO 10377 for use in Canada* incorporating necessary Canadian national differences (if any) with a particular focus on small and medium sized enterprises (SMEs).
Traditional Standards Development Lifecycle

- **Stage 00**: Proposal
- **Stage 20**: Preparatory
- **Stage 30**: Committee
- **Stage 40**: Enquiry
- **Stage 50**: Approval
- **Stage 60**: Publication
Virtual Process Methodology

- Traditional development methodology with modifications will be used:
  - virtual process using social media / online channels to solicit engagement in addition to targeted key stakeholder engagement;
  - Channels include crowdsourcing, microblogging, social media, virtual forums and communities, and other technologies;
  - comments will be collected virtually using the UL Online Collaborative Standards Development System (CSDS) platform;
  - broad, ongoing engagement of interested stakeholders rather than forming a specific technical committee;
  - standard will undergo a preliminary review immediately to identify possible Canadian national differences;
  - Standard will be balloted by those who participated, with a focus on maintaining a balance of interests;
  - Reduced timelines given virtual nature of process to realize efficiencies;
Process Flow Chart

- Comments Topic 1: General
- Comments Topic 2: Design/Production Safety
- Comments Topic 3: After-market Safety
- Comments Topic 4: SMEs
- Comments Topic 5: Risk

Revise Standard

Ballot (those who participated)

Public Review
Communication Strategy

**OUTREACH**
- Crowdsourcing
- SCC Connect
- GoToMeetings
- Virtual Forums
- UL.com site
- Partnering w/ Sponsor
- Press Releases
- LinkedIn
- Twitter
- Direct messaging

**ENGAGEMENT**
- Crowdsourcing
- Social media
- Virtual forums
- Webinars

**COLLABORATION**
- Online via UL CSDS and public outreach
- Public Review/Consensus

Broad and targeted outreach of stakeholders and potential audience sources

Engage audience toward participating in reviewing & collaborating on ISO standard

Online via UL CSDS and public outreach
To facilitate participation, the standard is sub-divided into Parts (or topic areas).

Intended to solicit targeted feedback and encourage participation by subject matter experts and stakeholders, with specific interest or expertise.

Submit comments regarding:
- A specific topic area;
- Several topic areas; or
- The entire document

**Topic Areas:**

**Topic 1:** General (Scope, Definitions, Principles, General Requirements)

**Topic 2:** Design & Production Safety

**Topic 3:** After-market Safety

**Topic 4:** SME Information & Guidance

**Topic 5:** Risk evaluation & Product Safety Management
Work Plan for CAN/UL10377

1. Develop SCC approved Methodology and Communications strategy

2. Identify key stakeholders and online channels for engagement.

3. Open Work Areas in CSDS to facilitate review and virtual collaboration.

4. Execute communications strategy--ongoing.

5. Webinar to explain process, timelines, scope and work plan for Virtual STP.


7. Work with Regulator referencing standard to review / resolve comments.


9. Further steps as required by SCC and UL regulations.

10. Standard issued.
**GOAL:** Review and publish ISO 13077 as a National Adoption of Canada (NAC) using a virtual adoption process

**Milestone dates to get there:**

- Project Start Date: April 2016 Complete
- UL submit *Notice of Intent* to SCC: Complete
- Develop Methodology and Communication Strategy: Complete
- Determine Sub-topics to facilitate targeted participation: Complete
- Compile list of Canadian stakeholders to engage: Complete
- Use online channels to solicit broad engagement: Ongoing
- Send letters to impacted Canadian stakeholders: Complete
- Hold Webinar regarding process: Today
- Virtual Preliminary Review by anyone interested: Ongoing Deadline Aug 19
- Resolve Preliminary Review Comments: August – Early September
- Public Review (30 days): Ongoing Sept – Oct
- Ballot opens (30 days): September - October
- Resolve Comments: mid October
- Submit to SCC for approval: End October
- Standard Published: Nov / Dec 2016
Collaborative Standards Development System (CSDS)

- CSDS is UL's web-based standards development tool used to submit proposals, commenting, and voting
- CSDS is available 24/7
- Open to anyone interested in UL's standards development process
- All proposals are viewable by any CSDS user; making UL’s process fully transparent
Collaborative Standards Development System (CSDS)

- Proposal System
- Online Balloting
- Collaborative Standards Development System (CSDS)
- Online Publishing
- Comment Resolution and Tracking
- Online Commenting
- Revising Processes/Tools to Provide Efficiencies in Standards Development Work
THINGS TO CONSIDER
WTO TBT Agreement Obligations

- The World Trade Organization (WTO) and the WTO Technical Barriers to Trade Agreement (TBT Agreement) place obligations on Standards Development Organizations (SDOs).

- Standards developed, adopted and published by SDOs must:
  - support global trade and
  - must be globally relevant.

- The development and/or adoption of a standard that fails to meet WTO requirements is open to being challenged as creating a barrier to free trade.
Characteristics of a Globally Relevant Standard

1. Effectively respond to regulatory and market needs (in the global marketplace);

2. Respond to scientific and technical developments in various countries;

3. Not distort the market;

4. Have no adverse effects on fair competition;

5. Not stifle innovation and technological development;

6. Not give preference to characteristics or requirements of specific countries or regions when different needs or interests exist in other countries or regions;

7. Be performance-based as opposed to design-prescriptive.

Source: Document G/TBT/1/Rev.8, formerly referred to as Annex IV to the Second Triennial Review of the Technical Barriers to Trade Agreement.
International Decisions on Global relevance

*Fundamental rationale for national differences in international standards*

- Differences in legal and regulatory requirements
- Differences in technical infrastructures
- Differences in climatic conditions

*Source: IEC Council Board Decision on Global relevance*
How to get involved

1. Email **UL.StandardsSurvey@ul.com** and we will set you up with access to the CSDS materials of interest to you.

2. **Identify which part(s) of ISO 10377 you want to review:**
   - General (Clauses 1 – 4 and Annex A)
   - Design and Production Safety (Clauses 5 and 6)
   - After-market Safety (Clause 7)
   - Small and Medium Sized Enterprises (Annex B)
   - Risk (Annexes C and D)

3. Log into UL CSDS to review the document and submit comments. CSDS ensures an open and transparent process; all comments are visible to all participants.

4. You will be contacted to ballot the document once preliminary comments are reviewed.
Information about Participation

More information on participation and the virtual approach can be found on the UL website:

http://ulstandards.ul.com/downloads/canadian-national-adoption-of-iso-10377/ (English)


If you have any questions regarding this project, please feel free to contact us at UL.StandardsSurvey@ul.com.
ASSISTANCE WITH USING CSDS

At any time you can obtain guidance regarding CSDS:

On YouTube at:

- What is CSDS?
  
  https://youtu.be/1pqqML2BiLo?list=PL19IE6OEt6UedLL6bpYCzJEh_5pYxuSh9

- Submitting a Proposal Request in CSDS
  
  https://youtu.be/0_TMA50dDPE?list=PL19IE6OEt6UedLL6bpYCzJEh_5pYxuSh9

- Viewing Proposals in CSDS
  
  https://youtu.be/0_TMA50dDPE?list=PL19IE6OEt6UedLL6bpYCzJEh_5pYxuSh9

- Voting and Commenting in CSDS
  
  https://youtu.be/rZmm0AgPyvw?list=PL19IE6OEt6UedLL6bpYCzJEh_5pYxuSh9

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