

2018 International Building Code (IBC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
15.02.050	101.1	Section [A] 101.1 Amended – Title.	Establishes the 2018 International Building Code with the amendments herein as the Building Code for the City of Olathe.	Admin. Change
15.02.060	101.2.1	Subsection [A] 101.2.1 Amended – Appendices.	Adopts Appendix Sections B, C and E to provide criteria for the Board of Appeals, Group U Agricultural Buildings, and supplemental accessibility Requirements.	Admin. Change
15.02.070	101.4	Subsection [A] 101.4 Amended – Reference Standards.	Adopts Fuel Gas, Mechanical, Plumbing, Property Maintenance, Fire, Energy, and Existing Building Codes by reference.	Admin. Change
15.02.080	101.4.8, 101.4.9	Subsections [A] 101.4.8, and [A] 101.4.9 Added – Electrical, and Swimming Pools and Spas.	Adopts Electrical and Swimming Pool Code by reference	Admin. Change
15.02.100	103.1	Section [A] 103.1 Amended – Creation of enforcement agency.	Establishes the Community Risk Reduction Section of the Fire Department as the Department of Building Safety	Admin. Change
15.02.110	103.2	Section [A] 103.2 Deleted – Appointment.	Section 103.2 deleted - not applicable	Existing
15.02.120	105.1	Section [A] 105.1 Amended – Required.	Existing amendment that clarifies when permits are required. Modification adds fire alarm and fire sprinkler systems to permit requirements.	Admin. Change
15.02.130	105.1.3	Subsection [A] 105.1.3 Added – County license required.	Existing amendment requires county contractor license for all work requiring a permit with the exception of homeowners working in their own home. This is a county wide program to ensure contractors are properly trained and insured to perform work.	Existing
15.02.140	105.2	Section [A] 105.2 Amended – Work exempt from permit.	Modified amendment providing clarifications and revisions to types of work or projects not requiring a permit.	Minor Technical Change
15.02.150	105.3.1.1	Subsection [A] 105.3.1.1 Added – Denial of permits.	Existing amendment that describes when permits may be denied based upon violation of codes, pending enforcement activity or incomplete applications.	Existing
15.02.160	105.3.3	Subsection [A] 105.3.3 Added – Potable water certification.	Existing amendment requiring potable water availability certification prior to permit issuance.	Existing
15.02.160	105.3.4	Subsection [A] 105.3.4 Added, Fire protection certification.	Existing amendment requiring fire protection water supply and fire hydrant availability certification prior to permit issuance.	Existing
15.02.160	105.3.5	Subsection [A] 105.3.5 Added – Connection to public sewer.	Existing amendment requiring public sewer availability certification prior to permit issuance.	Existing
15.02.170	105.3.6	Subsection [A] 105.3.6 Added – Application for permit to move a building or other structure.	Requirements for permits to move a building into or through the City. Modifications remove text that is policy/procedure, not code - no technical changes.	Admin. Change
15.02.171	105.5.1	Subsection [A] 105.5.1 Added – Renewal of permit upon expiration	Modification of an existing amendment to clarify that new permit fees are required to renew expired permits, and clarification that the permit fee is based upon the value of the remaining work.	Minor Technical Change
15.02.175	107.1.1	Subsection [A] 107.1.1 Added – One- and Two-Family Dwellings	New section that will require residential plans for new structures to be signed and sealed by registered architects and/or engineers. Most projects have non-prescriptive engineered structural designs. Signed drawings also reduce plan review time.	NEW
15.02.178	107.2.9	Subsection [A] 107.2.9 Added – Code Footprint	New section that requires code footprint documents for certain occupancies to coordinate with State requirements and to consolidate life safety requirements onto an overall plan. Code footprints are required for certain Group A, E, I, R-1, R-2 and Group B higher education buildings. Amendment specifies required information to be shown on code footprint documents.	NEW
15.02.180	109.2	Section [A] 109.2 Amended – Schedule of permit fees.	Existing amendment specifying that fees will be determined by the Governing Body and documented in a schedule of fees.	Admin. Change
15.02.190	109.4	Section [A] 109.4 Amended – Work commencing before permit issuance.	Existing amendment that establishes penalties for work without permits	Existing
15.02.193	109.6	Section [A] 109.6 Amended – Refunds	Modified amendment that clarifies when refunds of permit fees may be requested and granted.	Admin. Change
15.02.200	111.3	Section 111.3 Amended – Temporary Certificate of Occupancy (TCO).	Existing amendment that establishes the provisions for the issuance of TCO's, TCO fees and penalties.	Admin. Change
15.02.201	111.5, 111.6	Subsection 111.5, and 111.6 Added – Record and posting of certificate of occupancy.	Existing amendment outlining requirements for record keeping and posting of permits	Existing

2018 International Building Code (IBC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
15.02.205	112.1.1	Subsections 112.1.1 and 112.1.1.1 Added – Reconnection of Existing Service Utilities and Service Reconnect Permit Fee.	Existing amendment that establishes inspection and fee requirements for dormant service reconnection.	Existing
15.02.210	113	Section 113 Amended – Board of Appeals.	Modified amendment that establishes the Board of Code Review as the Board of Appeals and refers to Appendix B for qualifications and procedures.	Admin. Change
15.02.220	114.4	Section [A] 114.4 Amended – Violation penalties.	Existing amendment that establishes penalties for violations of the provisions of this Code.	Existing
15.02.230	114.5	Section [A] 114.5 Added – Correcting damage to public facilities.	Existing amendment that establishes responsibility to repair damage to public facilities during construction	Existing
15.02.240	116.1.1	Subsection [A] 116.1.1 Added – Immediate Hazard Procedures Authorized.	Existing amendment that establishes authority for the City to abate immediate hazards to life and health.	Existing
15.02.250	116.6	Section [A] 116.6 Added – Failure to abate an unsafe condition.	Existing amendment that establishes procedures for the abatement of unsafe conditions	Existing
15.02.260	305.2.3	Subsection 305.2.3 Amended - Care being provided in a dwelling unit in compliance with State Regulations.	Modified amendment that allows for Group E day-care facilities providing care in dwelling units compliance with State laws and licensing programs to be designed in accordance with the Residential Code.	Admin. Change
15.02.270	308.5.4	Subsection 308.5.4 Added Amended – Care being provided in a dwelling unit in compliance with State regulations	Modified amendment that provides provisions for Group I day-care facilities providing care in dwelling units in compliance with State laws and licensing programs to be designed in accordance with the Residential Code.	Admin. Change
15.02.280	310.4.3	Subsection 310.4.3 Added – Care facilities within a dwelling in compliance with State regulations.	Provides provisions for Group R care facilities providing care in dwelling units in compliance with State laws and licensing programs to be designed in accordance with the Residential Code.	Admin. Change
15.02.281	423.5	Section 423.5 Added – Storm Protection Area.	New section requiring either a basement or a storm shelter in Group R, I-1 and I-2 occupancies. Coordinates requirements with surrounding jurisdictions. An exception is provided for existing buildings and existing buildings undergoing modification of less than 50% of the building area.	NEW
15.02.294	903.2.9(6)	Subsection 903.2.9(6) Added - Group S-1 self-service storage automatic sprinkler system.	New section modifies the threshold for fire sprinkler requirements in self storage facilities. These facilities can have a wide range of items stored within in them, including hazardous materials, upholstered furniture, plastics and other high fuel loads; any of which would result in a significant fire. This amendment sets the threshold for fire sprinkler protection at the same square footage as facilities that contain upholstered furniture.	NEW
15.02.295	903.3.1.2.1	Subsection 903.3.1.2.1 Amended - Sprinkler protection for balconies and decks.	New section that requires fire sprinkler protection of balconies and decks in multi-family structures, regardless of construction type. Multi-family structures are typically comprised of combustible construction anyway, therefore this will not be a significant change.	NEW
15.02.296	903.3.1.2.3	Subsection 903.3.1.2.3 Amended - Protection of attics.	New section that will require fire sprinklers or other protection in attics of multi-family apartment buildings. The code as written does not require sprinklers in combustible attics unless they are greater than 55-feet high. Several of the large loss fires in Olathe and throughout Johnson County in the past 5 years are the result of combustible attics in multi-family apartment structures not having fire sprinkler protection. This amendment will require the fire sprinkler protection regardless of height, or designers can utilize other options to reduce combustibility.	NEW
15.02.297	903.3.1.2.4	Subsection 903.3.1.2.4 Added - Sprinkler protection for attached garages - 13R.	New section that will require sprinklers in attached multi-family garages when the building is equipped with fire sprinklers. The code as written does not require sprinklers in garages of multifamily residences when protected by a residential (13R) sprinkler system. This is a common origin for fires that can be easily protected by dry-sidewall sprinklers to improve fire protection and life safety.	NEW
15.02.298	903.3.1.3.1	Subsection 903.3.1.3.1 Added - Sprinkler protection for attached garages - 13D	New section that will require sprinklers in attached townhome garages when the building is equipped with fire sprinklers. The code as written does not require sprinklers in garages of townhome residences when protected by a residential (13D) sprinkler system. This is a common origin for fires that can be easily protected by dry-sidewall sprinklers to improve fire protection and life safety.	NEW
15.02.299	903.3.5.3	Subsection 903.3.5.3 Added - Main control valves.	New amendment that requires a main shut-off valve for fire sprinkler systems and provides requirements for access to the valve. This will only affect projects that have the backflow preventer for the fire sprinkler system outside the building in a vault. It will allow the fire department to turn off sprinkler systems more quickly once the fire is out to reduce water damage.	NEW

2018 International Building Code (IBC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
15.02.300	903.4.1	Subsection 903.4.1 Amended - Monitoring.	Existing amendment outlines the requirements for electronic monitoring of fire sprinkler systems. It provides additional exceptions where electronic monitoring is not feasible or appropriate.	Admin. Change
15.02.310	903.4.2	Subsection 903.4.2 Amended - Alarms.	This section requires fire alarm notification throughout a building when a fire sprinklers system is required. This is an existing amendment that is shared by several neighboring jurisdictions.	Admin. Change
15.02.311	903.4.3	Subsection 903.4.3 Amended - Floor control valves.	New amendment that requires approved floor control valves on each level for buildings that are 3 or more stories in height. This improves the ability to quickly shutdown a fire sprinkler system and better isolate specific areas of the building during maintenance to avoid a complete building shutdown.	NEW
15.02.320	907.6.6	Subsection 907.6.6 Amended - Monitoring.	This is an existing amendment that requires a UL certificate on fire alarm systems and a monitoring station with enhanced capabilities. This helps ensure that systems are better maintained, which reduces false alarms. It also helps to ensure system issues are resolved more quickly, reducing fire watch requirements.	Existing
15.02.350	912.3	Section 912.3 Amended - Fire hose threads.	Existing amendment that specifies the connection required on fire department connections so that it is compatible with our equipment. The Olathe standards is a 4" Storz connection.	Existing
15.02.355	912.4	Section 912.4 Amended - Fire department connection access	Modified existing amendment that clarifies required access to fire department connections.	Minor Technical Change
15.02.370	1031	Section 1031 Added – Physical Security.	Existing amendment that establishes enhanced physical security requirements for residential occupancies. This amendment is utilized by several surrounding jurisdictions.	Existing
15.02.390	1202.1	Section 1202.1 Amended – Ventilation.	Existing amendment is retained to revise the mechanical ventilation threshold to 3 air changes per hour to align with local standard practice.	Admin. Change
15.02.391	1612.3	Section 1612.3 Amended – Establishment of flood hazard areas	This amendment provides the title and effective date of the City's Flood Management document.	Admin. Change
15.02.395	3001.6	Section 3001.6 Added – Certificate of Inspection.	This modified amendment now requires an elevator inspection certificate prior to issuance of the certificate of occupancy. Removes additional permitting and fee requirements that were in the previous code that provided little additional benefit.	Minor Technical Change
15.02.401	B101	Appendix B Amended - Board of Code Appeals	Appendix B is now adopted and revised to outline the structure and procedures of the Board of Code Review. This section will contain the makeup and qualifications of the board and outline operational procedures. The amendment consolidates OMC 2.74 into this section. OMC 2.74 is repealed. No technical changes are proposed.	Admin. Change

2018 International Residential Code (IRC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
15.04.040	R101.1	Section R101.1 Amended – Title.	Establishes the 2018 International Residential Code as the Residential Building Code for the City of Olathe.	Admin. Change
15.04.045	R101.2.1	Subsection R101.2.1 Added – Care facilities in a Dwelling	New amendment that provides additional guidance and coverage of in-home care facilities to align with State licensing programs.	NEW
15.04.050	R101.4	Section R101.4 Added – Administration.	Refers to the administrative provisions of the International Building Code to avoid unnecessary duplication.	Admin. Change
15.04.070	R102.5	Section R102.5 Amended – Appendices.	Revised amendment that adopts Appendix Sections E, G, H, K, and O for additional guidance on: -Manufactured Housing -Piping Standards, - NEW -Patio Covers, -Sound Transmission, -Automatic Vehicle Gates,	Significant Technical Change
15.04.080	R103 - R114	Sections R103 through R114 Deleted – Chapter 1 Part 2 – Administration and Enforcement.	Sections R103 through R114 are deleted. Administrative provisions are outlined in the International Building Code.	Existing
15.04.100	Table R301.2(1)	Table R301.2(1) Amended – Climatic and Geographic Design Criteria.	Local climatic and Geographic Design Criteria is provided for the local area as required.	Minor Technical Change
15.04.130	R302.3	Section R302.3 Amended – Two-family dwellings.	Existing amendment that specifies duplex dwelling units must be separated in the same manner as townhome units.	Admin. Change
15.04.160	R303.4	Section R303.4 Amended – Mechanical ventilation.	Existing amendment that revises the air-change per hour value requiring mechanical ventilation to remain at the current value of 3 ach to maintain standard practice in the metropolitan area.	Existing
15.04.170	R306.5	Section R306.5 Added – New single-family dwelling toilet facilities.	Existing amendment that provides requirements for temporary toilet facilities at residential construction sites.	Existing
15.04.179	R309.6	Section R309.6 Added – Residential driveways	New amendment that specifies minimum thickness (4") and slope requirements for driveways.	NEW
15.04.180	R310.6	Section R310.6 Amended – Emergency escape and rescue required.	Updated existing amendment that clarifies when emergency escape and rescue opening requirements will apply for existing basements. Improvements are not required until the basement undergoes a significant renovation or a sleeping area is added.	Admin. Change
15.04.190	R313	Section R313 Amended – Automatic Fire Sprinkler Systems.	This new amendment revises section R312 to indicate that automatic fire sprinkler systems are required in townhome buildings with 3 or more units. Surrounding jurisdictions are already requiring these systems. State laws prohibit automatic sprinkler requirements in one-and two-family dwellings. The section also specifies applicable standards where fire sprinkler systems are provided.	NEW
15.04.195	R314.3	Section 314.3 Amended - Smoke Alarm Location	This new amendment provides additional criteria and clarification for location of smoke alarms. Revisions better align the IRC with NFPA 72.	NEW
15.04.220	R319.2, R319.3, R319.4	Sections R319.2, 319.3 and 319.4 Added – Address identification.	This existing amendment is modified to provide additional requirements for address identification to ensure it is visible for emergency response.	Significant Technical Change
15.04.229	R323.2	Section R323.2 Added - Storm Protection Area Required	New section requiring basements or storm protection areas in residential occupancies to protect occupants from tornados. Aligns requirements with neighboring jurisdictions.	NEW
15.04.230	R328	Section R328 Added – Physical Security.	Existing amendment outlining enhanced physical security requirements in residential occupancies. This amendment is used by several surrounding jurisdictions.	Existing
15.04.260	R403.1.1.1, R403.1.1.2	Subsections R403.1.1.1 and R403.1.1.2 Added – Continuous footing reinforcement & Column pads.	Existing amendment addressing footing and column pad criteria to coordinate with local practice.	Existing
15.04.270	R403.1.6.2	Subsection R403.1.6.2 Added – Anchor bolt spacing.	Existing amendment addressing anchor bolt criteria to coordinate with local practice.	Existing
15.05.275	R404.1.1	Subsection R404.1.1 Amended – Design required.	Existing amendment that coordinates foundation design requirements with local practice and standards.	Admin. Change
15.04.280	R405.1	Section R405.1 Exceptions Added – Concrete or masonry foundations.	Existing amendment that provides additional exceptions for concrete or masonry foundations to align requirements with local practice.	Existing

2018 International Residential Code (IRC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
15.04.289	R506.1.1	Section R506.1.1 Added – Design required.	Existing amendment that coordinates floor slab design requirements with local practice and standards.	Existing
15.04.290	R506.3	Subsection R506.3 Added – Basement floor slab isolation.	Existing amendment to coordinate floor slab isolation requirements with local practice.	Existing
15.04.310	R602.6.1	Subsection R602.6.1 Amended – Drilling and notching of top plate.	Existing amendment to clarify requirements for drilling and notching of top plates to coordinate with local practice.	Existing
15.04.315	R807.1	Subsection R807.1 Added - Attic Access Latch	New section that provides a minor revision to require latches on attic access doors in garages to secure them closed to maintain the required fire resistive separation between the garage and living space.	NEW
15.04.325	N1101.1	Section 1101.1 Amended - Scope	The note following Section 1101.1 is amended to clarify that section numbers following the IRC sections point to the 2018 Edition of the IECC-R rather than the adopted 2012 Edition, therefore they may not indicate the correct section in the adopted code. The sections numbers in parenthesis shall not be considered in the application of this code.	NEW
15.04.330	N1101.13	Section N1101.13 Amended - Compliance.	Revised amendment to coordinate existing energy code compliance with revised code requirements. The intent is to maintain the current practice of accepting Home Energy Rating System (HERS) compliance. The acceptance threshold is lowered from 85 to 80 to improve energy conservation.	Minor Technical Change
15.04.360	N1102.4.1.2	Table N1102.1.2 (R402.1.2) Amended – Insulation and Fenestration Requirements by Component.	Insulation and Fenestration criteria is revised in Table N1102.1.2 to coordinate with local practice.	Minor Technical Change
15.04.390	N1102.4.1.2	Subsection N1102.4.1.2 (R402.4.1.2) Amended – Testing.	Revision of an existing amendment to coordinate with 2018 code and to maintain current local practice. Testing for air leakage remains as "when required by the building official" rather than mandatory on all projects.	Admin. Change
15.04.408	N1103.3.3	Subsection N1103.3.3 (R403.3.3) Amended – Duct testing.	Revision of an existing amendment to coordinate with 2018 code and to maintain current local practice. Duct testing remains as "when required by the building official" rather than becoming mandatory on all projects.	Admin. Change
15.04.409	N1103.3.4	Subsection N1103.3.4 (R403.3.4) Amended – Duct leakage (Prescriptive)	Revision of an existing amendment to coordinate with 2018 code and to maintain current local practice. There are no technical changes to the duct testing requirements, but they are reorganized to match the format of the 2018 code.	Admin. Change
15.04.410	N1103.3.5	Subsection N1103.3.5 (R403.3.5) Amended – Building cavities (Mandatory).	Existing amendment to maintain current local practice. It remains acceptable to utilize building cavities for return air.	Existing
15.16.420	N1103.5.3	Subsection N1103.5.3 Amended – Hot water pipe insulation (Prescriptive).	Hot water pipe insulation requirements are now retained, however they are amended to only apply when hot water piping passes through unconditioned space.	NEW
15.04.430	N1104.1	Section N1104.1 (R404.1) Amended – Lighting equipment (Mandatory).	Existing amendment is retained to maintain current local practice. The mandate for high efficiency lighting is removed.	Existing
15.04.433	N1106.6.4	Section 1106.6.4 (R406.6.4) Amended – ERI based compliance.	Revised amendment intended to maintain current accepted practice. Establishes the acceptable ERI rating at 80 to coordinate with surrounding jurisdictions and to account for other energy code related amendments.	Minor Technical Change
15.04.440	P2503.3	Section P2503.3 Amended – Responsibility of permittee.	Existing amendment clarifies that the permit holder is responsible for providing test equipment, materials and labor for required tests.	Existing
15.04.450	P2603.5.1	Subsection P2603.5.1 Amended – Sewer depth.	Existing amendment defines that permit holders must defer to City of Olathe sewer requirements or Johnson County Wastewater for sewer depth.	Existing
15.04.470	P2906.4.1	Subsection P2906.4.1 Amended – Separation of water service and building sewer.	Existing amendment aligns requirements with City wastewater standards.	Existing
15.04.480	P3002.2.2, P3002.2.3	Subsections 3002.2.2 and 3002.2.3 Added – Drainage pipe in filled ground and sanitary and storm sewers.	Existing amendment aligns requirements with City wastewater and stormwater standards.	Existing
15.04.485	P3005.2.2	Subsection P3005.2.2 Amended – Cleanouts on building sewers.	Existing amendment defines that permit holders must defer to City of Olathe sewer requirements or Johnson County Wastewater for sewer depth.	Admin. Change
15.04.490	E3902.2	Section E3902.2 Exceptions 1 through 4 Added – Garage and accessory building receptacles.	Existing amendment is revised for ground fault circuit interrupter (GFCI) requirements, exempting certain types of outlets that are connected to equipment that may fail to operate properly if placed on a GFCI circuit.	Minor Technical Change

2018 International Residential Code (IRC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
15.04.500	E3902.5	Section E3902.5 Exceptions Revised – Unfinished basement receptacles.	Existing amendment is revised for ground fault circuit interrupter (GFCI) requirements, exempting certain types of outlets that are connected to equipment that may fail to operate properly if placed on a GFCI circuit.	Minor Technical Change
15.04.530	AE607	Section AE607 Added – Severe Storm Safety Measures for Mobile and Modular Homes and Subdivisions.	Existing amendment covering severe storm shelter requirements for mobile home subdivisions.	Existing
15.04.535	AO103.3	Section AO103.3 Added - Emergency operation of security gates.	New section adds provisions for emergency operation of electrical and mechanical gates installed across fire apparatus access roads and driveways.	NEW

2018 International Existing Building Code (IEBC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
15.06.031	101.1	Section [A] 101.1 Amended - Title	Section establishes the 2018 IEBC and the amendments in OMC Title 15.06 as the Existing Building Code for the City of Olathe	Admin. Change
15.06.040	101.6	Section [A] 101.6 Amended - Appendices	Adopts Appendix B and C for additional requirements and guidance on accessibility requirements and wind retrofit of existing buildings.	Admin. Change
15.06.050	101.8	Section [A] 101.8 Added – Administration	Refers to OMC 15.02 and IBC Chapter 1 for Administrative and Enforcement Provisions.	Existing
15.06.070	103 - 117	Sections 103 - 117 Deleted - Administration and Enforcement	Sections 103-117 are deleted. Administration and Enforcement are covered by OMC 15.02 and the IMC.	Existing

2018 International Plumbing Code (IPC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
15.08.031	101.1	Section [A] 101.1 Amended - Title	Establishes the 2018 International Plumbing Code and amendments in OMC 15.08 as the Plumbing Code for the City of Olathe	Admin. Change
15.08.040	101.5	Section [A] 101.5 Added – Appendices.	Adopts Appendix Sections C for additional guidance on Structural Safety.	Admin. Change
15.08.050	101.6	Section [A] 101.6 Added – Administration.	Refers to OMC 15.02 and IBC Chapter 1 for administrative and enforcement provisions	Existing
15.08.060	102.8.3	Section [A] 102.8.3 Added – Referenced codes and standards	This revised amendment indicates that service lines and connections to water and sewer utilities must comply with the utility's requirements. Where conflicts exist, the most restrictive provisions apply.	Admin. Change
15.08.070	130-110	Sections [A] 103 through [A] 110 Deleted – Chapter 1 Part 2 – Administration and Enforcement.	Sections 103 through 110 are deleted. Administrative and enforcement provisions are listed in OMC 15.02 and IBC Chapter 1.	Existing
15.08.080	305.4.1	Section 305.4.1 Amended – Sewer depth.	Establishes a minimum sewer cover depth. The city is covered by two sewer utilities, therefore the designers must refer to the appropriate utility provider requirements for guidance.	Admin. Change
15.08.083	308.1	Section 308.10 Amended - Thermal Expansion Tanks	New amendment indicating that thermal expansion tanks shall be supported in accordance with manufacturer's instructions.	NEW
15.08.085	T403.1, e.	Table 403.1, footnote 'e' Amended - Service Sinks	Footnote e is modified to indicate service sinks may not be required depending upon the use and conditions of the space. This provides additional exceptions for facilities where a service sink would not be necessary for normal operations.	NEW
15.08.087	410.4	Section 410.4 Amended - Drinking Fountain Substitutions	New amendment provides additional substitutions for drinking fountain requirements. This will allow break room sinks, water coolers and bottle fillers to substitute for drinking fountains.	NEW
15.08.090	608.7	Section 608.7 Amended – Cross Connection Control.	The existing amendment is modified to outline requirements for cross connection protection, testing, fees and the City's reimbursement program. The existing amendment was revised to follow the IPC formatting.	Admin. Change
15.08.100	608.16.4	Subsection 608.16.4 Exception Added – Protection by a Vacuum Breaker.	This modified exception provides revised installation criteria for vacuum breaker devices when on the City of Olathe Water System	Admin. Change
15.08.120	703.1	Section 703.1 Amended – Building sewer pipe near the water service.	Existing amendment coordinating with utility provider requirements for building sewer pipes near the water service.	Existing
15.08.130	703.2	Section 703.2 Amended – Drainage pipe in filled ground.	Existing amendment coordinating with utility provider requirements for drainage pipe in filled ground.	Existing
15.08.140	703.3	Section 703.3 Amended – Sanitary and storm sewers.	Existing amendment coordinating with utility provider requirements for sanitary and storm sewers.	Existing
15.08.160	708.1.2	Subsection 708.1.2 Amended – Building sewers.	Existing amendment coordinating with utility provider requirements for building sewers.	Existing
15.08.170	903.1	Section 903.1 Amended – Roof extension.	Existing amendment establishes the minimum required height of vent terminations above the roof.	Admin. Change
15.08.180	1003.1	Section 1003.1 Amended – Where Required.	Existing amendment coordinating with utility provider provisions to indicate where grease interceptors and separators are required.	Admin. Change
15.08.190	1003.1.1	Subsection 1003.1.1 Added – Grease interceptors required.	Existing amendment coordinating with utility provider requirements for grease interceptors.	Admin. Change
15.08.200	1003.1.2	Subsection 1003.1.2 Added – Point of use grease interceptors.	Existing amendment coordinating with utility provider requirements for point of use grease interceptors.	Admin. Change
15.08.210	1003.3.1	Subsection 1003.3.1 Amended – Grease interceptors.	Existing amendment is revised to relate new code language to utility provider requirements for grease interceptors and point of use grease interceptors.	Admin. Change
15.08.220	1003.3.2.1	Subsection 1003.3.2.1 Added – Food waste grinders prohibited.	Existing amendment is revised to relate new code language to utility provider requirements prohibiting food waste grinders on new commercial occupancies.	Existing
15.08.240	1003.3.5.1.1	Subsection 1003.3.5.1.1 Added – Large-capacity grease interceptor sizing	Existing amendment is revised to relate new code language to utility provider requirements for large-capacity grease interceptor sizing.	Minor Technical Change

2018 International Plumbing Code (IPC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
15.08.241	1003.3.5.3	Subsection 1003.3.5.3 Added – Grease interceptor requirements.	Existing amendment is revised to relate new code language to utility provider requirements for grease interceptor location and design criteria.	Admin. Change
15.08.250	1003.3.5.4	Subsection 1003.3.5.4 Added – Construction standards and inspections.	Existing amendment is revised to relate new code language to utility provider requirements for construction standards and inspections for grease interceptors.	Admin. Change
15.08.260	1003.3.5.5	Subsection 1003.3.5.5 Added – Pumping, cleaning and maintenance.	Existing amendment is revised to relate new code language to utility provider requirements for pumping, cleaning and maintenance of grease interceptors.	Minor Technical Change
15.08.270	1003.3.5.6	Subsection 1003.3.5.6 Added – Recommended food service facility Best Management Practices (BMPs).	Existing amendment is revised to relate new code language to utility provider requirements for food service facility best management practices (BMPs).	Admin. Change
15.08.280	1202.1	Section 1202.1 Amended – Nonflammable medical gases.	Existing amendment is revised for clarity. This amendment refers to State requirements for work on medical gas systems.	Admin. Change

2018 International Mechanical Code (IMC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
15.10.031	101.1	Section R101.1 Amended - Title	Establishes the 2018 International Mechanical Code and amendments in OMC Title 15.10 as the Mechanical Code for the City of Olathe.	Admin.
15.10.040	101.5	Section [A] 101.5 Added – Administration.	Refers to OMC 15.02 and IBC Chapter 1 for administration and enforcement.	Existing
15.10.060	102.12	Section [A] 102.12 Added – State Boiler Inspector.	Revised existing amendment that refers to State boiler safety requirements.	Minor Technical Change
15.10.070	103-110	Sections 103 through 110 Deleted – Chapter 1 Part 2 – Administration and Enforcement.	Refers to OMC 15.02 and IBC Chapter 1 for administrative and enforcement provisions	Existing
15.10.080	401.2	Section 401.2 Amended – Ventilation required.	Ventilation requirement is modified to 3 air changes per hour to coordinate with other related codes and to maintain local industry standard practice.	Existing

2018 International Fuel Gas Code (IFGC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
15.12.031	101.1	Section R101.1 Amended - Title	Establishes the 2018 International Fuel Gas Code and amendments in OMC Title 15.12 as the Fuel Gas Code for the City of Olathe.	Admin. Change
15.12.040	101.5	Section [A] 101.6 Added – Administration.	Refers to OMC 15.02 and IBC Chapter 1 for administration and enforcement.	Existing
15.12.060	103-110	Sections 103 through 110 Deleted – Chapter 1 Part 2 – Administration and Enforcement.	Sections deleted - administration and enforcement is covered by OMC 15.02 and IBC Chapter	Existing

2017 National Electrical Code (NEC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
15.14.040	90.4, 90.4.1	Section 90.4 Added Amended – Administration	Amendments to refer to the IBC and OMC 15.02 for administration and enforcement. 90.4.1 establishes this document as the Electrical Code for the City.	Admin. Change
15.14.050	210.8(A)(2)	Subsection 210.8 (A) (2) Exceptions Added – GFCI protection for garage and accessory building receptacles.	Amends GFCI requirements to match provisions in the Residential Code. Additional exceptions are provided for GFCI receptacles in garages and accessory buildings.	Minor Technical Change
15.14.060	210.8(A)(5)	Subsection 210.8 (A) (5) Exceptions Amended – GFCI protection for unfinished portions or areas of the basement not intended as habitable rooms	Amends GFCI requirements to match provisions in the Residential Code. Additional exceptions are provided for GFCI receptacles in unfinished basements.	Minor Technical Change

2012 International Energy Conservation Code (IECC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
15.16.040	C101.1	Section C101.1 Amended - Title	Establishes the 2012 IECC and amendments in OMC 15.16 as the Energy Conservation Code for commercial occupancies.	Admin.
15.16.050	C101.6	Section C101.6 Added – Administration.	Refers to OMC 15.02 and IBC Chapter 1 for administrative and enforcement provisions	Existing
15.16.060	C104	Section C104 Deleted – Inspections.	Section deleted - administration provisions are in OMC 15.02	Existing
15.16.070	C107	Section C107 Deleted – Fees.	Section deleted - administration provisions are in OMC 15.02	Existing
15.16.080	C108	Section C108 Deleted – Stop Work Order.	Section deleted - administration provisions are in OMC 15.02	Existing
15.16.090	C109	Section C109 Deleted – Board of Appeals.	Section deleted - administration provisions are in OMC 15.02	Existing
15.16.110	C402.3.2	Subsection C402.3.2 Deleted – Minimum skylight fenestration area.	Existing amendment deletes mandatory skylight requirements, leaving the decision to utilize them up to designers and building owners.	Existing
15.16.130	C408	Section C408 Deleted – System Commissioning.	Existing amendment deletes mandatory commissioning requirements. Many building owners perform commissioning voluntarily as part of optional energy efficiency programs (i.e. LEED)	Existing
15.16.131	R101.1	Section R101.1 Amended - Title	Establishes the 2012 IECC and amendments in OMC 15.16 as the Energy Conservation Code for residential occupancies.	Admin.
15.16.140	R101.2	Section R101.2 Exception Added - Scope	New exception indicates that buildings designed under the IRC shall follow IRC requirements for energy code provisions.	Admin.
15.16.160	R101.6	Section R101.6 Added – Administration.	Existing amendment refers to OMC 15.02 and IBC Chapter 1 for administrative and enforcement provisions	Existing
15.16.180	R104	Section R104 Deleted – Inspections.	Section deleted - administration provisions are in OMC 15.02	Existing
15.16.190	R107	Section R107 Deleted – Fees.	Section deleted - administration provisions are in OMC 15.02	Existing
15.16.200	R108	Section R108 Deleted – Stop Work Order.	Section deleted - administration provisions are in OMC 15.02	Existing
15.16.210	R109	Section R109 Deleted – Board of Appeals.	Section deleted - administration provisions are in OMC 15.02	Existing
15.16.215	401.2	Section 401.2 Amended - Compliance	Section is revised to provide three options for energy code compliance, including the HERS approach. The intent is to maintain current practice, however the pass threshold for the HERS rating is lowered from 85 to 80 to improve energy conservation.	Minor Technical Change
15.16.220	R402.1.1	Table R402.1.1 Amended – Insulation and Fenestration Requirements by Component.	Table R402.1.1 is amended to coordinate insulation and fenestration requirements with the IRC.	Minor Technical Change
15.16.250	R402.4.1.2	Subsection R402.4.1.2 Amended – Testing.	Existing amendment revises section to only require ventilation testing when required by the Building Official.	Existing
15.16.260	403.2.2, 403.2.2.1	Subsection R403.2.2 Amended – Sealing (Mandatory).	Modified amendment provides sealing requirements for mechanical systems and outlines the testing and leakage criteria. Duct testing remains as "when required by the building official."	Admin.
15.16.260	403.2.2.2	Continued... Subsection R403.2.2 Amended – Sealing (Mandatory).	Continued... Amends sealing requirements for mechanical systems and outlines the testing and leakage criteria.	Admin.
15.16.270	R403.2.3	Subsection R403.2.3 Amended – Building cavities (mandatory).	Existing amendment is retained to allow the continued use of building cavities as return air pathways.	Existing
15.16.280	R403.4.2	Subsection R403.4.2 Amended – Hot water pipe insulation (Prescriptive).	Hot water pipe insulation requirements are now retained, however they are amended to only apply when hot water piping passes through unconditioned space. .	NEW
15.16.290	R404	Section R404 Amended – Lighting equipment (Mandatory).	Existing amendment is retained to remove electrical power lighting equipment provisions to match local standards and to align with the IRC.	Existing

2012 International Energy Conservation Code (IECC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
15.16.295	R406	Section R406 Added - Energy Rating Index Compliance Alternative	A new section is added to address the ERI method for compliance. This maintains the existing practice of utilizing this method and revises the required rating to 80.	NEW

2018 International Swimming Pool and Spa Code (ISPSC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
15.20.031	101.1	Section 101.1 Amended - Title	Establishes the 2018 ISPSC and the amendments in OMC 15.20 as the Swimming Pool and Spa Code for the City of Olathe.	Admin. Change
15.20.040	101.5	Section 101.5 Added – Administration.	Indicates that admirative and enforcement provisions are in OMC 15.02 and Chapter 1 of the IBC.	Existing
15.20.050	103-108	Sections 103 through 108 Deleted – Chapter 1 Part 2 – Administration and Enforcement.	Sections 103 through 108 are deleted. Administration and enforcement are covered by the IBC.	Existing
15.20.060	305.2.1	Subsection 305.2.1 Amended – Barrier height and clearances.	Existing amendment is updated to new code . Barrier heights are modified to require 6-foot barriers for public and non-residential pools. Residential pools may have 4-foot barriers.	Admin. Change
15.20.065	305.4	Section 305.4 Amended - Structure wall as a barrier.	A new amendment is provided allowing an additional option is for door and window alarms is provided for 1 and 2 family dwellings to allow the use of a home security system to provide the required audible warning in lieu of a water hazard entrance alarm.	NEW
15.20.070	321.1.1	Subsection 321.1.1 Added – Lighting operation.	Existing amendment is retained adding a new section to the code to prevent pool lighting from being a nuisance to surrounding properties.	Existing
15.20.080	401.1	Section 401.1 Amended – Public swimming pools.	Existing amendment provides additional criteria for public pools, including lifeguard requirements, hours of operation, nuisance limitations and safety equipment.	Existing

2018 International Property Maintenance Code (IPMC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
15.10.031	101.1	Section 101.1 Amended - Title	Establishes the 2018 International Property Maintenance Code and amendments in OMC Title 15.10 as the Property Maintenance Code for the City of Olathe.	Admin. Change
15.10.035	101.2	Section 101.2 Amended - Scope	Clarifies the scope and purpose of the IPMC. <u>The revisions of this section will consolidate requirements of 15.22 and 15.38 and OMC 15.38 will be repealed.</u> This is an administrative change and no significant requirement changes are proposed.	Admin. Change
15.22.040	103.1	Section 103 Amended – Creation of Enforcement agency.	Designates the Community Enhancement Unit within the Building Codes Division as the enforcement agency under the direction of the Chief Building Official.	Admin. Change
15.22.043	103.2	Section 103.2 Deleted - Appointment	Section 103.2 deleted - not applicable	Admin. Change
15.22.047	103.5	Section 103.5 Deleted - Fees	Section 103.5 deleted - not applicable	Admin. Change
15.22.050	106.1	Section 106.1 Amended – Violations.	Amended amendment outlines what is defined as an unlawful act under this code.	Admin. Change
15.22.060	106.4	Section 106.4 Amended – Violation Penalties.	Existing amendment defines the penalties for failure to comply with this code.	Admin. Change
15.22.063	107.2	Section 107.2 Amended - Notification form	IPMC language is modified to carry over notification requirements from repealed OMC 15.38	Admin. Change
15.22.070	111	Section 111 Amended – Means of Appeal.	Existing amendment provides guidance for an appeal, and designates the Board of Code Review as the Board of Appeals.	Admin. Change
15.22.072	301.4	Section 301.4 Added - Repairs after casualty damage	Retains requirements from 15.28 for repairs required after fire, wind or other damage to a property, Repairs must be initiated or completed within 90 days after damage occurs.	Admin. Change
15.22.073	301.5	Section 301.5 Added - Repairs	Retains repair requirements from 15.38. Repairs must use materials matching surrounding materials.	Admin. Change
15.22.075	302.1.1	Section 302.1.1 Added - Animal Sanitation	Requirements are brought in from OMC 15.38 to cover animal sanitation.	Admin. Change
15.22.076	302.1.2	Section 302.1.2 Added - Unsanitary premises.	Requirements are brought from OMC 15.38 to cover unsanitary premises, including accumulation of garbage and debris, rodents, etc.	Admin. Change
15.22.078	302.3	Section 302.3 Amended - Hard Surfaces, Sidewalks and Driveways.	The IPMC section is modified to include additional requirements as currently enforced under 15.38 for hard surfaces, sidewalks and driveways.	Admin. Change
15.22.080	302.4	Section 302.4 Amended - Land Maintenance	IPMC section is modified to match language currently in 15.38 for land maintenance.	Admin. Change
15.22.083	302.7	Section 302.7 Amended - Accessory Structures.	IPMC section is modified to match language currently in 15.38 for maintenance of accessory structures.	Admin. Change
15.22.085	302.8	Section 302.8 Amended - Outdoor Storage - 1- and 2-family dwellings.	Section 302.8 is repealed and replaced with requirements from 15.38 pertaining to Outdoor storage at one- and two-family dwellings.	Admin. Change
15.22.085	302.9	Section 302.9 Amended - Outdoor Storage - other property.	Section 302.9 is repealed and replaced with requirements from 15.38 pertaining to Outdoor storage at other property.	Admin. Change
15.22.090	303	Section 303 Amended - Swimming Pools, Spas, Hot Tubs, Ponds and Reservoirs.	Section 303 is modified to match requirements currently in 15.38. This adds ponds and reservoirs to bodies of water that must be maintained to avoid nuisance and health hazards.	Admin. Change
15.22.100	304.5	Section 304.5 Amended - Foundation Walls	Section 304.5 is modified to include additional language currently in 15.38 for maintenance of foundation walls.	Admin. Change
15.22.105	304.14	Section 304.14 Amended - Insect screens.	The section is amended as required to establish the date range in which insect screens are required to be in place.	Minor Technical Change
15.22.120	308	Section 308 Deleted	This subject of rubbish and garbage is regulated in OMC Title 6 and is therefore not necessary here.	Admin. Change
15.22.123	602.3	Section 602.3 Amended - Heat Supply.	The section is amended as required to establish the date range in which heating is required in occupied spaces.	Minor Technical Change
15.22.124	602.4	Section 602.4 Amended - Occupiable work spaces.	Section 602.4 is amended to recognize that interior heat is not required in some work spaces that are intended to be cold (cooler/freezer warehouses) and those that are not intended to be regularly occupied (storage warehouses).	Minor Technical Change

2018 International Fire Code (IFC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
16.05.040	101.1	Section [A] 101.1 Amended - Title and Jurisdiction.	Establishes the 2018 International Fire Code with the amendments herein as the Fire Code for the City of Olathe.	Existing
16.05.050	101.2.1	Subsection [A] 101.2.1 Amended - Appendices.	Adopts Appendix Sections B, C, D, H, and I to provide criteria for: fire flow; fire hydrant locations; fire apparatus access roads; hazardous materials management plans and inventory statements; and non-compliant conditions for fire protection systems.	Minor Technical Change
16.05.060	102.7	Section [A] 102.7 Amended - Referenced codes and standards.	Existing amendment is modified to outline requirements of NFPA 495 to comply with State Explosives regulations. The previous amendment separately listed each modification of 495. This amendment is simplified to just refer to the modified version as adopted by the State of Kansas.	Admin. Change
16.05.065	102.13	Subsection [A] 102.13 Added - Home child daycares.	Existing amendment references Johnson County Home Daycare Handbook for clarified requirements in home daycares. The handbook was reviewed and updated in 2018 by participating jurisdictions in Johnson County.	Admin. Change
16.05.070	103.1	Section 103.1 Amended - Department of Fire Prevention.	Establishes the Community Risk Reduction Section of the Olathe Fire Department as the department of fire prevention.	Admin. Change
16.05.075	105.1.7	Subsection [A] 105.1.7 Added - County license required	New amendment coordinates requirements with the IBC. Requires county contractor license for all work requiring a permit with the exception of homeowners working in their own home. This is a county wide program to ensure contractors are properly trained and insured to perform work.	Admin. Change
16.05.101	105.6	Section 105.6 Amended - Required operational permits.	Establishes requirements for operational permits pertaining to hazardous materials, open burning, explosives, special amusement buildings, and mobile food preparation vehicles. Significant revisions were made to clarify the section and to add operational permits for special amusement buildings, temporary tents over 900 SF and mobile food trucks.	Significant Technical Change
16.05.135	109	Section [A] 109 Amended - Board of Appeals	The entire section is replaced. Designates the Board of Code Review as the board of appeals.	Admin. Change
16.05.140	110.4	Section [A] 110.4 Amended - Violation penalties.	Existing amendment establishes penalties for failure to comply with the provisions of this code.	Admin. Change
16.05.145	112.4	Section [A] 112.4 Amended - Unlawful continuance	Amendment clarifies that continuing to engage in unpermitted work or occupancy of an unsafe building is subject to enforcement action and violation penalties.	Admin. Change
16.05.150	307	Section 307 Amended - Open burning, Recreational Fires and Portable Outdoor Fireplaces.	Revised amendment outlines the permit requirements and regulations for commercial, residential and agricultural open burning.	Significant Technical Change
16.05.155	308.1.4	Section 308.1.4 Amended - Open flame cooking devices.	New amendment regulates open flame cooking devices on decks and balconies of multi-family residential occupancies. It is unsafe to operate barbeque grills on balconies of apartment buildings of combustible construction. Gas-fueled grills can be permitted when the balcony or deck is protected by fire sprinklers.	NEW
16.05.170	310.2	Section 310.2 Amended - Prohibited areas.	Existing amendment prohibits smoking within buildings per Title 6.20 of the Municipal Code with limited exceptions permitted by State Law.	Existing
16.05.175	310.7.1	Subsection 310.7.1 Added - Smoking receptacles required	New amendment that requires building owners where smoking is permitted by municipal code and state law to provide approved smoking material receptacles.	NEW
16.05.180	312.4	Subsection 312.4 Added - Protection of utility equipment.	Existing amendment that requires protection of utility equipment where subject to vehicle impact to avoid electrical or natural gas emergencies.	Existing
16.05.185	315.7.6(1)	Table 315.7.6(1) Amended - Separation distance between pallet stacks and buildings.	New amendment that corrects published errors/typos in IFC Table 315.7.6(1)	NEW
16.05.190	403.12.3	Section 403.12.3 Amended - Crowd managers.	Existing amendment has been modified to revise requirements for crowd managers. Maintains 1,000 occupant threshold and provides additional exception for outdoor, unrestricted events. This section defines when crowd managers are required and what duties they are to perform.	Significant Technical Change
16.05.192	405.2	Section 405.2 Exception Added - emergency drills in Group E occupancies.	Exception added to defer emergency drill frequency to state regulations in K.A.R. 22-18-2.	Admin. Change
16.05.194	407.5	Section 407.5 Amended - Hazardous Materials Inventory Statement	New amendment that specifies when Hazardous Materials Inventory Statements are required. The requirement is tied to facilities that require a hazardous materials permit.	NEW
16.05.196	407.6	Section 407.6 Amended - Hazardous Materials Management Plan	New amendment that specifies when Hazardous Materials Management Plans are required. The requirement is tied to facilities that require a hazardous materials permit.	NEW

2018 International Fire Code (IFC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
16.05.198	503.1	Section 503.1 - Fire apparatus access roads	Existing amendment that directs designers to follow both this section and Appendix D for fire apparatus road requirements.	Admin. Change
16.05.200	503.3.1	Section 503.3.1 Marking requirements.	Existing amendment that provides the criteria for marking of fire lanes. These criteria are coordinated with surrounding fire departments to ensure uniformity during automatic aid response.	Admin. Change
16.05.205	503.6	Section 503.6 Amended - Security gates	New amendment that provides requirements when security gates are installed across fire apparatus access roads (fire lanes). Electrically and mechanically controlled gates require emergency operation. These criteria are coordinated with surrounding fire departments to ensure uniformity during automatic aid response.	NEW
16.05.210	505.1	Subsection 505.1 Amended - Address identification.	Existing and updated amendment provides requirements and criteria for address identification on commercial and residential properties. New provisions indicate that address numbers are required during construction until permanent numbers are installed.	Minor Technical Change
16.05.212	506.1	Section 506.1 Amended - Key boxes - where required.	Updated amendment outlines when key box ("Knox Box" ®) is required. Key boxes are required when electronically monitored fire sprinkler or fire alarm systems are provided.	Minor Technical Change
16.05.215	507.1.1	Subsection 507.1.1 Added - Water distribution system impairment.	This new amendment requires water utility companies serving the City to notify the fire department when there is a system impairment affecting water supply for fire fighting. We are well informed when City of Olathe water systems are under repair or impairment, but are not typically made aware when WaterOne systems are impaired.	NEW
16.05.217	507.5	Subsection 507.5 Amended - Hydrant for fire department connections.	This existing amendment requires a fire hydrant within 100-feet of a fire department connection for standpipe and automatic fire sprinkler systems. This is an existing amendment that was revised and relocated from a different section. The restriction on use of private hydrants is removed to coordinate with WaterOne practices.	Minor Technical Change
16.05.220	507.5.7	Subsection 507.5.7 Added -Fire hydrant color.	Existing amendment specifies the color for fire hydrants. Public hydrant colors are specified by the water utility. Private hydrants are required to be red.	Admin. Change
16.05.230	901.1.1	Subsection 901.1.1 Added - Responsibility.	Existing amendment clarifies that building owners are responsible for maintaining the fire protection systems in their buildings, whether installed new, or existing in a building they have purchased.	Existing
16.05.250	901.4.5.1	Subsection 901.4.5.1 Added - Non-operational equipment.	Modified existing amendment clarifies that fire and life safety systems that have been removed from service must be removed from the building so that the do not provide a false sense of safety.	Minor Technical Change
16.05.260	901.4.7	Subsection 901.4.7 Added - Existing installations - supervision.	Existing amendment clarifies that existing systems must continue to be electronically monitored as required by the original code of record when the facility was constructed.	Existing
16.05.270	901.6.3	Subsection 901.6.3 Added - Test documentation.	Existing amendment requires documentation for annual testing performed by maintenance contractors to be submitted to the City's third-party reporting system; Compliance Engine.	Existing
16.05.280	901.6.4	Subsection 901.6.4 Added - Qualifications of inspection, testing and maintenance personnel.	Existing amendment specifies minimum qualifications for inspection, testing and maintenance personnel to ensure that persons inspecting and maintaining life safety systems have proper training.	Existing
16.05.282	903.2.9(6)	Subsection 903.2.9(6) Added - Group S-1 self-service storage automatic sprinkler system.	This new amendment lowers the threshold for fire sprinkler requirements in self-storage facilities. These facilities can have a wide range of items stored within in them, including hazardous materials, upholstered furniture, plastics and other high fuel loads; any of which would result in a significant fire. This amendment sets the threshold for fire sprinkler protection at the same square footage as facilities that contain upholstered furniture.	NEW
16.05.284	903.3.1.2.1	Subsection 903.3.1.2.1 Amended - Sprinkler protection for balconies and decks.	This new amendment clarifies the requirements for fire sprinkler protection of balconies and decks in multi-family structures regardless of construction type. Most multi-family buildings are constructed with combustible materials so this will not be a significant change as it is already required in this type of building.	NEW
16.05.285	903.3.1.2.3	Subsection 903.3.1.2.3 Amended - Protection of attics.	This new amendment requires protection of combustible attics in multi-family residential buildings regardless of height. The code as written does not require sprinklers in combustible attics unless they are greater than 55-feet high. Several of the large loss fires in Olathe and throughout Johnson County in the past 5 years are the result of combustible attics in multi-family apartment structures not having fire sprinkler protection. This amendment will require the fire sprinkler protection regardless of height, or designers can utilize other options to reduce combustibility.	NEW

2018 International Fire Code (IFC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
16.05.286	903.3.1.2.4	Subsection 903.3.1.2.4 Added - Sprinkler protection for attached garages - 13R.	This new amendment requires sprinklers in attached garages of multi-family buildings when provided with a sprinkler system. The code as written does not require sprinklers in garages of multifamily residences when protected by a residential (13R) sprinkler system. This is a common origin for fires that can be easily protected by dry-sidewall sprinklers to improve fire protection and life safety.	NEW
16.05.288	903.3.1.3.1	Subsection 903.3.1.3.1 Added - Sprinkler protection for attached garages - 13D	This new amendment requires sprinklers in attached garages of townhomes when provided with a sprinkler system. The code as written does not require sprinklers in garages of townhome residences when protected by a residential (13D) sprinkler system. This is a common origin for fires that can be easily protected by dry-sidewall sprinklers to improve fire protection and life safety.	NEW
16.05.289	903.3.5.3	Subsection 903.3.5.3 Added - Main control valves.	This new amendment requires a main shut-off valve for fire sprinkler systems and provides requirements for access to the valve. This will only apply to buildings with the backflow preventer for the fire sprinkler system installed outside of the building in a vault.	NEW
16.05.290	903.4.1	Subsection 903.4.1 Amended - Monitoring.	This existing amendment outlines the requirements for electronic monitoring of fire sprinkler systems and provides exceptions where electronic monitoring is not feasible or appropriate. Additional exceptions are provided when electronic monitoring is not feasible.	Minor Technical Change
16.05.300	903.4.2	Subsection 903.4.2 Amended - Alarms.	This section requires fire alarm notification throughout a building when a fire sprinklers system is required. This is an existing amendment that is shared by several neighboring jurisdictions. Revisions to the amendment clarify that the notification design must comply with NFPA 72.	Minor Technical Change
16.05.305	903.4.3	Subsection 903.4.3 Amended - Floor control valves.	This new amendment requires approved floor control valves on each level for buildings that are 3 or more stories in height. This improves the ability to quickly shutdown a fire sprinkler system and better isolate specific areas of the building during maintenance to avoid a complete building shutdown.	NEW
16.05.310	907.6.6	Subsection 907.6.6 Amended - Monitoring.	This is an existing amendment that requires a UL certificate on fire alarm systems and a monitoring station with enhanced capabilities. This helps ensure that systems are better maintained, which reduces false alarms. It also helps to ensure system issues are resolved more quickly, reducing fire watch requirements.	Existing
16.05.340	912.3	Section 912.3 Amended - Fire hose threads.	Existing amendment specifies the connection required on fire department connections so that it is compatible with our equipment. Olathe utilizes a 4" Storz connection.	Existing
16.05.341	912.4	Section 912.4 Amended - Fire department connection access	This new amendment clarifies required access to fire department connections.	NEW
16.05.351	1103.5.1	Subsection 1103.5.1 - Existing Group A-2 fire sprinkler systems.	The amendment to this code section provides a deadline of 12/31/2020 for the addition of fire sprinklers to existing A-2 occupancies with more than 300 occupants. The code as written would require immediate compliance. The section would have otherwise been applicable immediately upon adoption.	NEW
16.05.361	1103.5.3	Subsection 1103.5.3 - Existing Group I-2, Condition 2 sprinkler systems.	The amendment to this code section provides a deadline of 12/31/2020 for the addition of fire sprinklers to existing I-2 occupancies. The code as written would require immediate compliance.	NEW
16.05.370	1104.25	Section 1104.25 Deleted - Egress path markings.	This retroactive requirement for photoluminescent egress path marking is deleted. It has limited application in the City of Olathe and implementation would be problematic.	Existing
16.05.373	3103.2	Section 3103.2 Amended - Approval required.	The existing amendment is modified to increase the size limit of tents and membrane structures requiring a permit to 900 SF to coordinate with neighboring jurisdictions.	Minor Technical Change
16.05.375	3310.1	Section 3310.1 Amended - Access for firefighting.	This new amendment enhances requirements for fire apparatus access for projects under construction to ensure that fire apparatus can get to each building under construction for fire or medical emergencies.	NEW
16.05.377	5607.4	Section 5607.4 Amended - Restricted hours	This new amendment specifies the hours during which blasting can be conducted to coordinate with the City's Technical Specification.	NEW
16.05.381	5704.2.13.1	Subsection 5704.2.13.1 Amended - Underground tanks out of service for one year.	This new amendment modifies and clarifies the requirements for flammable liquid storage tanks that are removed from service. The amendment will require removal of tanks rather than abandonment in place.	NEW
16.05.405	D103.4	Table D103.4 Amended - Requirements for dead-end fire apparatus roads	The Table is revised to coordinate with the City's current requirements for turnarounds on dead end roads.	Significant Technical Change

2018 International Fire Code (IFC) Amendment Summary				
OMC	Section	Subject	Reason Statement	Change Type
16.05.380	n/a	Establishment of Above Ground Storage of Flammable Liquid Limits.	Existing amendment establishes zoning districts where flammable liquid tanks are not permitted.	Existing
16.05.385	n/a	Establishment of Limitations on Flammable Cryogenic Fluids	New amendment establishes zoning districts where storage of flammable cryogenic fluids is not permitted.	NEW
16.05.390	n/a	Establishment of Storage of Liquefied Petroleum Gas Limits.	Existing amendment establishes zoning districts where storage of liquefied petroleum gas is not permitted.	Existing
16.05.400	n/a	Establishment of Explosives Storage Limits.	Existing amendment establishes zoning districts where explosives storage is not permitted.	Existing