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To: [Fire Prevention and Building and Safety Commission](#)
Subject: Code Comments, Proposals and Advice
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Formstack Submission For: **4202**

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Indiana Code You Are Commenting On:	Indiana Plumbing Code. The attached file outlines the major changes to go from current 2006 IPC (Indiana Plumbing Code 2012) to IPC 2021 along with fiscal impact.
Comment or Proposal:	
File:	View File

2006-2021 IPC Code Comparison

Reference from 2021 Publication	Change from Current	Fiscal Impact
314.2.2	Allows PVDF and PE-RT condensate drain pipe and fittings	Increases design options
405.3.1	New spacing provision for juvenile water closets	Increases design options
405.5	Allows plumbing fixtures with pumped waste	Lower cost solution for certain toilet installations
407.1, 408.1, 410.1, 412, 415, 416, 419, 422, 424, 425, 426	Updated standards for fixtures and faucets	Reduces confusion in fixture selection
502.1.1	Allows FVR compliant water heaters to be installed directly on a garage floor	Reduces costs for water heater installations
T604.8, T605.3, T605.4, T605.5, T605.7	Updated standards for water distribution pipe and valves	Increases design options
605.13.5	Allows press connect fittings	Faster installation reduces costs
605.13.7	Allows push-fit fittings	Faster installation reduces costs
607.2	Reduces the distance from the hot water source to the fixture to 50 feet (was 100)	Speeds access to hot water, saves water and associated water costs.
607.12	Allows hot water temperature control in certain water heaters in lieu of temperature control devices	Reduces costs and improves safety
T608.1	Updated standards for toilet fill valves	Improves product safety
T702.1, T702.2, T702.3	Allows PVDF pipe and fittings and updated standards	Increases design options
705.10.4	Allows for push-fit DWV fittings	Reduces labor costs
716, 717	Allows for pipe bursting and pipe realigning	Reduces sewer repair costs
1002.4.1.5	Allows certain fixtures to drain into a floor drain tail piece in lieu of trap primer	Reduces costs
T1102.4	Allows PE and PP storm drain piping	Increases design options and reduces costs
1106	Completely new storm water drain pipe sizing method	Improves roof drain calculations
1107	Allows siphonic roof drain systems	Reduces rain impact on storm drains
1109	Requires separate storm and sanitary connections to a combination sewer	Improves drain performance
		Update costs are reduced when updated with the code cycles; when multiple cycles pass, the updates are not marked in the most current book for the editions that are missed. The committee must review all editions to determine all changes that were missed to determine acceptability. Sometimes those sections will be changed again in later editions. Additionally, the code promulgator provides training on the updates at the regular update intervals.

Three Year Update Cycle

Changes are indicated every edition.

Section 424.1 Urinals

Updates Urinal standards to ASME A112.19.2/CSA B45.1

Section 605.2.1 Lead Content of Drinking Water Pipe and Fittings

Adds Federal Drinking Water Standards in effect since 2012

Section 917

Allows Single Stack Vent system

This standard is a harmonized version of two previous standards and as such the numbering method is different in the newer codes. An inspector in a northern Indiana jurisdiction refused installation of products because the new harmonized industry accepted standard was not listed in the current edition of the Indiana adopted code causing expense and delay to the contractor while seeking a solution to the issue.

Reduces lead content of drinking water and reduces state and local liability for lead contamination in drinking water due to outdated language.

Reduces cost in multi-story by combining drains and vents in one set of piping, results in fewer holes and less pipe.