

Construction Industry Communication #043

From: Amit Ghosh, Chief Building Official

Re: Pedicure Station Installations

Date: August 17, 2015

Requirements:

Chapter 6 of the Ohio Plumbing Code (OPC) has specific requirements for backflow protection of the potable water supply system and Chapters 4 and 5 of the Ohio Mechanical Code (OMC) have specific requirements for ventilation and exhaust.

Memorandum:

The plumbing connections associated to pedicure stations represent high hazard conditions or situations and must be protected against backflow contamination as specified in Chapter 6 of the OPC. This Construction Industry Communication will address some of the typical configurations and what is acceptable for backflow protection.

Indoor air quality may be affected by contaminants from use of chemical compounds which are applied during a pedicure procedure. An exhaust system shall be designed to capture contaminants and odors at their source. Exhaust air shall discharge to the outdoors. A test shall be performed to verify the exhaust system functions as intended and contaminants are not recirculated within the structure.

Single Pedicure Station

- High hazard protection on the hot and cold water supply lines **AND**
- Source capture system capable of exhausting a minimum of 50 cfm

Multiple Pedicure Stations

- Each unit protected by high hazard device or,
- Hot and cold loop serving the pedicure stations protected by high hazard device and a minimum of an ASSE 1024 device on hot and cold at each station **AND**
- Source capture system capable of exhausting a minimum of 50 cfm per nail station