

SAFETY, SECURITY AND
SUSTAINABILITY FOR THE
LEGAL CANNABIS AND
CANNABIDIOL INDUSTRY



Empowering Trust™

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Your cannabis business is constantly evolving due to ever changing technology and multiple layers of regulatory requirements, both of which can impact your day-to-day processes. As your business and operations evolve, how you ensure the safety, security, and sustainability of your organization and the people that run it is a key driver of your success.

For the past 100 years, UL Canada has been providing a full suite of safety services including advisory services, testing, certification, inspection, audit and training to a wide variety of industries.

We now provide the cannabis market access to this complete set of service solutions across the entire supply chain. As a starting point, UL has published the first Standard developed specifically for the legalized cannabis industry in Canada – **“Safety of Premises, Buildings and Equipment Utilized for the Cultivation, Production and Processing of Cannabis” (CAN/ULC-S4400)**.





This Standard provides guidance to ensure the safety and security of buildings, facilities, and equipment utilized in the growing, processing/extracting, distribution and selling of legal cannabis. It contains three parts:

Part 1: Provides a minimum level of protection and safety of occupants, buildings and facilities, fire protection requirements and the means of egress.

Part 2: Provides minimum requirements for devices, equipment, and systems against the risks of fire, electric shock, injury to persons and explosion.

Part 3: Provides minimum requirements for the security of premises from intrusion and infiltration, as well as considerations for secure access and safe egress.

UL Canada and the cannabis supply chain

	 Grower	 Producer	 Distributor	 Retailer
Building, facilities and equipment	<ul style="list-style-type: none"> • Cannabis facility audit program • Fire and security alarm certification • Building inspections • Security/video inspections • Fire containment and suppression • Safe and vault inspections • Horticultural lighting testing and certification • Oil extraction equipment testing and certification • HVAC equipment testing and certification 		<ul style="list-style-type: none"> • Fire and security alarm certification • Security/video inspections • Safe and vault inspections 	<ul style="list-style-type: none"> • Cannabis facility audit program • Fire and security alarm certification • Building inspections • Security/video inspections • Fire containment and suppression • Safe and vault inspections
Growing and extraction/processing environments	<ul style="list-style-type: none"> • GMP audits • Supply Chain traceability 	<ul style="list-style-type: none"> • GMP audits • Supply Chain traceability • Packaging testing • Pesticide and contaminant testing 	<ul style="list-style-type: none"> • Supply Chain traceability 	
Environmental health	<ul style="list-style-type: none"> • Smart building solutions • Indoor air quality inspection and certification • Outdoor air quality 			
Technology efficacy	<ul style="list-style-type: none"> • Cyber security assessment services 			<ul style="list-style-type: none"> • Cyber security assessment services

How can UL Canada help with safety, security, and sustainability?

To begin, UL Canada offers the **Cannabis Facility Audit**, based on the very first national Standard for the cannabis industry – **CAN/ULC-S4400**.

The Cannabis Facility Audit is a wholistic audit of your buildings, facilities, and the equipment used within to ensure the safety and security of these areas – regardless of where you fit in the cannabis supply chain!

Our team will partner with your organization to conduct a complete, comprehensive audit of these areas and provide recommendations to address any gaps in compliance to Federal, Provincial or Municipal regulations.

Think of it as a single resource audit providing safety and security guidance to your business.



If you're involved with **GROWING**...

UL Canada can help you with the safety and security aspects of your buildings, facilities and their environments so you can stay focused on your day-to-day operations. Services offered can include:

- Cannabis Facility Audit Program
- Horticultural Lighting Testing and Certification
- Security System Inspections
- Fire Suppression Inspections



If you're involved with **PRODUCING/PROCESSING**...

Your operation is focused on the “science” of the industry – which brings its own unique challenges. While still focusing on your building and facilities, similar to a Grower, you need to concentrate on the operating processes that make your business successful. In addition to our Cannabis Facility Audit program, UL Canada offers you:

- Cannabis Facility Audit Program
- GMP Audits
- Seed-to-Sell traceability
- Plant Oil Extraction Equipment Testing and Certification
- HVAC/R Equipment Testing and Certification



If you're involved with **DISTRIBUTION**...

Unlike the distribution of other goods within a supply chain, the movement of cannabis and cannabidiol is scrutinized at multiple levels. Whether you're transporting goods between facilities, from a production facility to a retail environment or you're importing/exporting, a seed-to-sale chain of custody is required. UL Canada offers Supply Chain Traceability programs as well as:

- Cannabis Facility Audit Program
- Fire and Security System Inspections
- Video Security Inspections
- Safe and Vault Inspections



If you're involved with **RETAIL**...

“Retailers that are able to secure the supply chain, protect and analyze customer data, and promote public health and safety will be well positioned to achieve a competitive advantage.”¹ Physical retail locations will need to have effective, visible physical and cyber security measures to instill trust. Online retailers require a clear cyber security plan to ensure customers are confident ordering your cannabis products from your website. UL Canada provides the following programs:

- Cannabis Facility Audit Program
- Fire and Security System Inspections
- Building Inspections
- Video Security Inspections
- Safe and Vault Inspections

¹ “A society in transition, an industry ready to bloom: 2018 cannabis report” Deloitte, 2018

UL Canada services for the legal cannabis industry across the supply chain include advisory, testing, inspection, certification and audit.

Building and Safety Services	Retail and Product Services	Environmental Services	Lighting and HVAC Safety Services	Information Security	Energy and Power Technologies Safety Services
Cannabis Facility Audit Program	GMP Audits	Indoor Air Quality Testing	Horticultural Lighting Equipment Testing and Certification	Cybersecurity System Testing	Industrial Automation Equipment Testing and Certification
Fire and Burglar Alarms Certification	Hazard Analysis and Critical Control Points Services	Chemical Testing and Analytic Services	Photobiological Safety Assessments	Cybersecurity Assurance Program	Plant Oil Extraction Equipment Testing and Certification
Building Walls and Windows (Thermal/Air/Water/Structural)	Chemical and Analytical Services	Near and Zero Waste Validation	Performance Ingress Protection Testing	Gap Assessment	Industrial Automation Equipment Testing and Certification
Security/Video Building Inspection	In-Process Quality Checks	Circularity and Sustainability Audits	Ventilation Equipment Testing and Certification	Security Practices Review	
Emergency Communications System Testing	Supply Chain Traceability	Outdoor Air Quality Testing	Heating and Air Conditioning Equipment Testing and Certification	Wireless Communications Testing	
Fire Alarm Control Panel Inspections	Packaging Reviews	VOC Emissions Testing		3-D Secure Solutions	
Fire Extinguishers Inspection	Workplace Health and Safety Advisory Services	Product Emissions Certification			
Extinguishing System Inspections					
Sprinkler System Inspection					
CO/Gas Detector Inspections					
Smoke Alarm/Detectors					
Access Control Systems Inspections					
Biometric Devices Inspections					
Intrusion Sensors Inspections					
Safe/Vault Inspections					

About UL

UL brings clarity and expertise to the global market while empowering trust every step of the way to support the responsible design, production, marketing, and purchase of the goods, solutions, and innovations of today and tomorrow. UL works closely with a variety of diverse stakeholders to help make the industry safer by developing Standards and offering certification, validation, verification, inspection, testing, audits, and education to help companies navigate the growing complexities of supply chain management and market access.

If you need help, have questions or don't know where to start – contact us today!
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