

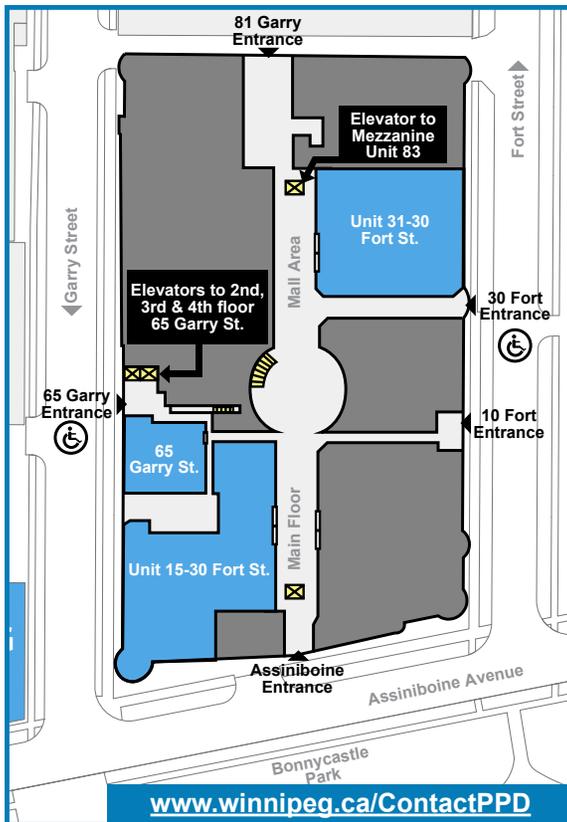


Planning, Property  
and Development  
Department

**In-Person Customer Service Hours:**

Tuesday to Friday: 8:30 am to 4:30 pm

All zoning, permits and plan examination services are available at Unit 31 - 30 Fort Street.



For more information contact:

204-986-5268

or



Planning, Property & Development Department  
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*Every effort has been made to ensure the accuracy of information in this brochure. In the event of a discrepancy between this booklet and the governing City of Winnipeg By-law, the By-law will take precedence.*

July 2018

# COMMERCIAL COOKING EQUIPMENT

General guidelines for the installation, alteration and maintenance of commercial cooking equipment exhaust and make-up air systems



These guidelines provide an overview of the City of Winnipeg requirements that pertain to ventilation control and fire protection of commercial cooking equipment. This brochure includes information on when permits are required and emphasizes owner/user responsibilities for the use and maintenance of equipment.

The technical requirements pertaining to commercial cooking equipment are referenced in:

1. The Manitoba Building Code, (MBC);
2. The Manitoba Fire Code, (MFC);
3. The Winnipeg Electrical By-law;
4. Natural Gas & Propane Installation Code, CAN/CSA - B149.1; and
5. National Fire Prevention Association (NFPA) 96, "Ventilation Control and Fire Protection of Commercial Cooking Operations".

The latter document provides technical requirements pertaining to the installation and maintenance of cooking equipment exhaust systems and includes the electrical requirements. NFPA 96 is referenced by both the Manitoba Building Code and the Manitoba Fire Code.

The application of NFPA 96 is concerned with the potential fire hazard of cooking operations, irrespective of the type of cooking equipment used.

## NEW INSTALLATIONS

### Do I require a permit?

Yes! A mechanical permit is required for new installations.

### Who can apply for a mechanical permit?

A mechanical contractor licensed with the City of Winnipeg can apply for a mechanical permit. See our online Mechanical Information Centre [winnipeg.ca/ppd/InfoCentre/MechanicalAndPlumbing/default.stm](http://winnipeg.ca/ppd/InfoCentre/MechanicalAndPlumbing/default.stm).

### Where does a mechanical contractor apply for a mechanical permit?

Apply at the Planning, Property and Development Department on the main floor, Unit 31- 30 Fort Street. You will then be referred to the mechanical plan examination staff.

### What information must be presented to obtain the mechanical permit?

Two copies of the mechanical system drawings must be presented, showing compliance with the MBC and NFPA 96.

### Do my drawings require the seal of a professional engineer?

Yes. All drawings shall be prepared, signed and sealed by a professional engineer entitled to practice in the Province of Manitoba and skilled in the appropriate type of work concerned.

### Are there any requirements for outdoor air to be introduced into food and beverage services seating areas?

Yes. The outdoor air requirements are referenced through the MBC for food and beverage services.

## EXISTING COOKING EQUIPMENT EXHAUST SYSTEMS

### ALTERATIONS

This means the repair, renewal, alteration or extension of the cooking equipment exhaust system.

### Do I require a permit?

Yes. A permit is required for alterations to existing cooking equipment exhaust systems.

### What information must I present to obtain the permit?

The information required is the same as for new installations.

**Note:** The use of existing or used equipment is subject to MBC "Used Materials, Appliances and Equipment." Used equipment needs to be certified by a professional engineer.

### If I want to relocate or change an appliance, do I require a permit?

No. A permit is not required for the change or relocation of appliances under an existing exhaust canopy (hood) unless the change or relocation includes gas fitting or electrical work, in which case gas and/or electrical permits would be required.

## MAINTENANCE

### Do I require a permit?

No. A permit is not required for maintenance of existing equipment exhaust systems.

### Who has the responsibility of care and maintenance of cooking equipment exhaust systems?

The owner or user of the facility is responsible for the care and maintenance of all existing systems.

## MAKE-UP AIR SYSTEM

### Do I require a make-up air system for my cooking equipment exhaust system?

Yes. The MBC and the NFPA 96 require that make-up air be provided for all exhaust systems.

### Should the make-up air be heated?

Yes. The MBC requires that when make-up air is introduced from outdoors to occupied parts of the building in the winter, a means of tempering the air to maintain the indoor design temperature shall be provided.

### Are the exhaust and make-up air required to be interlocked?

Yes. The MBC requires interlocking.

### How can I determine if my cooking equipment exhaust system has adequate make-up air?

An air balance test by a member of The Canadian Associated Air Balance Council can be used to verify adequate make-up air.

### How will I know if the maintenance of my system is adequate?

Contact your district Health Food Inspector and/or City of Winnipeg Fire Prevention Branch.

### How will I know if I am required to replace or up-grade an existing system or part of an existing system?

Contact the City of Winnipeg Fire Prevention Branch for their assessment at **204-986-6358**.

**Note:** Class K Fire Extinguishers are required for cooking oil fires.