



2019 RESIDENTIAL CODE OF OHIO

Effective Date: July 1, 2019

Residential Code of Ohio –  
Summary of Changes

ICC Model Codes - 2012, 2015 and 2018 International Residential Code  
And other changes as adopted by Ohio Board of Building Standards

RCO Rule	RCO Section	Source	Description	
4101:8-1-01	<b>Administration</b>			
	Chapter 1	BBS	Adopted entire Chapter as Ohio specific administrative process	
	101.2 Scope	BBS	Includes electrical equipment coming from building services associated with bodies of water (pools, spas and ponds)	
	101.2 – exemption #1	BBS	Exempt all work related to manufactured home as dwelling	
	101.2 – exemption #12	BBS	Exempt poles and equipment not connected to building services	
	101.2 – exemption #13	BBS	Exempt all work related to fixed or floating docks	
	101.2 – exemption #14	BBS	Exempt retaining walls, bridges, site stairs – not required	
	101.2 – exemption #15	BBS	Change #13 to #15 to address the application of OBC provisions to construction in a dwelling	
	101.2 – exemption #16	BBS	Change #14 to #16 to clarify a commercial building using the RCO for construction criteria remains a commercial building	
	101.5	BBS	Clarify – jurisdictions without a residential building dept.	
	102.8.2	BBS	Clarify – non-required elevator and lift requirements	
	102.10	BBS	Clarify – Exempt from approval / comply with provisions	
			Add – battery operated alarms without other construction	
			Add – process equipment – exempt from approval	
	105.1.4	BBS	Clarify - phased approval	
	111.1.2	BBS	Add a certificate of completion for alterations/repairs performed while building remains occupied	
	113.5	BBS	Clarify alteration - replacement (not repair)	
	113.6	BBS	Clarify alteration - repair (not minor)	
	113.7.3	BBS	Include Type B family day care homes	
	113.8	BBS	Clarify an IU becomes an existing building after initial install	
114.3.2.1	BBS	Add provision for use of Evaluation Service Reports (ES reports)		
4101:8-2-01	<b>Definitions</b>			
	202	Access (to)	2018	Clarification of difference between accessible and access to
		Accessory Structure	2015	Modify definition to remove size limitation. Previously adopted
		Alternating Tread Device	2015	Added definition
		Attic, Habitable	2018	Simplified definition
		Change of occupancy	2018	Added definition. Previously defined in Ohio. Keep Ohio def.
		CO Alarm	2018	Added definition
		CO Detector	2018	Added definition
		Crawl Space	2018	Added definition
		Fenestration	2018	Clarification – vertical fenestration, skylights and sloped glazing as applied to the RCO in general and Chapter 11 specifically
		Manufacturer’s Installation Instructions	BBS	Clarification – expand the scope beyond “equipment” when instructions shall be followed.
		Ready Access (to)	2018	Clarification of difference between accessible and access to

# Residential Code of Ohio – Summary of Changes

ICC Model Codes - 2012, 2015 and 2018 International Residential Code

And other changes as adopted by Ohio Board of Building Standards

RCO Rule	RCO Section	Source	Description
	Solar - Energy System	2018	Added definition related to solar energy systems to clarify the related provisions in Chapters 3 and 9
	Solar - Thermal Collector	2018	
	Solar - Thermal System	2018	
	Structural Composite Lumber	2012	Adding definitions for LVL, PSL, LSL and OSL
	Townhouse	BBS	Deleted the term
	Windborne debris region	2012	Simplified definition. No regions in Ohio.
	Continuous insulation	2015/BBS	From Chapter 11 – Energy Efficiency Relocate all definitions to Chapter 2
	Insulated siding	2015/BBS	
	Insulated vinyl siding	2015/BBS	
	Air barrier	2018/BBS	
	Building Thermal Envelope	2018/BBS	
	Skylight	2018/BBS	
	Vertical fenestration	2018/BBS	
	Opaque Door	2018/BBS	
	Definitions – Fuel Gas	BBS	
<b>4101:8-3-01</b>	<b>Building Planning</b>		
	301.2	2015/18/BBS	<b>Table 301.2(1)</b> – Fixed constants for Ohio / Removed Man. J
	301.2	2015	Wind Design Maps updated for $V_{ult}$
	301.2	2018	<b>Figures 301.2(2) &amp; (3)</b> – Added an area of SDC C
	301.2	2015	<b>Figure 301.2(8)</b> – Component and cladding pressure zones
	301.2	2015	<b>Table 301.2(2)</b> – Component and cladding loads
	301.2.1	2012	Wind design criteria – Clarify intent
Deleted	301.2.1.1	2012/BBS	Wind design limitations – not applicable in Ohio
	301.2.1.1.1	2015	Sunrooms – Category descriptions
Deleted	301.2.1.2	2012/15/ BBS	Opening protection -Windborne debris – not applicable in Ohio
	301.2.1.4	2015	Wind exposure – Reduced to three exposures – B, C & D
Deleted	301.2.1.5.1	2015/BBS	<b>Table 301.2.1.5.1</b> – not applicable in Ohio
	301.2.2	2012	Seismic provisions
	301.2.2.1	2018	Seismic Design Category – Identified zone meeting Category “C” existing in Ohio. See <b>Figures 301.2(2) and 301.2(3)</b>
	301.2.2.6	2018	Irregular Buildings – rearrange for ease of use
	301.2.4	2015	Floodplain construction – Must comply with most restrictive
	301.3	2015	Story Height – max.ht. 11’-7” for frame; 13’-7” for masonry
	301.5	2012	<b>Table 301.5</b> Clarify attic live loads
	302.1	2012/15/18	Exterior walls
	302.2	2015/18/BBS	“Townhouse” replaced– separation – Ohio language retained
	302.2.2	2012/18/BBS	“Townhouse” replaced- parapet exception – moved to 302.2.4
	302.3	2018	Dwelling unit separation – Added use of OBC section 703.3
	302.4.2	2018	Membrane penetration – Listed luminaries permitted
	302.5.1	2012/18/BBS	Opening protection at garage door – no self-closing requirement.
	302.10	2018	Flame Spread - Insulation
	302.13	2015/18	Fire protection of floors-New location & Add electric heat
	303.4	2012	Ventilation-mechanical required under 5ACH
	303.5	2012	Ventilation-intake - 3’ below if contaminant is <10’
	303.7	2015	Stairway illumination – Clarify – separate interior
	303.8	2015	Stairway illumination -Clarify – separate exterior
	304.1	2015	Habitable room area – minimum reduced to 70sf
	305	2015/BBS	Ceiling Height – minimum height reduced

# Residential Code of Ohio – Summary of Changes

ICC Model Codes - 2012, 2015 and 2018 International Residential Code  
And other changes as adopted by Ohio Board of Building Standards

RCO Rule	RCO Section	Source	Description
	308.4	2012	Glazing-hazardous locations
	308.4.2	2015/18	Glazing-safety at doors
	308.4.4.1	2018	Glazing in Guards & Railings
	308.4.5	2012/15	Glazing-wet locations
	308.4.6	2012	Glazing-stairway/ramp adjacent
	308.4.7	2012/15	Glazing-stairway/ramp landing
	309.5	2012	Sprinklers in private garages
	310	2015	Emergency/rescue – Reorganized -separate windows & doors
	310.1	2012/18	Emergency/rescue – sill height / added exception w/FP
	310.2.3.2	2012/15	Drainage-window wells
	310.3	2018	Area wells for Emergency/rescue doors
	310.5	2015	Emergency/rescue – Addition requirements
	310.6	2015	Emergency/rescue – Alteration requirements
	311.1	2015	Means of egress –egress door opens to public way
	311.3.1	2012	Egress door-floor elevation
	311.7.1	2018	Handrail projection
	311.7.3	2015/18/BBS	Stair rise (maximum) – increased to 148-1/2” flr/flr
	311.7.5	2012/15/BBS	Stair-treads & risers – Keep at 9”T and 8-1/4”R
	311.7.5.1	2015	Stair-riser – Open riser requirements
	311.7.5.3	2018	Stair nosings – Clarify must be consistent through stair
	311.7.6	2012	Stair-landings
	311.7.8	2018	Handrail projection
	311.7.10.1	2015	Stair-spiral – Tread measured at walkline - redefined
	311.7.11	2015	Stair-alternating tread devices – New
	311.7.12	2015	Stair-Ships ladder - New
	311.8	2015/BBS	Ramps – slope – Keep slope 1:8
	312	2012	Guards - window fall protection moved from Chapter 6
	312.1.1	2018	Guards – Clarify where required
	312.1.2	2015	Guards - height
	312.2.1	2015/BBS	Window - fall protect – not required/Option-must comply
	314	2012/15/18/BBS	Smoke alarms – Keep Ohio technology requirements
	315	2012/15/18/BBS	CO detection systems –interconnection not required in Ohio
	316.4	2012	Thermal barrier – New referenced standard
	316.5.13	2012	Thermal barrier - floors
	317.1	2018	Fastener in treated wood
	320.1.1	2015	Transient occupancy guestrooms use OBC Chapter 11
	322.1	2015	Hazard-flood - substantial damage
	322.2	2015	Hazard-flood - elevation requirements
	322.3	2015/18	Coastal high-hazard
	324	2015/18	New & expanded section – Solar energy
	324.4	2018	Photovoltaic - Roof mount
	324.6	2018	Photovoltaic - Roof access
	324.6.2.2	2018	Photovoltaic - Roof escape
Deleted	325	2015/BBS	Mezzanines -
Deleted	325.3	2018/BBS	Mezzanines -
Deleted	325.6	2018/BBS	Habitable attics -
Deleted	326	2015/BBS	Swimming pools, spas and hot tubs
	327	2018	New section - Stationary storage battery systems
	328	BBS	Relocate post frame, accessory structure, prescriptive requirements

# Residential Code of Ohio – Summary of Changes

ICC Model Codes - 2012, 2015 and 2018 International Residential Code

And other changes as adopted by Ohio Board of Building Standards

RCO Rule	RCO Section	Source	Description
<b>4101:8-4-01</b>	<b>Foundations</b>		
	403.1.1	2015	Footing size – Expanded table and added depth
Deleted	403.1.2	2015/BBS	Footing – Continuous in SDC D – not applicable in Ohio
Deleted	403.1.3	2015/BBS	Footing – Reinforcing requirements in SDC D – not applicable in Ohio
	403.1.4.1	BBS	Deleted exceptions 1 and 2.
	403.1.6	2015/BBS	Foundation anchor – middle third – not adopted
	403.3(1)	2018	Update Table notes - R values
	403.4	2018	Added width to Table
Deleted	404.1.4	2015/BBS	Foundation - masonry SDC D - not applicable in Ohio
	404.1.9	2012	Foundation - isolated masonry pier -New
	404.4	2015	Retaining walls – revised thresholds triggering enforcement
	405.1	2012	Foundation – drainage, add filter fabric to perforated pipe
	408.3	2015	Added dehumidification in unvented crawl space
<b>4101:8-5-01</b>	<b>Floors</b>		
	501.3	2012	Fire protection-floor. Previously adopted. Moved to 302.13
	502.3.1	2015	<b>Table</b> 503.3.1(1)
		2015	<b>Table</b> 503.3.1(2)
	502.1	2015	Framing of floor openings.
	502.6.3	BBS	Stabilizing provision for steel beams in open pockets
	502.9.1	BBS	Stabilizing provision for steel columns
	505.3.2	2018	Update span Tables - Cold form light gage steel framing
	507	2012	Decks - Create a section for deck construction
	507.1	2015/18	Focus scope
	507.2	2015/18	Deck materials
	507.2.4	2015	Deck-alt lateral connect. Moved in model code reorganization to 507.9.2
	507.3	2018	Deck footings
	507.4	2015/18	Deck posts
	507.5	2015/18	Deck beams
	507.6	2015/18	Deck joists
	507.7	2015/18	Decking
	507.8	2015/18	Vertical and Lateral supports
	507.9	2012/2018/BBS	Ledgers and band joists. Tension anchor permitted - not required
<b>4101:8-6-01</b>	<b>Wall construction</b>		
	602.3 <b>Table</b> 602.3(1)	2012	Update structural. member fastening – expanded options
		2015	Update roof fastening – expanded options
		2015	Updated wall fastening – expanded options
		2015	Updated floor fastening – expanded options
	602.3.1	2015/18	Stud-size, height & spacing; Tables 602.3(5) and 602.3(6)
	602.7	2012/15/18	Headers
	602.7.1	2012	Headers-single member
	602.7.5	2018	Updated & Expanded Table
	602.10	2012	Bracing – Previously adopted, no change
	602.10.1	2012	Bracing-wall lines – Previously adopted, no change
	602.10.2	2012	Bracing-wall panels – Previously adopted, no change

# Residential Code of Ohio – Summary of Changes

ICC Model Codes - 2012, 2015 and 2018 International Residential Code  
And other changes as adopted by Ohio Board of Building Standards

RCO Rule	RCO Section	Source	Description
	602.10.3	2012/15/18	Bracing-length required. Update <b>Tables</b> 602.10.3(1) and (4)
	602.10.4	2012	Bracing methods – Previously adopted, no change
	602.10.4.1	2018	Bracing- Mixing methods. New section to address multiple methods in one building
	602.10.5	2012/15	Bracing-length minimum. Update <b>Table</b> 602.10.5
	602.10.6	2012	Bracing-Methods – New in 2012. Previously adopted, no change
	602.10.6.1	2012	Bracing – Method ABW. Previously adopted, no change
	602.10.6.2	2012	Bracing - Method PFH. Previously adopted, no change
	602.10.6.3	2012	Bracing – Method PFG. Previously adopted, no change
	602.10.6.4	2012/18	Bracing – Method CS-PF. Modified Figure – add note “continuous sheathing”
Deleted	602.10.6.5	2012/BBS	Bracing-masonry. SDC D not applicable in Ohio
	602.10.7	2012	Bracing - wall lines – sheathing. Previously adopted, no change
	602.10.9	2012	Bracing - panel support. Previously adopted, no change
Deleted	602.10.9.1	2015/BBS	Bracing - SDC D- not applicable in Ohio (refer 403.1.2)
	602.10.11	2015	Bracing - cripple wall
	602.12	2012/15	Bracing - simplified
	602.12.6	2012	Bracing - simplified—Narrow panel. Previously adopted, no change
	603.3.1	2018	Updated Table for V-ult
	603.3.1.1	2018	Updated Table for V-ult
	603.9.5	2015	Sheathing - structural/masonry for SDC C
	606	2015	Masonry walls – reorganized and expanded
	606.3.3	2012/15	Wall ties - installation
	606.3.5	2015	Grouting - masonry
	607	2015	New section - Glass unit masonry
	610	2018	Structural Insulated Panels (SIP). Reorganized Section
	610.7	2015	SIP-drilling & notching. Updated provisions
<b>4101:8-7-01</b>	<b>Wall covering</b>		Reorganized
	702.7	2015	Vapor retarder – relocated from Chapter 6
	703.2	2018	Clarify Water resistive barrier
	703.3	2015	Cladding – thickness & attachment
	703.3.1	2018	Soffit installation
	703.5	2015	Cladding – wood, hardboard, SIP
	703.6	2015	Cladding – wood shake/shingle
	703.7.3.2	2012	Cladding – masonry lintel
	703.7.4	2012	Cladding – masonry anchorage
	703.7.4.2	2012	Cladding – masonry grout fill
	703.8	2012	Cladding - flashing
	703.8.4	2018	Added Table - Veneer anchorage Air space. - May contain mortar from construction activities
	703.9	2015	Cladding - EIFS
	703.11.1	2015	Cladding –

# Residential Code of Ohio – Summary of Changes

ICC Model Codes - 2012, 2015 and 2018 International Residential Code  
And other changes as adopted by Ohio Board of Building Standards

RCO Rule	RCO Section	Source	Description
			vinyl attachment
	703.11.2	2018	Modify installation with foam and add Table
	703.12	2012	Cladding – masonry-adhered
	703.13	2015	Cladding – insulated vinyl
	703.14	2015	Cladding - polypropylene
	703.15	2015	Cladding – attachment wood
	703.16	2015	Cladding - attachment
	703.17	2015	Cladding – attachment masonry
<b>4101:8-8-01</b>	<b>Roof-ceiling construction</b>		
	802	2018	Reorganize section
	802.1.5.4	2018	Fire retardant treated. Add labeling requirement
	802.4	2015	Change to <b>Rafter</b> maximum spans <b>Table 802.4</b>
	802.5	2015	Change to <b>Ceiling joist</b> maximum spans <b>Table 802.5</b>
	802.7	2012	Roof – Structure. Cutting, drilling and notching provisions
	802.11	2012	Roof – uplift. Expanded tables; separated rafters and trusses
	806	2012	Roof - ventilation
	806.1	2015	Ventilation - attic
	806.2	2018	Clarify - minimum venting area
	806.5	2012/15/18	Attic - unvented,
<b>4101:8-9-01</b>	<b>Roof covering</b>		
	903.2.1	2012	Flashings - roof (locations)
	903.2.2	2012	Crickets/saddles
	905.1.1	2015	Underlayment – consolidated separate sections into one including ice barriers
	905.2.7.2	2012	Underlayment - high wind requirements
	905.2.8.3	2012	Flashing sidewall
	905.2.8.5	2012/BBS	Drip edge – refer to manufactures instructions for application
	905.7.5	2015	Wood shingle application - fasteners
	905.8.6	2015	Wood shake application - fasteners
	905.16	2015	New section - Photo voltaic shingles
	905.17	2018	New section - Building integrated PV panels
	907	2015	New section - Photo voltaic-roof mounted system
	908	2012/15	Roof recovering versus replacement
<b>4101:8-10-01</b>	<b>Chimneys and fireplaces</b>		
	1003.9.1	2012	Caps - masonry chimney.
	1003.9.3	2012	Caps – rain. Not required, applies when installed
	1005.7	2012	Chimney offsets - factory built
	1005.8	2018	Insulation shield
<b>4101:8-11-01</b>	<b>Energy efficiency</b>		
	1101		See comparison chart by BBS
	1101.2	2012/BBS	Compliance path options
	1101.6	BBS	Moved definitions to Chapter 2

# Residential Code of Ohio – Summary of Changes

ICC Model Codes - 2012, 2015 and 2018 International Residential Code  
And other changes as adopted by Ohio Board of Building Standards

RCO Rule	RCO Section	Source	Description
		2018	Modified definition - Air barrier
			Modified definition - Building Thermal Envelope
		2015	Added Definition. - Continuous insulation
			Added Definition - Insulated siding
			Added Definition - Insulated vinyl siding
		2018	Added Definition - Skylight (energy)
			Added Definition. - Opaque Door (energy)
	1101.10.3	2018	Modified <b>Tables 1101.10.3(1) &amp; (2)</b> – Titles only
	1101.13	2015/BBS	Moved compliance path options to 1101.2
	1101.14	2015	Certificate - permanent
	1101.15	2012/15/BBS	Created compliance path in 2012. Moved in 2015. See 1101.2
	1102.1	2018	Log homes - ICC-400 (exempt)
		BBS	New section 1107 Existing buildings
	1102.1.2	2018	Modified Table–All fenestration, ceiling and mass wall values. Frame walls in zone 4 only
		BBS	Foundation wall insulation value kept at R= 10/13
	1102.1.4	2018	Modified Table - All fenestration, ceiling and mass wall values. Frame walls in zone 4 only
		BBS	Foundation wall insulation value kept at U= 0.059 and 0.065
	1102.1.3	2015	R-value for insulated cladding
	1102.2.2	2018	Clarify application of exception
	1102.2.4	2015	Access hatch & door
	1102.2.5	2018	Clarify mass wall requirements
	1102.2.6	2018	Modified light steel framing insulation equivalent
	1102.2.7	2015	R-value reduction – <b>Table 1102.1.2</b>
	1102.2.8	2015	Insulation of floor cavity – <b>Table 1102.4.1.1</b>
	1102.4	2018	Update testing standard
			5 ACH - Delete 3rd party requirement for testing
	1102.4.1.1	2015	Clarify insulation at corners & headers – <b>Table 1102.4.1.1</b>
		BBS	Clarify requirement for narrow cavities - <b>Table 1102.4.1.1</b>
	1102.4.2	2015	WBFP doors – <b>Table 1102.4.1.1</b>
	1103.3	2015/18	Duct sealing and & testing requirements. Clarify exceptions
	1103.3.2	2015	Remove testing
	1103.3.3	2015	Add testing
	1103.3.4	2015	Add duct leakage
	1103.3.5	2015/BBS	Permit non-ducted RA only in framing cavity
	1103.3.6	2018	Ducts - Buried & deeply buried
	1103.3.7	2018	Ducts - in conditioned space
	1103.5	2018	HW circulation & temperature maintenance system
	1104.1	2018	Modification to requirement for high efficacy lamps
	1106.3	2018	ERI ventilation rate
	1106.4	2018	Modify Table - ERI numbers
	1107.1	BBS	Clarify 113 supersedes 1107.1 if in conflict
	1107.4	BBS	Existing building compliance alternative
	1108.1.1.1	BBS	Except – Existing building thermal envelope
	1112	BBS	Keep OHBA options for energy efficiency
	1112.2.4.2.1	BBS	Modify air leakage rate to 5 ACH
	1112.4	BBS	Modify required high efficacy lamps

# Residential Code of Ohio – Summary of Changes

ICC Model Codes - 2012, 2015 and 2018 International Residential Code  
And other changes as adopted by Ohio Board of Building Standards

RCO Rule	RCO Section	Source	Description
<b>4101:8-12-01</b>	<b>Mechanical administration</b>		
<b>4101:8-13-01</b>	<b>General mechanical system requirements</b>		
	1301	2012	Add identification and certification for pipe, tubing, & fittings
	1305.1.1	2018	Delete this provision for access to furnace in a compartment
	1305.1.3.2	2018	Modify requirements for appliances in pits
<b>4101:8-14-01</b>	<b>Heating and cooling equipment</b>		
	1411.6	2012	Add locking requirement for port cap access.
	1411.8	2015	Relocate from 1411.6
<b>4101:8-15-01</b>	<b>Exhaust systems</b>		
	1502.3.1	2018	Modify dryer exhaust termination
	1502.4	2012	Modify requirements for dryer exhaust duct.
	1502.4.2	2018	Modify concealed dryer duct
	1502.4.4	2015	Added requirements for use of power vent in dryer exhaust
	1502.4.5	2015	Added length per manufacturer when power vent is used
	1502.4.6	2015	Modify duct length labeling. All ducts over 35' equivalent length
	1503	2018	Clarify, reorganize and modify domestic cooking exhaust
	1503.4	2015	Range hood-make-up air requirements.
	1503.6	2018	Relocate from 1503.4. Modify make up air requirements
	1504	2018	Moved to microwave ovens to 1503.2. Relocate and modify 1506 exhaust ducts to 1504
	1505	2018	Moved to overhead exhaust hoods to 1503.2.1. Relocate and modify 1507 mechanical ventilation to 1505
	1506	2012	Added minimum clearance requirement for exhaust opening.
	1506.2	2015	Vent - exhaust duct length. Add <b>Table</b> 1506.2
	1507	2012	Added prescriptive design criteria for mechanical ventilation
<b>4101:8-16-01</b>	<b>Duct systems</b>		
	1601.1	2012	Modify requirement for duct design per Manual D when installed
	1601.1.1	2012/15	Modify duct construction to follow SMACNA
	1601.1.2	2018	Modify underground duct – Seal and test
	1601.2	2015	Move factory made duct 1601.1.1- #2
	1601.4	2015	Duct-installation
	1601.4.1	2012	Duct-joints, seams & connect
	1602	2015	Modify/reorganize Outdoor/RA
	1602.2	2012/15	Prohibited O/A and R/A locations. Change title
<b>4101:8-19-01</b>	<b>Special fuel burning equipment</b>		
	1901	2012/18	Modify clearance requirements for ranges and ovens
<b>4101:8-21-01</b>	<b>Hydronic piping</b>		
	2101.9	2018	Modify PEX tubing hanger spacing
	2101.10	2018	Modify Pressure testing. Exception for when testing PEX
	2103.2	2018	Modify radiant floor thermal barrier. In accordance with Chap 11



# Residential Code of Ohio – Summary of Changes

ICC Model Codes - 2012, 2015 and 2018 International Residential Code

And other changes as adopted by Ohio Board of Building Standards

RCO Rule	RCO Section	Source	Description
<b>4101:8-23-01</b>	<b>Solar thermal systems</b>		Keep section limited to solar thermal energy (2015)
	2301	2012/18	Add thermal solar energy requirements. Add protections & access
	2302	2012	Add photovoltaic solar energy system requirements
		2015	Delete Photovoltaics – include in other code sections
<b>4101:8-24-01</b>	<b>Fuel gas</b>		
	2403	BBS	Move all definitions to Chapter 2
	2404.11	2015	Add condensate pump requirements
	2406.2	2018	Added an exception to prohibited location of appliance.
	2409.1	2012	Clarification to include gypsum board as a combustible material
	2411.1.1	2015	Add bonding requirements for (CSST). Previously adopted
	2411.2	2018	Renumber CSST sections
	2411.3	2018	Add Arc resistant CSST
	2412	2012	Add requirements for pipe identification & certification
	2412.10	BBS	Pipe material testing and certification per Ohio process.
	2413.2	2015	Modify calculation for maximum gas demand
	2414.4.2	2018	Modify to allow schedule 10 piping
	2414.6	2015	Modify to prohibit PVC & CPVC for pipe, tubing & fittings
	2414.10.1	2018	Modify to allow press connect fittings
	2415	2012	Add requirements for CSST identification & certification. Previously adopted
	2415.5	2015	Clarify permitted fittings in concealed locations
	2415.7	2015	Modify protection of piping in concealed locations
	2415.11	2018	Reorganize section and add corrosion protection requirements
	2419.4	2012	Add <b>Figure 2419.4</b> to clarify sediment trap installation
	2420.5.1	2018	Clarify - Shut off valve location behind moveable appliance is ok
	2420.6	2018	Add requirement to support shut off valve in tubing systems
	2421.2	2015	Modify regulator (medium pressure) installed with unions
	2422.1	2015	Add referenced standard for portable outdoor appliance connect.
	2426.7.1	2015	Add door swing clearance at vent terminals
	2427.4.1	2015	Modify use of listed plastic vent piping is per manufacturers instruction
	2427.6.8.3	2015	Modify size of listed plastic vent piping is per manufacturers instruction
	2427.8	2015	Modify to include new requirements for sidewall vent systems
	2439.4	2015	Added requirements for use of power vent in dryer exhaust
	2439.7	2015	Added length per manufacturer when power vent is used
			Modify duct length labeling. All ducts over 35' equivalent length
	2442.2	2018	Remove prescriptive duct sizing in favor of other sizing methods
	2442.4	2012	Modify the prohibited locations for outside & return air
	2447.2	2015/18	Add exceptions to prohibited location of commercial appliance
<b>4101:8-25-01</b>	<b>Plumbing systems</b>		
	All sections in 4101:8-25-01 through 4101:8-33-01 except 4101:8-29-01 (see below)	BBS	Delete all model code sections. Adopt the Ohio plumbing code with an effective date of Nov. 1, 2017 and include Ohio modifications from Chapter 25 and Chapter 29 of the RCO to replace model code provisions for plumbing systems
<b>4101:8-29-01</b>	<b>Water supply and distribution</b>		

# Residential Code of Ohio – Summary of Changes

ICC Model Codes - 2012, 2015 and 2018 International Residential Code

And other changes as adopted by Ohio Board of Building Standards

RCO Rule	RCO Section	Source	Description
	2904.2.4.2	2012	Sprinkler obstruction minimum distance.
	2904.3.2	BBS	Permit shut-off valves per 13D requirements
<b>4101:8-34-01</b>	<b>General requirements</b>		
	All sections in 4101:8-34-01 through 4101:8-43-01	BBS	Delete all model code sections. Adopt the NFPA 70 (National Electric Code, 2017 edition) as the referenced standard and include Ohio modifications from Chapter 34 to replace model code provisions for electric systems
<b>4101:8-44-01</b>	<b>Referenced standards</b>		
	All referenced standards	BBS	Update to current edition. Delete non-applicable standards