



Washington State Building Code Council

Improving the built environment by promoting health, safety and welfare

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STATE BUILDING CODE OPINION NO. 24-15

CODE: 2021 International Mechanical Code

SECTION: 1109.2.5, 1109.3.2 and 1109.4.2, Refrigerant Piping Shaft Construction

QUESTION: The 2021 IMC and ASHRAE 15 do not specify acceptable means of construction for the interior surface of a rated shaft for refrigerant piping that is conveying outdoor air. Is it acceptable to construct the rated, vented shaft interior that is conveying the outdoor air with non-metallic duct construction such as fire-rated reinforced fiberglass wall panel shaft liner or similar materials?

ANSWER: **Yes. There is no specific requirement in the 2021 IMC Chapter 11, IBC Section 713, or ASHRAE 15 that requires a metallic surface to convey the outdoor air in a refrigerant piping rated shaft that requires venting.**

SUPERSEDES: None

REQUESTED BY: City of Bellevue