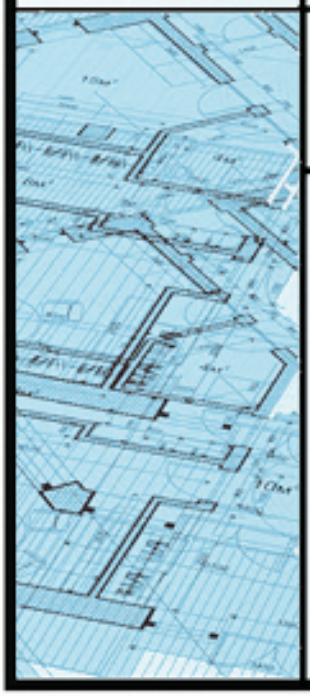
ANSI/AARST RRNC 2020 (Rev.10/22)

Rough-in of Radon Control Components in New Construction

of 1 & 2 family dwellings and townhouses

This standard is limited to construction activities only



AARST Consortium on National Standards

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RRNC

Rough-in of Radon Control Components in New Construction of 1 & 2 Family Dwellings and Townhouses

Scope Summary and Introduction

This standard provides minimum requirements for the rough-In of radon control system components in new dwelling units under construction. This standard is harmonized with ANSI/AARST CCAH, which additionally addresses activation of radon control systems, if required.

Updates for 2022

This 10/20 revision to RRNC adds a requirement for radon testing after construction is complete. While recommended for immediate use, the effective date for compliance with this standard is **July 1st, 2023**.

Significance of Use

This standard was developed to respond to the threat of cancer caused by radon gas in homes. Radon is the leading cause of lung cancer among nonsmokers and the second leading cause of lung cancer in the general population.[1] Most people receive their greatest exposure to radon in their homes. Radon in U.S. homes causes approximately 21,000 lung cancer deaths each year.[2] Be it at home, work or school, an individual's exposure to radon gas combines over time to increase the risk of preventable lung cancer.

Designation of this standard: RRNC

As used for catalogue identification, "RRNC" stands for Radon Rough-in for New Construction.

The Consensus Process and Continuous Maintenance

The consensus process developed for the AARST Consortium on National Standards and as accredited to meet essential requirements for American National Standards by the American National Standards Institute (ANSI) has been applied throughout the process of approving this document. This standard is under continuous maintenance by the AARST Consortium on National Standards.

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Website: www.standards.aarst.org Email: standardsassist@gmail.com

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[1] World Health Organization, "WHO Handbook on Indoor Radon: A Public Health Perspective" 2009

[2] National Academy of Sciences, "Biological Effects of Ionizing Radiation" (BEIR VI Report) 1999