



**ICC 1210-202X edition
First Committee Action Report
on initial draft edition of the
ICC 1210 Standard**

**For Committee Actions taken on the
Public Input Agenda based on Sept, 23
2022 public input
and at the meetings held via Webex on
Sept 28, 2022 thru Oct 12, 2022**

2022 ICC 1210 – First Committee Action Report

Proposal #	Section Number	Date of meeting proposal considered	Committee Action	Notes
Chapter 8 ON-SITE INSTALLATION				
IS-OSMEP 08-01-22	805.1	10/12/22	AM	
Chapter 9 REFERENCED STANDARDS				
Multi-chapter proposals				

Chapter 1 ADMINISTRATION PROVISIONS

IS-OSMEP 01-02-22 ICC 1210 Section 101.3

Proponent: Randall Shackelford, Simpson Strong-Tie Co.

Revise as follows:

101.3 Provisions for Compliance. Where requirements are not provided by this standard, the applicable provisions of the construction codes adopted by the authority having jurisdiction (AHJ) for the location where the construction will be installed shall apply to the off-site construction. (first sentence)

Reason: It needs to be clarified which AHJ this is talking about, the AHJ where the off-site construction is taking place, or the AHJ where the construction is to be installed.

Committee Action: Disapproved. unanimous

Committee Reason: May create conflict between different states AHJs with local jurisdictions.

IS-OSMEP 01-04-22
ICC 1210 Section 104.3, items 3 & 4

Proponent:

IS-OSMEP 01-05-22

ICC 1210 Section 104.4

Proponent: Randall Shackelford, Simpson Strong-Tie Co.

Revise as follows:

104.4 Off-Site Inspections. Mechanical piping shall be tested in accordance with the IRC, International Mechanical Code (IMC) and applicable standards. This testing shall be witnessed by the inspector. All mechanical systems shall be inspected in accordance with the ~~manufactured home~~ off-site construction rules of the AHJ.

Reason: The words “manufactured home” have a particular connotation, and are not covered by this document. So maybe “off-site construction” is a better description.

Committee Action: Approved as submitted. unanimous

Chapter 2 DEFINITIONS

IS-OSMEP 02-01-22 ICC 1210 Section 202

Proponent: Randall Shackelford, Simpson Strong-Tie Co.

Revise as follows:

Add “AHJ” to list of Abbreviations

Reason: This is probably the most common abbreviation used in this document so it might be helpful, even though I do see it is defined later in this section.

Committee Action: Approved as submitted. unanimous

IS-OSMEP 02-02-22

ICC 1210 Section 202

Proponent: Randall Shackelford, Simpson Strong-Tie Co.

Revise as follows:

APPLICABLE CODES AND STANDARDS. The versions of the building code and standards that have been adopted by the state or jurisdiction in which an industrialized house or building is to be ~~constructed~~ installed.

Reason: Would the applicable codes of the location where the building is installed apply, not the codes where the off-site construction is constructed. The “construction” is happening off-site, possibly in another state that has different adopted codes from where the building is to be ultimately installed.

Committee Action: Approved as submitted. unanimous

IS-OSMEP 02-03-22
ICC 1210 Section 202

Proponent: Gahl Spanier, RMI/Advanced Building Construction Collaborative,
Representing Advance Building Construction Collaborative

Revise as follows:

Serviceable Under-floor Crawl Space. The space between the bottom of the floor joists under volumetric modules requires ventilation only if the cavity meets the requirements of a confined space that may be occupied for any reason in accordance with OSHA Section 5157.

Chapter 3 DESIGN

IS-OSMEP 03-01-22 ICC 1210 Section 301.2

Proponent: Randall Shackelford, Simpson Strong-Tie Co.

IS-OSMEP 04-02-22

ICC 1210 Section 402

Proponent: Gahl Spanier, RMI/Advanced Building Construction Collaborative,
Representing Advance Building Construction Collaborative

Revise as follows:

402.4 Dual Hoods for Ventilation and Exhaust Systems. Where dual hoods for ventilation and exhaust systems are desired, they shall be designed and installed in accordance with the IMC.

Reason: Given that the IRC is silent on the use of dual hoods for ventilation/exhaust systems while the IMC allows for the technology, ICC Standard 1210 should refer to the IMC. Referring to the IMC in the modular energy/mechanical code enables modular projects to more easily integrate a complete HRV/ERV and associated air distribution system into the modular factory-installed mechanical system, which often struggles to locate a separated ventilation intake from the general exhaust with the minimal exterior envelope available. This simplifies ductwork, eliminates central air distribution systems, and reduces the number of envelope penetrations needed while providing unitized, energy efficient and compartmentalized mechanically filtered ventilation air.

Committee Action: Disapproved. unanimous

Committee Reason: Additional work is needed. Better resolved first in the ASHRAE 62.2.

IS-OSMEP 04-03-22

ICC 1210 Sections 402, 403 & 404

Proponent: Randall Shackelford, Simpson Strong-Tie Co.

Revise as follows:

403 and 404 are incomplete. 402 contains the requirements and referenced standards required to properly install mechanical systems. 403 just has some specific requirements for certain things. It should reference the applicable standard. 404 should reference the IRC, where applicable.

Reason: IRC should be included for residential structures. 403 should have parallel structure to 402 and 404.

Staff note: Not actionable by committee due to lack of proposed verbiage.

IS-OSMEP 05-02-22 ICC 1210 Section 504

Proponent: Gahl Spanier, RMI/Advanced Building Construction Collaborative,
Representing Advance Building Construction Collaborative

Revise as follows:

~~**504.1.2 Duct Testing.** Ducts and air handlers that are concealed prior to delivery to the on-site location, shall be tested in accordance with testing sections in the IECC to detect leaks and defects.~~

504.1.2 Duct Testing. Ducts and air handlers that are concealed prior to delivery to the on-site location, shall be tested in accordance with applicable standards including but not limited to the testing sections in the IECC to detect leaks and defects.

Reason: Many parts of the HVAC duct distribution network will be concealed during the construction

Chapter 8 ON-SITE INSTALLATION

IS-OSMEP 08-01-22 ICC 1210 Section 805.1

Proponent: Gahl Spanier, RMI/Advanced Building Construction Collaborative,
Representing Advance Building Construction Collaborative

Revise as follows: