

## PROPOSED CHANGE

NBC05-DivB-09.13.04.02.(03)-add-HSB-new\_4\_hour\_criterion-A\_ed.doc

## MODIFICATION PROPOSÉE

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### Comment

### Commentaires

Document	NBC 2005 CNB	Document
Provision	A-9.13.4.2.(3)-add 2010	Exigence
Committee	ES-HSB Joint Task Group on Protection Against Radon Ingress	Comité
Minutes	HSB 2005-07	Procès-verbaux

### EXISTING PROVISION

None

### PROPOSED CHANGE

**Add new** Appendix Note A-9.13.4.2.(3) as follows:

**Other Code Provisions Affected: None**

**A-9.13.4.2.(3) Buildings Other Than Dwelling Units.** The criterion used by Health Canada to establish the guideline for acceptable radon concentration is the time that occupants spend inside buildings. Health Canada recommends installing a means for the future removal of radon in buildings that are occupied by persons for more than 4 hours per day. Sentence 9.13.4.2.(3) would therefore not apply to warehouses or spaces in buildings that are intended to be occupied for less than 4 hours a day. Addressing a radon problem in such buildings in the future, should that become necessary, can also be achieved by providing a means for increased ventilation at times when these buildings are occupied.

### RATIONALE

#### Problem

##### General

See the Summary of Significant Proposed Changes to NBC Parts 5, 6 and 9.

##### Technical

The current NBC requirements for radon mitigation do not apply to buildings other than dwelling units. No guidance is given as to when to apply radon mitigation requirements to buildings other than dwelling units.

#### Justification – Explanation

##### General

See the Summary of Significant Proposed Changes to NBC Parts 5, 6 and 9.

##### Technical

A proposed change to Article 9.13.4.1. introduces a requirement to protect buildings other than dwelling units from the ingress of radon by installing a means for the future removal of radon.

This proposed appendix note offers guidance based on which the need for protection against radon ingress in buildings other than dwelling units can be assessed at the time of construction.

This requirement is based on a recommendation in the Health Canada guideline. The guideline is referenced in a related proposed appendix note.

#### Cost implications

There are no cost implications for appendix notes as the information provided is meant as guidance only.

This appendix note clarifies to which situations a Code requirement should apply and may therefore reduce unnecessary costs associated with protecting buildings where this is not necessary.

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**Enforcement implications**

Appendix notes facilitate enforcement as they provide further information on Code requirements.

**Who is affected**

Designers, specification writers, and inspectors.

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**OBJECTIVE-BASED ANALYSIS OF NEW OR CHANGED PROVISION**

**Provision: A-9.13.4.2.(3)**

**Analysis: N/A**

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