

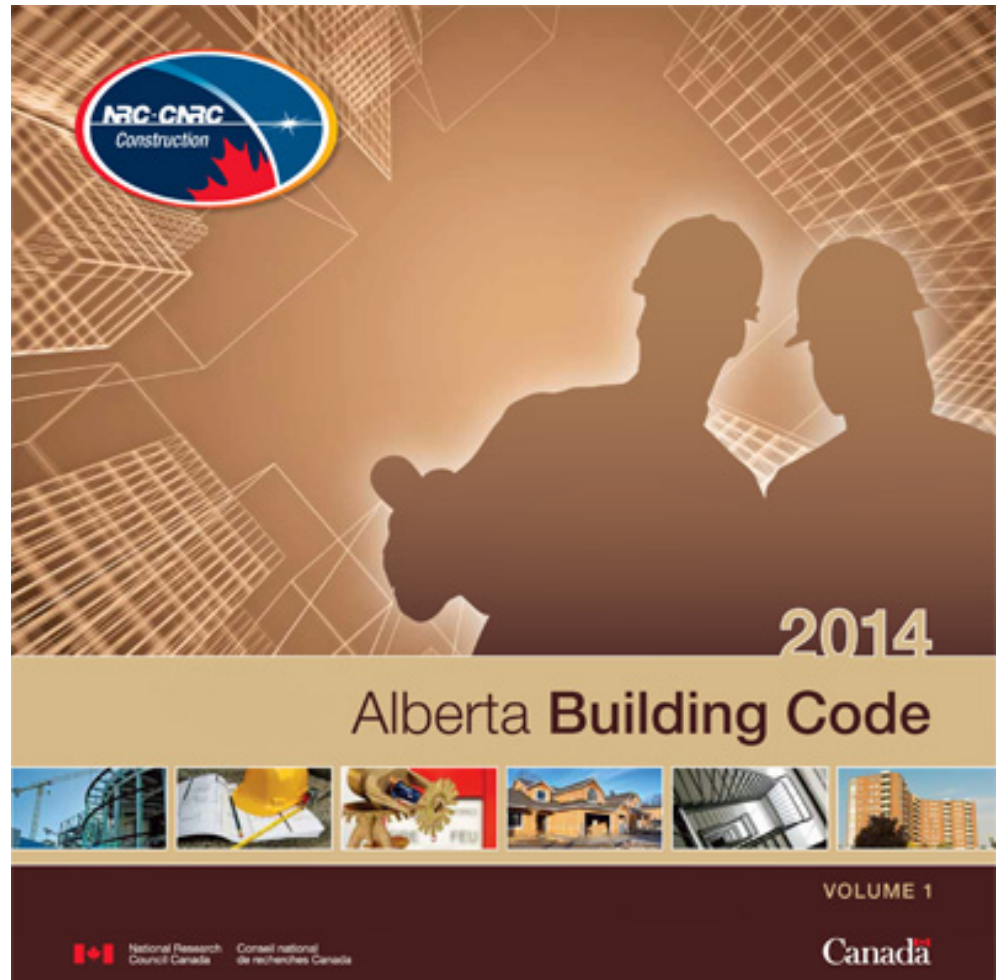
# 2014 Alberta Building Code

Implementation Date:

May 1, 2015

Transition Period End date:

**Nov. 1, 2015**



2014 Alberta Building Code  
Available for purchase at the  
National Research Council  
website

<http://www.nrc-cnrc.gc.ca/>

# Alberta Building Code 2014 – Question & Answer Topics

- Stairs, Landings, Handrails & Guards
- Window Wells
- Secondary Suites
- Smoke Alarms
- HIRF Changes (High Intensity Residential Fire requirements)
- Soil Gas Control (Radon Gas)
- Window, Door & Skylight Changes (NAFS Standard)

# NAFS

- From the 2014 Alberta Building Code:

## **9.7.4.2. General**

- 1)** Manufactured and pre-assembled windows, doors and skylights and their installation shall conform to
  - a) AAMA/WDMA/CSA 101/I.S.2/A440, "NAFS – North American Fenestration Standard/Specification for Windows, Doors, and Skylights" (Harmonized Standard),
  - b) CSA A440S1, "Canadian Supplement to AAMA/WDMA/CSA 101/I.S.2/A440, NAFS – North American Fenestration Standard/Specification for Windows, Doors, and Skylights,"
  - c) the remainder of this Subsection, and
  - d) the applicable requirements in Subsection 9.7.6.

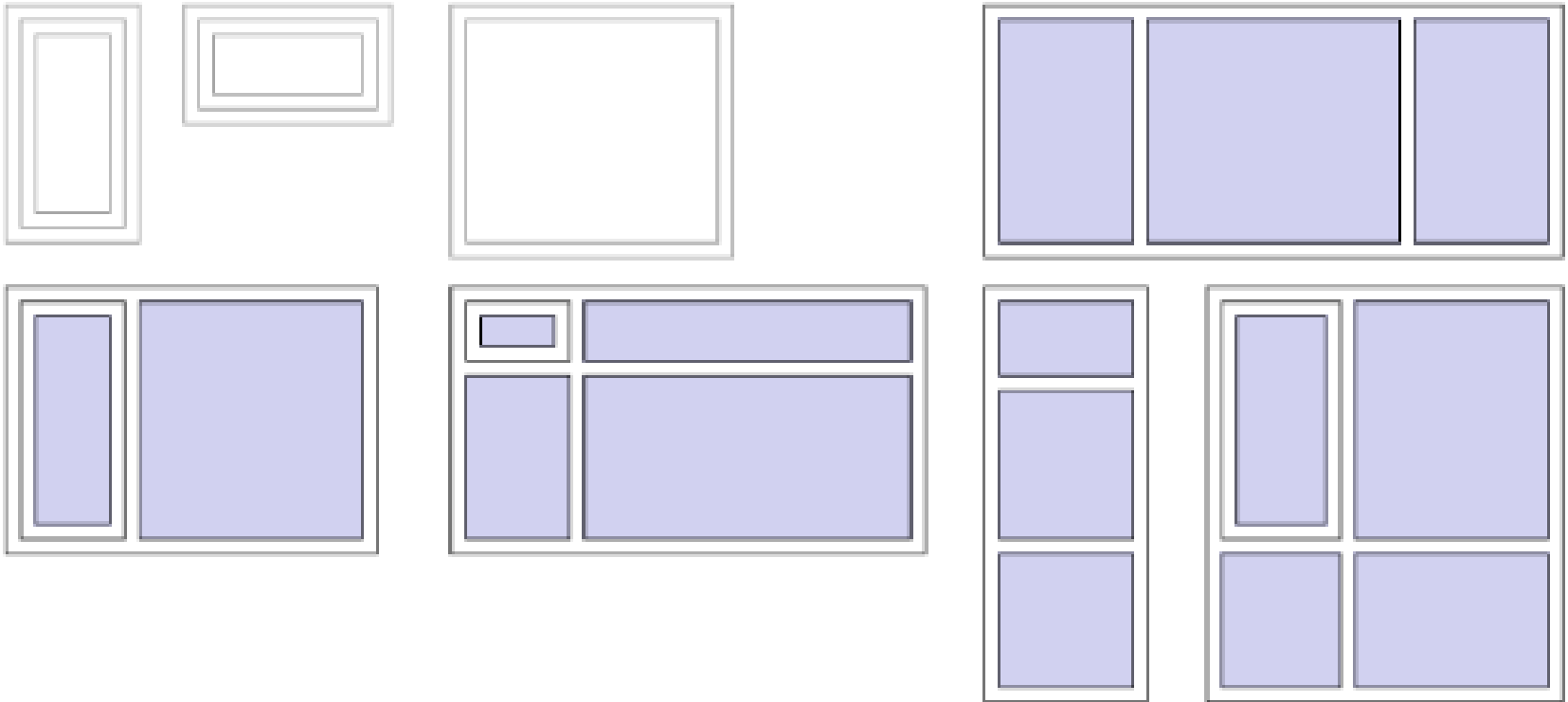
(See Appendix A.)

# North American Fenestration Standard (NAFS)

- Labels showing conformance with the NAFS standard must be on each exterior window, door and skylight at time of framing inspection.
- Labels can **not** be site applied
- Larger windows may not meet the requirements of NAFS – testing agencies unable to test larger assemblies at this time
- For more information on labeling see the NAFS labeling guidelines for Canada

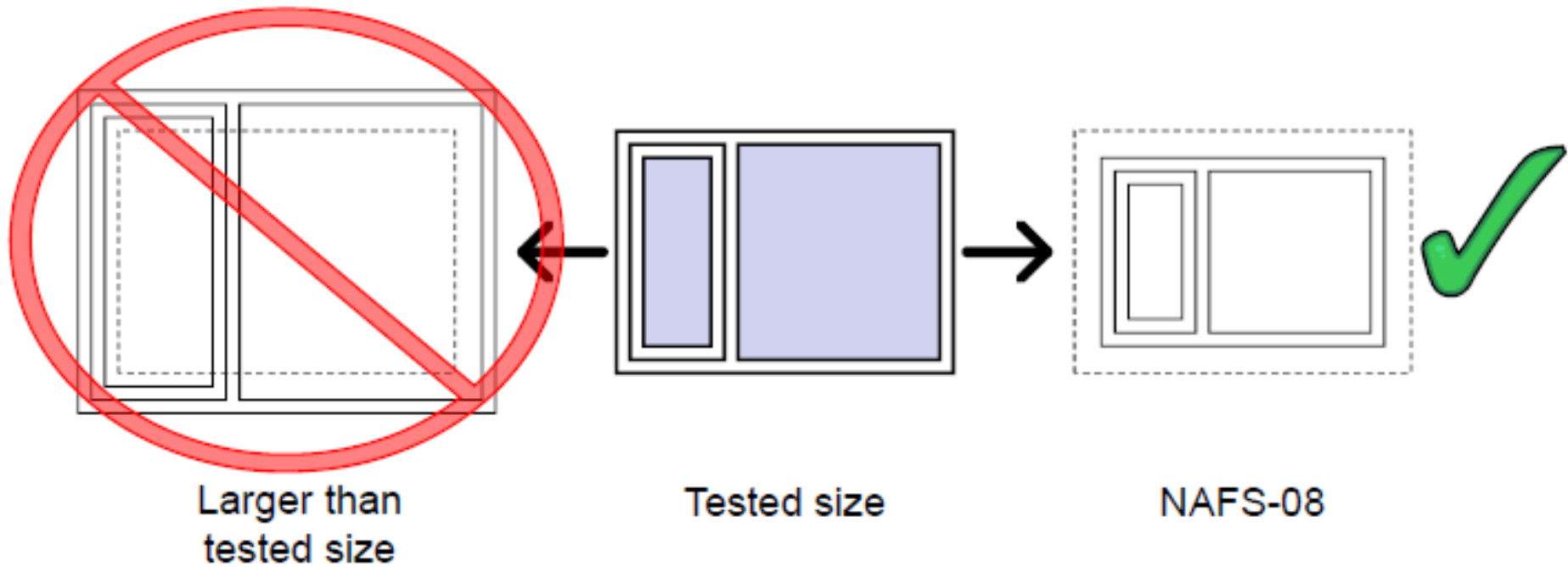
# NAFS

- Windows with two or more sashes, leaves, lites or sliding panels within a single frame must be tested as one unit





# NAFS

- NAFS and Canadian Supplement ratings apply only to tested size or smaller




# Examples of Window Labels showing conformance with the NAFS Standard

 National Fenestration Rating Council® <b>CERTIFIED</b>	Vista Series Windows  BUILDING PRODUCTS. BUILDING SUCCESS.	
	Vinyl <b>PICTURE</b> Glazing:	clear/179 4/4mm ARGON Low-E Grill CPD#: GBP-A-7-01056-00002
<b>ENERGY PERFORMANCE RATINGS</b>		
U-Factor <b>0.30</b> (U.S./IP)		Solar Heat Gain Coefficient <b>1.70</b> (Metric/SI)
		<b>0.50</b>
<b>ADDITIONAL PERFORMANCE RATINGS</b>		
Visible Transmittance <b>0.58</b>		—
<small>Manufacturer stipulates that these ratings conform to applicable NFRCC procedures for determining whole product performance. NFRCC ratings are determined for a fixed set of environmental conditions and a specific product size. NFRCC does not recommend any product and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information. <a href="http://www.nfrcc.org">www.nfrcc.org</a></small>		

NAFS	Vista Series Windows	NAFS
Class LC-PG75 Size tested 2000 x 2000 mm (79 x 79 in) - Type FW Positive Design Pressure (DP) = 3600 Pa (75.00 psf) Negative Design Pressure (DP) = 3600 Pa (75.00 psf) Water Penetration Resistance Test Pressure = 730 Pa (15.00 psf) Canadian Air Infiltration/Exfiltration = FIXED Level Conforms to AAMA/WDMA/CSA 101/I.S.2/A440-08 and A440S1-09		

241303	MONARCH HOMES	
17 PP-LOT 6	09/29/2015	0920
<b>PICTURE</b>		

NAFS	Vista Series Windows	NAFS
Class LC-PG75 Size tested 2000 x 2000 mm (79 x 79 in) - Type FW Positive Design Pressure (DP) = 3600 Pa (75.00 psf) Negative Design Pressure (DP) = 3600 Pa (75.00 psf) Water Penetration Resistance Test Pressure = 730 Pa (15.00 psf) Canadian Air Infiltration/Exfiltration = FIXED Level Conforms to AAMA/WDMA/CSA 101/I.S.2/A440-08 and A440S1-09		

AAMA/WDMA/CSA 101/I.S.2/A440-08 and CSA A440AS1-09 Class R – PG1440 (Metric) – Size Tested 800 x 1600mm Type C		
 Quality Air Institute®	Positive Design Pressure (DP)	1440 Pa
	Negative Design Pressure (DP)	-1440 Pa
	Water Penetration Resistance Test Pressure	330 Pa
	Canadian Air Infiltration/Exfiltration	A3 Level

**For more information on Radon and its removal, NAFS Window Standards or where to get further information on the Building Code Changes please see the links below:**

National Research Council

[http://www.nrc-cnrc.gc.ca/eng/publications/codes\\_centre/codes\\_guides.html](http://www.nrc-cnrc.gc.ca/eng/publications/codes_centre/codes_guides.html)

Health Canada website – Search Radon

<http://www.hc-sc.gc.ca/ewh-semt/radiation/radon/index-eng.php>

The Lung Association – Alberta

<http://www.ab.lung.ca/site/radon>

Canadian Home Builders' Association – Search Radon

<http://www.chbaalberta.ca/2014-alberta-codes>

NAFS Standards for Windows, Doors & Skylights

[http://rdh.com/nafs/nafs\\_in\\_canada\\_intro/](http://rdh.com/nafs/nafs_in_canada_intro/)