

ORDINANCE NO. 2348

INTRODUCED BY: _____

AN ORDINANCE AMENDING VARIOUS SECTIONS OF ARTICLE IV OF CHAPTER 5 OF THE COMMERCE CITY REVISED MUNICIPAL CODE TO ADD PROJECT TYPES AND CONSTRUCTION THRESHOLDS ELIGIBLE FOR BUILDING PERMIT EXEMPTIONS AND TO ADD TECHNICAL FOOTNOTES IN AMENDED INTERNATIONAL CODES PREVIOUSLY ADOPTED BY REFERENCE

WHEREAS, pursuant to Ordinances No. 2216, No. 2217, No. 2218, No. 1902, No. 2150, No. 2242, No. 2223, No. 2222, and No. 2221, the City Council of the City of Commerce City previously adopted amended versions of the 2018 International Building Code (IBC), 2018 International Residential Code (IRC), 2018 International Existing Building Code (IEBC), 2006 International Code Council Electrical Administrative Provisions (EAP), 2018 International Plumbing Code (IPC), 2018 International Mechanical Code (IMC), and 2018 International Fuel Gas Code (IFGC);

WHEREAS, the adopted codes include administrative provisions which specify the requirements for the establishment of a building department; the department's purpose, function, and obligations; the duties and powers of the jurisdiction's appointed building official; and the general application of the code;

WHEREAS, the adopted codes, as published by the International Code Council before local amendments are incorporated, include project types and construction thresholds that are eligible for exemption from permit provided such projects meet the relevant provisions of the applicable codes;

WHEREAS, the aforementioned sections of the Commerce City Municipal Code include City-specific amendments to the administrative provisions and permit exemptions of the adopted international codes;

WHEREAS, the project types and construction thresholds exempt from permit, including those additional exemptions proposed herein, are minor or temporary in nature, have no adverse impact on public health and general welfare, and have been proven nationwide to be successfully constructed and in compliance with the building code without oversight by the jurisdictions' building department;

WHEREAS, the City's resources are better utilized issuing permits, reviewing plan and conducting inspections for construction that, if left unregulated, could have an adverse effect on public health and general welfare;

WHEREAS, moreover, footnotes to provisions regulating acceptable underground plumbing materials in the IPC were accidentally omitted during the previous international code adoption process; and

WHEREAS, the City Council finds it in the best interests of the residents of the City of Commerce City, and is necessary for the public's health, safety and welfare to amend Sections 5-4101(f), 5-4201(e), 5-4301(e), 5-4502(e), 5-4603(e), 5-4701(e), AND 5-4801(e) of the Commerce City Revised Municipal Code in the manner set forth in the attached Exhibit A.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COMMERCE CITY, COLORADO, AS FOLLOWS:

SECTION 1. Findings. The recitals to this ordinance are incorporated as findings of the City Council. This ordinance is found to be necessary for the preservation of the public health, safety, and welfare and in the public interest.

SECTION 2. Amendments. The Commerce City Revised Municipal Code is hereby amended as set forth in "Exhibit A" to this Ordinance, attached hereto and incorporated herein by reference.

SECTION 3. Repealer. All other ordinances or portions thereof inconsistent or conflicting with this ordinance or any portion hereof are hereby repealed to the extent of such inconsistency or

SECTION 4. Effective Date. This ordinance shall be effective immediately upon passage on second and final reading.

INTRODUCED, PASSED ON FIRST READING AND PUBLIC NOTICE ORDERED THIS 20TH DAY OF SEPTEMBER, 2021.

PASSED ON SECOND AND FINAL READING AND PUBLIC NOTICE ORDERED THIS ____ DAY OF _____, 20__.

CITY OF COMMERCE CITY, COLORADO

Benjamin A. Huseman, Mayor

ATTEST

Dylan A. Gibson, City Clerk

EXHIBIT A TO ORDINANCE NO. 2348

Deletions shown in strikethrough text; additions shown in red, underlined text.

ARTICLE IV. INTERNATIONAL CODES

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DIVISION 1. – INTERNATIONAL BUILDING CODE

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Sec. 5-4101. - Amendments.

The 2018 edition of the International Building Code is amended in the following respects and adopted herein as amended:

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(f) Section 105.2, entitled "Work exempt from permit," is amended to read as follows:

105.2 Work exempt from permit. Exemption from the permit requirements of this code shall not be deemed to grant authorization for work to be done in violation of the provisions of this code or other laws or ordinances of this jurisdiction. Permits shall not be required for the following:

Building:

1. One-story detached accessory structures, provided that the floor area does not exceed ~~200256~~ square feet (~~18.58~~23.78 m²). For the purpose of this Section, accessory structures shall include by way of illustration but not by limitation; site-constructed and pre-manufactured tree-houses, playhouses, greenhouse and nursery type structures; pergolas, gazebos and similar shade structures with wood, composite, fabric, plastic or metal roof coverings including structures intended for day and/or seasonal use; tool, garden and storage sheds; hobby, shop, craft and similar recreational use buildings and structures.
2. ~~Fences not over 42 (1066.8 mm) inches high.~~Fences not over 72 inches (1829 mm) high in Groups R-3 and R-4 unless used for the barrier of a swimming pool. Fences not over 42 (1066.8 mm) inches high for all other groups.
3. Oil derricks.
4. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or III A liquids.
5. Water tanks supported directly on grade if the capacity does not exceed 5,000 gallons (18,925 L) and the ratio of height to diameter or width does not exceed 2:1.
6. Sidewalks, driveways and similar "flat work" when located entirely upon private property and whether constructed of concrete, asphalt, bricks, paving-stones and similar materials including surfacing materials permitted by the Commerce City Land Development Code and/or Commerce City Engineering and Construction Specifications and Public Works Department. This does not include driveway aprons,

- driveway approaches, curb and gutter, curb-cuts, sidewalks and/or any other work located within the public right-of-way.
7. Painting, papering, tiling, carpeting, cabinets, millwork, trim, casing, countertops and similar finish work.
 8. Temporary motion picture, television and theater stage sets and scenery.
 9. Prefabricated swimming pools accessory to a Group R-3 occupancy that are less than 24 inches (610 mm) deep, are not greater than 5,000 gallons (18,925 L) and are installed entirely above ground.
 10. Shade cloth structures constructed for nursery or agricultural purposes, not including service systems.
 11. Swings and other playground equipment accessory to detached one- and two-family dwellings.
 12. Window awnings in Group R-3 and U occupancies, supported by an exterior wall that do not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support.
 13. Nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1753 mm) in height.
 14. Minor repair work to interior drywall ~~and other interior finishes provided the repairs do not exceed 100 square feet of total aggregate area and are performed only to non-fire-resistive rated construction.~~
 15. Minor, cosmetic repairs to existing dwellings not involving structural members, load bearing walls, fire resistive rated construction, electrical, plumbing, mechanical systems, fire protection systems or elevator or escalator systems and equipment ~~and not exceeding \$1,000 in valuation.~~
 16. Concrete or masonry walls not over 72 inches (1829 mm) high in Groups R-3 and R-4 unless used for the barrier of a swimming pool. Ornamental column caps shall not be considered to contribute to the height of the wall and shall be permitted to extend above the 72-inch (1829-mm) height measurement.
 17. Flagpoles 30 feet (9144 mm) or less in height.
 18. Temporary ramps serving dwelling units in Groups R-3 and R-4 where the height of the entrance served by the ramp is no more than 30 inches (762 mm) above grade.
 19. Replacement of windows and doors with windows and doors of similar operation and opening dimensions that do not require changes to the existing framed opening and that are not required to be fire rated in Group R-2 where serving a single dwelling unit and in Groups R-3 and R-4.
 20. Replacement of an unlimited amount of roof covering or siding in Groups R-3 or R-4 and replacement of 100 square feet (9.29 m²) or less of roof covering in other groups.
 21. Replacement of 256 square feet (23.78 m²) or less of roof decking in Groups R-3 or R-4 unless the decking to be replaced was required at the time of original construction to be fire-retardant-treated or protected in some other way to form a fire-rated wall termination.

22. Replacement of Class C interior wall or ceiling finishes installed in Groups A, E and I and replacement of all classes of interior wall or ceiling finishes in other groups.

23. Installation or replacement of floor finishes in all occupancies.

24. Building work or repairs deemed by the building official to be minor and ordinary and which does not adversely affect public health or general safety.

Electrical:

1. Electrical utilization equipment energized by means of a cord or cable having an attachment plug end to be connected to an approved receptacle when that cord or cable is permitted by the National Electric Code.
2. Repair or replacement of stationary electric utilization equipment of the same type and rating in the same location.
3. Reinstallation of attachment plug receptacles, but not the outlets therefor.
4. Repair or replacement of any overcurrent devices of the correct voltage, interrupting rating and ampere rating in the same location.
5. Repair or replacement of ballasts, transformers, or electronic power supplies of the same size and rating for signs, outline lighting systems, or field installed skeleton tubing.
6. Removal of electrical wiring or equipment.
7. Temporary wiring for experimental purposes in suitable experimental laboratories.
8. The installation, alteration, or repair of electrical wiring or equipment for the generation, transmission, distribution, or metering of electrical energy or in the operation of signals or the transmission of intelligence by a public or private utility in the exercise of its function as a serving utility.
9. Listed cord-and-plug connected temporary decorative lighting.
10. Electrical wiring, devices, appliances, appliance apparatus or equipment operating at less than 25 volts and not capable of supplying more than 50 watts of energy.
11. Minor repair work including the replacement of lamps or the connection of approved, portable electrical equipment to approved permanently installed receptacles.
12. The provisions of this code shall not apply to electrical equipment used for radio and television transmissions, but do apply to equipment and wiring for a power supply and the installation of towers and antennas.
13. The provisions of this code shall not apply to the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.
14. Electrical work exempted by CRS Title 12, Article 23, Section 111 as may be amended by the State of Colorado.
15. Electrical work or repairs deemed by the building official to be minor and ordinary and which does not adversely affect public health or general safety.

Gas:

1. Portable heating, cooking or clothes drying appliances.

2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.
3. Portable fuel-cell appliances and equipment not connected to a fixed piping system and not connected to a power grid.
4. Gas work or repairs deemed by the building official to be minor and ordinary and which does not adversely affect public health or general safety.

Mechanical:

1. Portable heating appliances.
2. Portable ventilation appliances.
3. Portable cooling units.
4. Steam, hot or chilled water piping within any heating or cooling equipment regulated by this code.
5. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.
6. Portable evaporative coolers.
7. Self-contained refrigeration systems containing 10 pounds (4.54 kg) or less of refrigerant or that are actuated by motors of 1 horsepower (746 W) or less.
8. Portable fuel-cell appliances and equipment not connected to a fixed piping system and not connected to a power grid.
9. Mechanical work or repairs deemed by the building official to be minor and ordinary and which does not adversely affect public health or general safety.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste, or vent pipe: provided, however, that if any concealed trap, drainpipe, water, soil, waste, or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work, and a permit shall be obtained and inspection made as provided in this code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves, or fixtures and the removal and reinstallation of water closets, tubs, tub-shower combinations, showers, sinks, lavatories and similar plumbing fixtures, provided such repairs, removals or replacements do not involve or require the replacement or rearrangement of valves, pipes or fixtures or the removal or replacement of building finishes or alter any accessibility requirement.
3. Plumbing work or repairs deemed by the building official to be minor and ordinary and which does not adversely affect public health or general safety.

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DIVISION 2. – INTERNATIONAL RESIDENTIAL CODE

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Sec. 5-4201. - Amendments.

The 2018 edition of the International Residential Code is amended in the following respects and adopted herein as amended:

...

(e) Section R105.2, entitled "Work exempt from permit," is amended to read as follows:

R105.2 Work exempt from permit. Exemption from the permit requirements of this code shall not be deemed to grant authorization for work to be done in violation of the provisions of this code or other laws or ordinances of this jurisdiction. Permits shall not be required for the following:

Building:

1. One-story detached accessory structures, provided the floor area does not exceed ~~200~~256 square feet (~~18.58~~23.78 m²). For the purpose of this Section, accessory structures shall include by way of illustration but not by limitation; site-constructed and pre-manufactured tree-houses, playhouses, greenhouse and nursery type structures; pergolas, gazebos and similar shade structures with wood, composite, fabric, plastic or metal roof coverings including structures intended for day and/or seasonal use; tool, garden and storage sheds; hobby, shop, craft and similar recreational use buildings and structures.
2. Fences not over ~~42~~72 (~~1066.8~~1829 mm) inches high unless used for the barrier of a swimming pool.
3. Oil derricks.
4. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or III A liquids.
5. Water tanks supported directly on grade if the capacity does not exceed 5,000 gallons (18,927 L) and the ratio of height to diameter or width does not exceed 2 to 1.
6. Sidewalks, driveways and similar "flat work" when located entirely upon private property and whether constructed of concrete, asphalt, bricks, paving stones and similar materials including surfacing materials allowed by the Commerce City Land Development Code and/or Commerce City Engineering and Construction Standards and Specifications. This does not include driveway aprons, driveway approaches, curb and gutter, curb-cuts, sidewalks and/or any other physical structure, improvement or work located within the public right-of-way.
7. Painting, papering, tiling, carpeting, cabinets, millwork, trim, casing, countertops and similar finish work.
8. Prefabricated swimming pools that are less than 24 inches (610 mm) deep.
9. Swings and other playground equipment.
10. Window awnings supported by an exterior wall that do not project more than 54 inches from the exterior wall and do not require additional support.

11. Decks not exceeding ~~200~~256 square feet (~~18.58~~23.78 m²) in area that are not more than 30 inches (762 mm) above grade at any point, are not attached to a dwelling and do not serve the exit door required by Section R311.4.
12. Minor repair work to interior drywall ~~and other interior finishes provided the repairs do not exceed 100 square feet of total aggregate area and are performed only to non-fire-resistive rated construction.~~
13. Minor, cosmetic repairs to existing dwellings not involving structural members, load-bearing walls, fire resistive rated construction, electrical, plumbing, mechanical systems, fire protection systems or elevator or escalator systems and equipment and not exceeding \$1,000 in valuation.
14. ~~Repairs to, and like for like replacement of, asphalt shingles, mineral surfaced rolled roofing, concrete and clay tiles, metal shingles, slate and slate type shingles, wood and shake shingles and built-up roofs provided repairs and/or replacement does not exceed 100 square feet of total aggregate area.~~
14. Concrete or masonry walls not over 72 inches (1829 mm) high unless used for the barrier of a swimming pool. Ornamental column caps shall not be considered to contribute to the height of the wall and shall be permitted to extend above the 72-inch (1829-mm) height measurement.
15. Flagpoles 30 feet (9144 mm) or less in height.
16. Temporary ramps where the height of the entrance served by the ramp is no more than 30 inches (762 mm) above grade.
17. Replacement of windows and doors with windows and doors of similar operation and opening dimensions that do not require changes to the existing framed opening and that are not required to be fire rated.
18. Replacement of an unlimited amount of roof covering or siding.
19. Replacement of 256 square feet (23.78 m²) or less of roof decking unless the decking to be replaced was required at the time of original construction to be fire-retardant-treated or protected in some other way to form a fire-rated wall termination.
23. Replacement of interior wall or ceiling finishes.
24. Installation or replacement of floor finishes.
25. Building work or repairs deemed by the building official to be minor and ordinary and which does not adversely affect public health or general safety.

Electrical:

1. Electrical utilization equipment energized by means of a cord or cable having an attachment plug end to be connected to an approved receptacle when that cord or cable is permitted by the National Electric Code.
2. Repair or replacement of stationary electric utilization equipment of the same type and rating in the same location.
3. Reinstallation of attachment plug receptacles, but not the outlets therefor.
4. Repair or replacement of any overcurrent devices of the correct voltage, interrupting rating and ampere rating in the same location.

5. Repair or replacement of ballasts, transformers, or electronic power supplies of the same size and rating for signs, outline lighting systems, or field installed skeleton tubing.
6. Removal of electrical wiring or equipment.
7. Temporary wiring for experimental purposes in suitable experimental laboratories.
8. The installation, alteration, or repair of electrical wiring or equipment for the generation, transmission, distribution, or metering of electrical energy or in the operation of signals or the transmission of intelligence by a public or private utility in the exercise of its function as a serving utility.
9. Listed cord-and-plug connected temporary decorative lighting.
10. Electrical wiring, devices, appliances, appliance apparatus or equipment operating at less than 25 volts and not capable of supplying more than 50 watts of energy.
11. Minor repair work including the replacement of lamps or the connection of approved, portable electrical equipment to approved permanently installed receptacles.
12. Electrical work exempted by CRS Title 12, Article 23, Section 111 as may be amended by the State of Colorado.

13. Electrical work or repairs deemed by the building official to be minor and ordinary and which does not adversely affect public health or general safety.

Gas:

1. Portable heating, cooking or clothes drying appliances.
2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.
3. Portable fuel-cell appliances and equipment not connected to a fixed piping system and not connected to a power grid.
4. Gas work or repairs deemed by the building official to be minor and ordinary and which does not adversely affect public health or general safety.

Mechanical:

1. Portable heating appliances.
2. Portable ventilation appliances.
3. Portable cooling units.
4. Steam, hot- or chilled-water piping within any heating or cooling equipment regulated by this code.
5. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.
6. Portable evaporative coolers.
7. Self-contained refrigeration systems containing 10 pounds (4.54 kg) or less of refrigerant or that are actuated by motors of 1 horsepower (746 W) or less.
8. Portable fuel-cell appliances and equipment not connected to a fixed piping system and not connected to a power grid.

9. Mechanical work or repairs deemed by the building official to be minor and ordinary and which does not adversely affect public health or general safety.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste, or vent pipe: provided, however, that if any concealed trap, drainpipe, water, soil, waste, or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work, and a permit shall be obtained and inspection made as provided in this code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves, or fixtures and the removal and reinstallation of water closets, tubs, tub-shower combinations, showers, sinks, lavatories and similar plumbing fixtures, provided such repairs, removals or replacements do not involve or require the replacement or rearrangement of valves, pipes or fixtures or the removal or replacement of building finishes or alter any accessibility requirements.

3. Plumbing work or repairs deemed by the building official to be minor and ordinary and which does not adversely affect public health or general safety.

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DIVISION 3. – INTERNATIONAL EXISTING BUILDING CODE

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Sec. 5-4301. Amendments.

The 2018 edition of the International Existing Building Code is amended in the following respects and adopted herein as amended:

...

(e) Section 105.2, entitled "Work exempt from permit," is amended to read as follows:

105.2 Work exempt from permit. Exemptions from permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. Permits shall not be required for the following:

Building:

1. One-story detached accessory structures, provided that the floor area does not exceed ~~200~~256 square feet (~~18.58~~23.78 m²). For the purpose of this Section, accessory structures shall include by way of illustration but not by limitation; site-constructed and pre-manufactured tree-houses, playhouses, greenhouse and nursery type structures; pergolas, gazebos and similar shade structures with wood, composite, fabric, plastic or metal roof coverings including structures intended for day and/or seasonal use; tool, garden and storage sheds; hobby, shop, craft and similar recreational use buildings and structures

2. Fences not over ~~42~~⁷² (~~1066.8~~¹⁸²⁹ mm) inches high in residential occupancies unless used for the barrier of a swimming pool.
3. Oil derricks.
4. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or III A liquids.
5. Water tanks supported directly on grade if the capacity does not exceed 5,000 gallons (18,925 L) and the ratio of height to diameter or width does not exceed 2:1.
6. Sidewalks, driveways and similar "flat work" when located entirely upon private property and whether constructed of concrete, asphalt, bricks, paving stones and similar materials including surfacing materials permitted by the Commerce City Land Development Code and/or Commerce City Engineering and Construction Specifications and Public Works Department. This does not include driveway aprons, driveway approaches, curb and gutter, curb-cuts, sidewalks and/or any other work located within the public right-of-way.
7. Painting, papering, tiling, carpeting, cabinets, millwork, trim, casing, countertops and similar finish work.
8. Prefabricated swimming pools that are less than 24 inches (610 mm) deep.
9. Shade cloth structures constructed for nursery or agricultural purposes, not including service systems.
10. Swings and other playground equipment.
11. Window awnings supported by an exterior wall that do not project more than 54 inches from the exterior wall and do not require additional support.
12. Decks not exceeding ~~200~~²⁵⁶ square feet (~~18.58~~^{23.78} m²) in area that are not more than 30 inches above grade at any point, are not attached to a dwelling and do not serve the exit door required by Section R311.4.
13. Minor repair work to interior drywall and other interior finishes provided the repairs do not exceed 100 square feet of total aggregate area and are performed only to non-fire-resistive rated construction.
14. Minor, cosmetic repairs to existing dwellings not involving structural members, load bearing walls, fire resistive rated construction, electrical, plumbing, mechanical systems, fire protection systems or elevator or escalator systems and equipment and not exceeding \$1,000 in valuation.
15. Concrete or masonry walls not over 72 inches (1829 mm) high in residential occupancies unless used for the barrier of a swimming pool. Ornamental column caps shall not be considered to contribute to the height of the wall and shall be permitted to extend above the 72-inch (1829-mm) height measurement.
16. Flagpoles 30 feet (9144 mm) or less in height.
17. Temporary ramps serving dwelling units in Group R-3 and R-4 occupancies where the height of the entrance served by the ramp is no more than 30 inches (762 mm) above grade.

18. Replacement of windows and doors with windows and doors of similar operation and opening dimensions that do not require changes to the existing framed opening and that are not required to be fire rated in Group R-2 where serving a single dwelling unit and in Groups R-3 and R-4.
19. Replacement of an unlimited amount of roof covering or siding in Groups R-3 or R-4 and replacement of 100 square feet (9.29 m²) or less of roof covering in other groups.
20. Replacement of 256 square feet (23.78 m²) or less of roof decking in Groups R-3 or R-4 unless the decking to be replaced was required at the time of original construction to be fire-retardant-treated or protected in some other way to form a fire-rated wall termination.
21. Replacement of Class C interior wall or ceiling finishes installed in Groups A, E and I and replacement of all classes of interior wall or ceiling finishes in other groups.
22. Installation or replacement of floor finishes in all occupancies.
23. Building work or repairs deemed by the building official to be minor and ordinary and which does not adversely affect public health or general safety.

Electrical:

1. Listed cord-and-plug connected temporary decorative lighting.
2. Electrical utilization equipment energized by means of a cord or cable having an attachment plug end to be connected to an approved receptacle when that cord or cable is permitted by the National Electric Code.
3. Repair or replacement of stationary electric utilization equipment of the same type and rating in the same location.
4. Reinstallation of attachment plug receptacles, but not the outlets therefore.
5. Repair or replacement of branch circuit overcurrent devices of the correct voltage, interrupting rating and ampere rating in the same location.
6. Electrical wiring, devices, appliances, apparatus or equipment operating at less than 25 volts and not capable of supplying more than 50 watts of energy.
7. Repair or replacement of ballasts, transformers, or electronic power supplies of the same size and rating for signs, outline lighting systems, or field installed skeleton tubing.
8. Removal of electrical wiring or equipment.
9. Temporary wiring for experimental purposes in suitable experimental laboratories.
10. The installation, alteration, or repair of electrical wiring or equipment for the generation, transmission, distribution, or metering of electrical energy or in the operation of signals or the transmission of intelligence by a public or private utility in the exercise of its function as a serving utility.
11. Minor repair work including the replacement of lamps or the connection of approved, portable electrical equipment to approved permanently installed receptacles.

12. The provisions of this code shall not apply to electrical equipment used for radio and television transmissions, but do apply to equipment and wiring for a power supply and the installation of towers and antennas.
13. The provisions of this code shall not apply to the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.
14. Electrical work exempted by CRS Title 12, Article 23, Section 111 as may be amended by the State of Colorado.

15. Electrical work or repairs deemed by the building official to be minor and ordinary and which does not adversely affect public health or general safety.

Gas:

1. Portable heating, cooking or clothes drying appliances.
2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.
3. Portable fuel-cell appliances and equipment not connected to a fixed piping system and not connected to a power grid.
4. Gas work or repairs deemed by the building official to be minor and ordinary and which does not adversely affect public health or general safety.

Mechanical:

1. Portable heating appliances.
2. Portable ventilation appliances.
3. Portable cooling units.
4. Steam, hot- or chilled-water piping within any heating or cooling equipment regulated by this code.
5. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.
6. Portable evaporative coolers.
7. Self-contained refrigeration systems containing 10 pounds (4.54 kg) or less of refrigerant or that are actuated by motors of 1 horsepower (746 W) or less.
8. Portable fuel-cell appliances and equipment not connected to a fixed piping system and not connected to a power grid.
9. Mechanical work or repairs deemed by the building official to be minor and ordinary and which does not adversely affect public health or general safety.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste, or vent pipe: provided, however, that if any concealed trap, drainpipe, water, soil, waste, or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work, and a permit shall be obtained and inspection made as provided in this code.

2. The clearing of stoppages or the repairing of leaks in pipes, valves, or fixtures and the removal and reinstallation of water closets, tubs, tub-shower combinations, showers, sinks, lavatories and similar plumbing fixtures, provided such repairs, removals or replacements do not involve or require the replacement or rearrangement of valves, pipes or fixtures or the removal or replacement of building finishes or alter any accessibility requirements.

3. Plumbing work or repairs deemed by the building official to be minor and ordinary and which does not adversely affect public health or general safety.

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DIVISION 5. – ELECTRIC CODE

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Sec. 5-4502. Amendments to the Electrical Administrative Provisions.

The 2006 edition of the International Code Council Electrical Administrative Provisions is amended in the following respects and adopted herein as amended:

...

(e) Section 401.3, entitled "Work exempt from permit," is amended to read as follows:

401.3 Work exempt from permit. The following work shall be exempt from the requirement for a permit:

1. Electrical utilization equipment energized by means of a cord or cable having an attachment plug end to be connected to an approved receptacle when that cord or cable is permitted by the National Electric Code.
2. Repair or replacement of stationary electric utilization equipment of the same type and rating in the same location.
3. Reinstallation of attachment plug receptacles, but not the outlets therefor.
4. Repair or replacement of any over current device of the correct voltage, interrupting rating and ampere rating in the same location.
5. Repair or replacement of ballasts, transformers, or electronic power supplies of the same size and rating for signs, outline lighting systems, or field-installed skeleton tubing.
6. Removal of electrical wiring or equipment.
7. Temporary wiring for experimental purposes in suitable experimental laboratories.
8. The installation, alteration, or repair of electrical wiring or equipment for the generation, transmission, distribution, or metering of electrical energy or in the operation of signals or the transmission of intelligence by a public or private utility in the exercise of its function as a serving utility.
9. Listed cord-and-plug connected temporary decorative lighting.
10. Electrical wiring, or equipment operating at less than 25 volts and not capable of supplying more than 50 watts of energy.

11. Minor repair work including the replacement of lamps or the connection of approved, portable electrical equipment to approved permanently installed receptacles.
12. The provisions of this code shall not apply to electrical equipment used for radio and television transmissions, but do apply to equipment and wiring for a power supply and the installation of towers and antennas.
13. The provisions of this code shall not apply to the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.
14. Electrical work exempted by C.R.S. 12.23.111 as may be amended by the State of Colorado.

15. Electrical work or repairs deemed by the building official to be minor and ordinary and which does not adversely affect public health or general safety.

Exemption from the permit requirements of this code shall not be deemed to grant authorization for work to be done in violation of the provisions of this code or other laws or ordinances of this jurisdiction or laws of the State of Colorado.

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DIVISION 6. – INTERNATIONAL PLUMBING AND PRIVATE SEWAGE DISPOSAL CODES

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Sec. 5-4603. Amendments.

The 2018 edition of the International Plumbing Code is amended in the following respects and adopted herein as amended:

...

(e) Numbered Paragraph 2 of Section 106.2 is amended to read as follows:

106.2 Exempt work. The following work shall be exempt from the requirement for a permit:

1. The stopping of leaks in drains, water, soil, waste, or vent pipe: provided, however, that if any concealed trap, drainpipe, water, soil, waste, or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work, and a permit shall be obtained and inspection made as provided in this code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves, or fixtures and the removal and reinstallation of water closets, tubs, tub-shower combinations, showers, sinks, lavatories and similar plumbing fixtures, provided such repairs, removals or replacements do not involve or require the replacement or rearrangement of valves, pipes or fixtures or the removal or replacement of building finishes or alter any accessibility requirements.

3. Plumbing work or repairs deemed by the building official to be minor and ordinary and which does not adversely affect public health or general safety.

(ff) Table 605.3, entitled "Water Service Pipe, " is amended to add a footnote to read as follows:

^a When using copper or copper-alloy tubing below grade, Type K or WK shall be used.

(gg) Table 605.4, entitled "Water Distribution Pipe, " is amended to add a footnote to read as follows:

^a When using copper or copper-alloy tubing below grade, Type K or WK shall be used.

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DIVISION 7. – INTERNATIONAL MECHANICAL CODE

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Sec. 5-4701. Amendments.

The 2018 edition of the International Mechanical Code is amended in the following respects and adopted herein as amended:

...

(e) Section 106.2, entitled "Permits not required," is amended to read as follows:

106.2 Permits not required. The following work shall be exempt from the requirements for a permit:

1. Portable heating appliances;
2. Portable ventilation appliances and equipment;
3. Portable cooling units;
4. Steam, hot water or chilled water piping within any heating or cooling equipment or appliances regulated by this code;
5. The replacement of any minor part that does not alter the approval of equipment or an appliance or make such equipment or appliance unsafe;
6. Portable evaporative coolers;
7. Self-contained refrigeration systems that contain 10 pounds (4.5 kg) or less of refrigerant, or that are actuated by motors of 1 horsepower (0.75 kW) or less; and
8. Portable fuel cell appliances that are not connected to a fixed piping system and are not interconnected to a power grid.
9. Mechanical work or repairs deemed by the building official to be minor and ordinary and which does not adversely affect public health or general safety.

...

DIVISION 8. – INTERNATIONAL FUEL GAS CODE

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Sec. 5-4801. Amendments.

The 2018 edition of the International Fuel Gas Code is amended in the following respects and adopted herein as amended:

...

(e) Section 106.2, entitled "Permits not required," is amended to read as follows:

106.2 Permits not required. The following work shall be exempt from the requirements for a permit:

1. Any portable heating appliance.
2. Replacement of any minor component of an appliance or equipment that does not alter approval of such appliance or equipment or make such appliance or equipment unsafe.
3. Gas work or repairs deemed by the building official to be minor and ordinary and which does not adversely affect public health or general safety.