

Gas Equipment Bulletin: Metal Liners in Masonry Chimneys

ITS 21-019

Rationale: To highlight existing requirements within the Manitoba Gas and Oil Burner Regulation that impose requirements for metal liners in certain masonry chimneys.

The Gas and Oil Burner Act requires that regardless of input, when gas burning equipment installed in day care facilities and residential buildings that house more than two families are vented into a masonry chimney, the masonry chimney may either be lined with an approved metal liner, or the owner may ensure that mandatory chimney inspection requirements are met.

All metal liners should be provided with an accessible clean-out that allows for inspection of the liner.

Specifically, under Section 47 of the Gas and Oil Burner Regulation.

- 47(1) The owner of a building in which a day care facility is operated, or of a residential building, other than a one or two family dwelling unit, heated by gas burning equipment vented through a masonry chimney, shall not operate or allow persons to operate the gas burning equipment unless;
- a) The chimney is equipped with a metal liner that conforms to CAN/ULC-S635-M90 “Standard for Lining Systems for Existing Masonry or Factory Built Chimneys and Vents” or,
 - b) The owner ensures that the requirements of Subsections 47(2) to 47(5) of the Gas and Oil Burner Regulation are met.
- 47(2) Gas burning equipment referred to in Subsection (1) may be operated if the chimney is inspected annually by a chimney sweep certified by the Canadian Wood Energy Institute and the following conditions are met:
- a) The chimney is equipped with a cleanout;
 - b) The owner ensures that the chimney sweep removes all debris from the chimney;
 - c) Where the chimney sweep informs the owner that he or she has reason to believe that any debris removed from the chimney is a result of chimney deterioration, the owner shall ensure that the chimney is swept and a scan by video camera is conducted to determine the condition of the chimney; and
 - d) Where, in the opinion of the chimney sweep, the scan reveals deterioration of the chimney, the owner shall immediately take steps to repair or replace the chimney or equip the chimney with a metal liner that conforms with the requirements of Subsection (1).

- 47(3) An owner shall ensure that a log book is provided for a masonry chimney inspected under Subsection (2) and a record of all inspections, maintenance and repairs is entered by the person carrying out the inspection, maintenance or repair.
- 47(4) An owner shall make a log book referred to in Subsection (3) available to an inspector upon request.
- 47(5) Where there is a dispute between an owner and a chimney sweep as to the condition of the chimney inspected under Subsection (2), the matter shall be referred to the Chief Inspector for determination and where the Chief Inspector is of the opinion that the chimney is not in satisfactory condition, the Chief Inspector shall give notice to the owner of any defects and the period of time within which the owner must correct the defects.