

The Technical Standards and Safety Authority (TSSA) is Ontario's public safety regulator mandated by the Government of Ontario to enhance and enforce public safety. As a part of TSSA's Fuels Safety Program, we regulate the safe operation and required maintenance of all fuel burning appliances. TSSA licenses fuel facilities, registers contractors and certifies tradespeople who install and service equipment.

From safety inspections, engineering reviews and technical training to public education and outreach, TSSA is putting public safety first. Our vision is to be a valued advocate and recognized authority in public safety.

The majority of CO incidents in apartments come as a direct result of poorly maintained make-up air units.



CARBON MONOXIDE (CO) IN APARTMENTS AND CONDOS

Over 50% of carbon monoxide injuries and fatalities in Ontario occur in apartment buildings and condominiums across the province. These incidents can happen due to faulty heating systems shared by multiple units. And while water heaters, blocked venting and chimneys can be the culprit for these incidents, the majority of the incidents are caused by make-up air units. So how do we reduce the number of these incidents and ensure Ontarians stay safe? It starts from the ground up — and everyone has a part to play.

**IF YOU HAVE
QUESTIONS ABOUT
YOUR FUELS
RESPONSIBILITIES
AS A MULTI-UNIT
BUILDING OWNER,
PLEASE CONTACT
TSSA'S FUELS
TECH DESK AT:**

fuels_technical_services@tssa.org
or 416-734-2726

For any other questions, please
contact TSSA toll-free at
1-877-682-8772 or visit us online at
www.tssa.org
www.thesilentkiller.ca

Stay Connected



@TSSAOntario



TSSA - Technical
Standards & Safety
Authority



www.tssablog.org

Follow us to find out the latest news and safety standards.

Technical Standards and Safety Authority

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: 416-734-3300
Fax: 416-231-1626
Toll Free: 1-877-682-8772 (TSSA)
Email: customerservices@tssa.org
www.tssa.org

The Technical Standards and Safety Authority (TSSA) is Ontario's public safety regulator mandated by the Government of Ontario to enhance and enforce public safety. From safety inspections, engineering reviews and technical training to public education and outreach, TSSA is putting public safety first. Our vision is to be a valued advocate and recognized authority in public safety.

STAYING CARBON MONOXIDE SAFE

FROM THE GROUND UP



Putting Public Safety First





It is the building owner's and the **hired contractor's responsibility** to ensure repairs and maintenance **follow the manufacturer certified instructions.**

A TEAM EFFORT IN KEEPING TENANTS SAFER

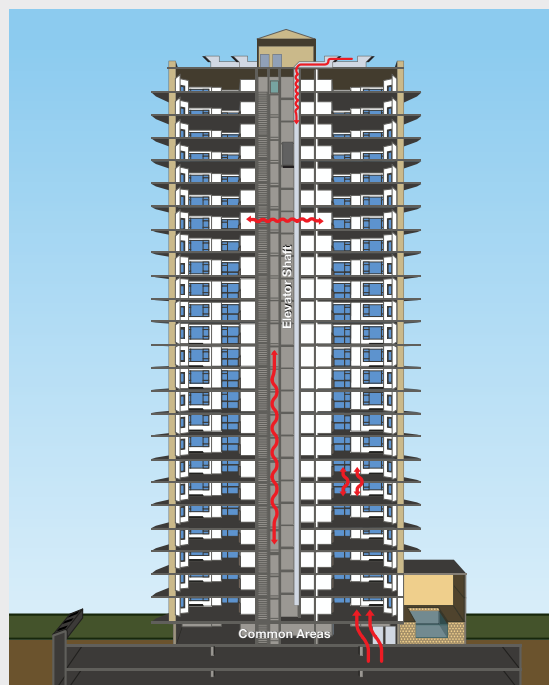
Approximately 63% of CO risk or incidents are due to fuel-burning devices which have not been properly maintained. This can result in the release of poisonous CO gas into a residence or public area within a building, an explosion or a fire. It is the responsibility of the building owner to schedule regular inspections and maintenance for the fuel-burning devices within your building in accordance with the TSS Act and all associated regulations. It is also the responsibility of any contractor working on a fuel-burning device in your building to ensure their work is completed according to regulations and the manufacturer's certified instructions posted on each and every device.

KEEPING THE CO RISK OUT OF YOUR BUILDING

As a resident of Ontario and a tenant in an apartment building, condominium or other multi-unit dwelling, you too can play a role in preventing CO incidents from happening.

CARBON MONOXIDE (CO) SAFETY ON MANY LEVELS

Death and injury due to carbon monoxide (CO) related incidents is one of the largest, widest reaching problems for Ontarians as it relates to the operating of fuel burning devices (make-up air units). The problem is most pronounced in multi-unit residences such as apartments and condominiums; in particular in common areas including community pools, gyms, social rooms and most noticeably, hallways. CO can make its way into many places in a building if it is released by an improperly maintained fuel-burning device.



MAKE-UP AIR UNITS

Over half of reported CO incidents in apartments and condominiums result from faulty make-up air units. As owners and contractors, it is your responsibility to ensure these devices are maintained under the manufacturer's certified instructions.

CO MOVEMENT

Like any gas, CO can easily find its way through any physical space. Following the arrows in the above illustration shows you just how many ways CO can make its way through a multi-unit dwelling and by doing so, impact the safety and well-being of so many.

How to keep the CO risk out of your building:

- Install and regularly test certified CO alarms.
- Report broken CO detector alarms in your residence to the building owner immediately.



Install and regularly **test certified Carbon Monoxide (CO) alarms.**

TSSA: KEEPING ONTARIANS SAFER

Ensuring public safety—it's the cornerstone that TSSA is built on. And while owners, contractors and residence play their parts in helping keep everyone safe, it's TSSA who enforces, inspects and advocates for the public. So, what are we doing to address the CO risk in apartments and condominiums?

ENFORCE AND INSPECT

As a part of our Apartments and Condominium Action Plan, TSSA has launched a multi-pronged program focusing on locations within the province of Ontario where past CO incidents have occurred. Beginning in early 2018, TSSA will be contacting over 100 locations which represent the greatest risk in terms of CO incidents and scheduling inspections of those locations' fuel-burning devices to ensure they have been properly maintained. Throughout the remainder of 2018, a targeted approach will take place to close out the plan.

ADVOCATE

Through our ongoing and highly visible Silent Killer CO Safety campaign (thesilentkiller.ca), TSSA has helped educate millions of Ontarians around the dangers of CO and what they can do to prevent related incidents in their homes. Our advocacy for all facets of TSSA's safety mandate, spans all media including digital, conventional print, social and direct outreach with the achieved goals of shared knowledge, education and awareness on the dangers of CO.