# First Regular Session Seventy-fourth General Assembly STATE OF COLORADO

## REVISED

This Version Includes All Amendments Adopted on Second Reading in the Second House

LLS NO. 23-0016.01 Richard Sweetman x4333

**HOUSE BILL 23-1161** 

### **HOUSE SPONSORSHIP**

**Kipp and Willford,** Amabile, Bacon, Bird, Boesenecker, Brown, deGruy Kennedy, Dickson, Epps, Froelich, Garcia, Gonzales-Gutierrez, Hamrick, Herod, Jodeh, Joseph, Lindsay, Lindstedt, Mabrey, McCormick, Michaelson Jenet, Sirota, Story, Titone, Valdez, Velasco, Vigil, Weinberg, Weissman

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#### **House Committees**

Energy & Environment Appropriations

### **Senate Committees**

Transportation & Energy Appropriations

## A BILL FOR AN ACT

101 CONCERNING ENVIRONMENTAL STANDARDS FOR CERTAIN PRODUCTS, 102 AND, IN CONNECTION THEREWITH, MAKING AN APPROPRIATION.

# **Bill Summary**

(Note: This summary applies to this bill as introduced and does not reflect any amendments that may be subsequently adopted. If this bill passes third reading in the house of introduction, a bill summary that applies to the reengrossed version of this bill will be available at <a href="http://leg.colorado.gov">http://leg.colorado.gov</a>.)

Current law establishes water and energy efficiency standards (standards) for certain appliances and fixtures sold in Colorado. **Sections 1 through 7** of the bill expand the appliances and fixtures that are subject to the standards and update the standards.

Specifically, **section 4** updates standards for certain appliances and fixtures that are sold in Colorado on and after certain dates, including:

SENATE nd Reading Unamended April 28, 2023

HOUSE d Reading Unamended April 15, 2023

HOUSE Amended 2nd Reading April 14, 2023

Shading denotes HOUSE amendment. <u>Double underlining denotes SENATE amendment.</u>

Capital letters or bold & italic numbers indicate new material to be added to existing law.

Dashes through the words or numbers indicate deletions from existing law.

- Certain faucets and urinals;
- Certain lamps;
- Commercial hot food holding cabinets;
- Portable electric spas;
- Residential ventilating fans; and
- Spray sprinkler bodies.

**Section 4** also creates new standards for certain appliances and other fixtures that are sold in Colorado on and after January 1, 2024, including:

- Air purifiers;
- Commercial ovens;
- Electric storage water heaters;
- Electric vehicle supply equipment;
- Gas fireplaces;
- Irrigation controllers;
- Tub spout diverters and showerhead tub spout diverter combinations; and
- Certain residential windows, residential doors, and residential skylights.

**Section 4** also removes standards for air compressors, general service lamps, and uninterruptible power supplies.

**Section 5** requires the executive director of the department of public health and environment (executive director) to promulgate rules on or before January 1, 2026, and every 5 years thereafter:

- Adopting a more recent version of any standard; and
- Establishing standards for appliances and other devices that are not subject to the standards if certain conditions are met.

**Section 6** exempts manufacturers of products subject to the standards from having to demonstrate that a product complies with the law if the product appears in the state appliance standards database maintained by the Northeast Energy Efficiency Partnerships, or a successor organization. **Section 6** also requires the executive director to conduct periodic, unannounced inspections of major distributors or retailers, including online retailers, of new products in order to determine compliance with the standards.

Under current law, any person who sells or offers to sell in the state any new consumer product that is required to meet an efficiency standard but that the person knows does not meet that standard is subject to a civil penalty of not more than \$2,000 for each violation, which amount is credited to the general fund. **Section 7** credits any penalties imposed to the energy fund created in the Colorado energy office rather than to the general fund and specifies that each transaction or online for-sale product listing constitutes a separate violation.

Section 8 establishes the "Clean Lighting Act" to phase out the

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sale of general-purpose fluorescent light bulbs that contain mercury. With certain exceptions:

- On and after January 1, 2024, a person shall not manufacture, distribute, sell, or offer for sale in Colorado any new compact fluorescent lamp with a screw- or bayonet-type base; and
- On and after January 1, 2025, a person shall not manufacture, distribute, sell, or offer for sale in Colorado any linear fluorescent lamp or any compact fluorescent lamp with a pin-type base.

Section 9 establishes standards for heating and water heating appliances. With certain exceptions, on and after January 1, 2025, a person shall not manufacture, distribute, sell, offer for sale, lease, or offer for lease in Colorado any new water heater, boiler, or fan-type central furnace unless the emissions of the product do not exceed certain limits on emissions. On or before January 1, 2029, the air quality control commission in the department of public health and environment must promulgate rules lowering the emission limits. Section 9 also requires manufacturers to use certain testing protocols, display certain information on each product, and demonstrate compliance through one of various described means.

Sections 8 and 9 both require the executive director to conduct periodic, unannounced inspections of major distributors or retailers, including online retailers, of new products to determine compliance and to report violations to the attorney general. If the attorney general has probable cause to believe that a violation occurred, the attorney general may bring a civil action on behalf of the state to seek the imposition of civil penalties, and any civil penalties are to be deposited in the energy fund.

Be it enacted by the General Assembly of the State of Colorado:

2 **SECTION 1.** In Colorado Revised Statutes, **amend** 6-7.5-102 as

3 follows:

1

4 **6-7.5-102. Definitions.** As used in this article 7.5, unless the

5 context otherwise requires AND EXCEPT AS DETERMINED BY RULE

6 PURSUANT TO SECTION 6-7.5-106 (1):

- 7 (1) "Air compressor" means a compressor that:
- 8 (a) Is designed to compress air;

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1	(b) Has an inlet that is open to the atmosphere or other source of
2	air; and
3	(c) Consists of a compression element, also known as a bare
4	compressor; one or more drivers; mechanical equipment to drive the
5	compression element; and any ancillary equipment "AIR PURIFIER" OR
6	"ROOM AIR CLEANER" MEANS AN ELECTRIC, CORD-CONNECTED, PORTABLE
7	APPLIANCE THAT HAS THE PRIMARY FUNCTION OF REMOVING PARTICULATE
8	MATTER FROM THE AIR.
9	(2) "AHRI 1430" MEANS THE AIR-CONDITIONING, HEATING, AND
10	REFRIGERATION INSTITUTE STANDARD FOR DEMAND FLEXIBLE ELECTRIC
11	STORAGE WATER HEATERS.
12	(2) (3) "ANSI" means the American National Standards Institute
13	or its successor organization.
14	(4) "ANSI/APSP/ICC-14" MEANS THE ANSI STANDARD FOR
15	PORTABLE ELECTRIC SPA ENERGY EFFICIENCY.
16	(5) "ANSI C78.81" MEANS THE ANSI STANDARD FOR "ELECTRIC
17	LAMPS - DOUBLE-CAPPED FLUORESCENT LAMPS - DIMENSIONAL AND
18	ELECTRICAL CHARACTERISTICS".
19	(6) "ANSI C78.901" MEANS THE ANSI STANDARD FOR "ELECTRIC
20	LAMPS - SINGLE-BASED FLUORESCENT LAMPS - DIMENSIONAL AND
21	ELECTRICAL CHARACTERISTICS".
22	(3) (7) "ANSI C79.1" means the ANSI standard for "Electric
23	Lamps - Nomenclature for Glass Bulbs Intended for Use with Electric
24	Lamps". approved September 16, 2002.
25	(4) (8) "APSP" means the Association of Pool and Spa
26	Professionals or its successor organization.
27	(5) (9) "CCR" means the California code of regulations, as

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1	amended.
2	(10) "CHECK VALVE" MEANS A COMPONENT THAT IS INTERNAL TO
3	A SPRAY SPRINKLER BODY AND PREVENTS SYSTEM DRAINAGE DURING
4	PERIODS OF NONOPERATION.
5	(6) "Cold-only unit" means a water cooler that dispenses cold
6	water only.
7	(11) "COLD-TEMPERATURE FLUORESCENT LAMP" MEANS A
8	FLUORESCENT LAMP THAT:
9	(a) IS NOT A COMPACT FLUORESCENT LAMP;
10	(b) Is specifically designed to start at a temperature of
11	TWENTY DEGREES BELOW ZERO FAHRENHEIT WHEN USED WITH A BALLAST
12	CONFORMING TO THE REQUIREMENTS OF ANSI C78.81 AND ANSI
13	C78.901; AND
14	(c) Is expressly designated as a cold-temperature lamp
15	BOTH IN MARKINGS ON THE LAMP AND IN MARKETING MATERIALS SUCH AS
16	CATALOGS, SALES LITERATURE, AND PROMOTIONAL MATERIAL.
17	(7) (12) "Commercial dishwasher" means a machine designed to
18	clean and sanitize plates, pots, pans, glasses, cups, bowls, utensils, and
19	trays by applying sprays of detergent solution, with or without blasting
20	media granules, and a sanitizing rinse.
21	(8) (13) "Commercial fryer" means an appliance, including a
22	cooking vessel, in which:
23	(a) Oil is placed to such a depth that the food to be cooked is
24	essentially supported by displacement of the cooking fluid rather than by
25	the bottom of the vessel; and
26	(b) Heat is delivered to the cooking fluid by means of either:
27	(I) An immersed electric element or band-wrapped vessel; or

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1	(II) Heat transfer from gas burners through either the walls of the
2	vessel or tubes passing through the cooking fluid.
3	(9) (14) "Commercial hot food holding cabinet" means a heated,
4	fully enclosed compartment with one or more solid or transparent doors
5	designed to maintain the temperature of hot food that has been cooked
6	using a separate appliance. "Commercial hot food holding cabinet" does
7	not include heated glass merchandising cabinets, drawer warmers, or
8	cook and hold appliances.
9	(15) "COMMERCIAL OVEN" MEANS A CHAMBER DESIGNED FOR
10	HEATING, ROASTING, OR BAKING FOOD BY CONDUCTION, CONVECTION,
11	RADIATION, OR ELECTROMAGNETIC ENERGY.
12	(10) (16) "Commercial steam cooker" means a device with one or
13	more food-steaming compartments in which thermal energy is transferred
14	from the steam to the food by direct contact. "Commercial steam cooker"
15	includes countertop models, wall-mounted models, and floor models
16	mounted on a stand, pedestal, or cabinet-style base.
17	(17) "COMPACT FLUORESCENT LAMP" MEANS A FLUORESCENT
18	LAMP THAT INCLUDES:
19	(a) A TUBE THAT IS CURVED OR FOLDED TO FIT THE SIZE OF A
20	TRADITIONAL HOUSEHOLD LIGHT BULB; AND
21	(b) A COMPACT ELECTRONIC BALLAST IN THE BASE OF THE LAMP.
22	(11) (18) "Compensation" means money or any other thing of
23	value, regardless of form, received or to be received by a person for
24	goods or services rendered.
25	(12) "Compressor" means a machine or apparatus that converts
26	different types of energy into the potential energy of gas pressure for
27	displacement and compression of gaseous media to any higher pressure

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1	values above authospheric pressure and has a pressure ratio at run-toad
2	operating pressure greater than 1.3 atmospheres.
3	(13) (19) "Computer" and "computer monitor" have the meanings
4	set forth in 20 CCR sec. 1602 (v).
5	(14) "Cook and cold unit" means a water cooler that dispenses
6	both cold and room-temperature water.
7	(20) "CTA" MEANS THE CONSUMER TECHNOLOGY ASSOCIATION,
8	OR A SUCCESSOR ORGANIZATION.
9	(21) "DECORATIVE GAS FIREPLACE" MEANS A VENTED FIREPLACE,
10	INCLUDING A UNIT THAT IS FREESTANDING, RECESSED, OR ZERO
11	CLEARANCE, OR A GAS FIREPLACE INSERT THAT IS:
12	(a) FUELED BY NATURAL GAS OR PROPANE;
13	(b) Marked or intended for decorative use only; and
14	(c) NOT EQUIPPED WITH A THERMOSTAT OR INTENDED FOR USE AS
15	A HEATER.
16	(22) "Electric storage water heater" means a consumer
17	PRODUCT THAT:
18	(a) USES ELECTRICITY TO HEAT DOMESTIC POTABLE WATER;
19	(b) HAS A NAMEPLATE INPUT RATING OF TWELVE KILOWATTS OR
20	LESS;
21	(c) HAS A RATED HOT WATER STORAGE CAPACITY BETWEEN FORTY
22	AND ONE HUNDRED TWENTY GALLONS; AND
23	(d) DELIVERS HOT WATER AT A MAXIMUM TEMPERATURE OF LESS
24	THAN ONE HUNDRED EIGHTY DEGREES FAHRENHEIT.
25	(23) (a) "Electric vehicle supply equipment" means
26	CONDUCTORS, INCLUDING UNGROUNDED, GROUNDED, AND
7	EQUIDMENT_CDOUNDING CONDUCTORS: ELECTRIC VEHICLE CONNECTORS:

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1	ATTACHMENT PLUGS; AND ALL OTHER FITTINGS, DEVICES, POWER
2	OUTLETS, OR APPARATUSES INSTALLED SPECIFICALLY FOR THE PURPOSE OF
3	DELIVERING ENERGY FROM THE WIRING OF A PREMISES TO AN ELECTRIC
4	VEHICLE.
5	(b) "ELECTRIC VEHICLE SUPPLY EQUIPMENT" DOES NOT INCLUDE
6	A CONDUCTOR, CONNECTOR, OR FITTING THAT IS PART OF A VEHICLE.
7	(15) (24) "Energy Star program" means the federal program
8	authorized by 42 U.S.C. sec. 6294a, as amended.
9	(16) (25) "Executive director" means the executive director of the
10	department of public health and environment or the executive director's
11	designee.
12	(17) (26) "Faucet" means:
13	(a) A PUBLIC OR PRIVATE lavatory faucet, RESIDENTIAL kitchen
14	faucet, OR metering faucet; or public lavatory faucet; and OR
15	(b) A replacement aerator for a PUBLIC OR PRIVATE lavatory faucet
16	public lavatory faucet, or RESIDENTIAL kitchen faucet.
17	(18) (27) "Flushometer-valve water closet" means a type of
18	commercial toilet that uses a valve for flushing by operation of a handle
19	that discharges a definite quantity of water under pressure directly into the
20	fixture.
21	(28) "GAS FIREPLACE" MEANS A DECORATIVE GAS FIREPLACE OR
22	A HEATING GAS FIREPLACE.
23	(29) "GAS LOG SET" MEANS A FIREPLACE PRODUCT DESIGNED TO
24	BE USED AND INSTALLED IN A WORKING MASONRY OR FACTORY-BUILT
25	WOOD-BURNING FIREPLACE AND VENTED THROUGH A CHIMNEY BY
26	NATURAL DRAFTING OR POWER VENTING.
27	(19) "General service lamp":

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1	(a) Weans a famp that:
2	(I) Has a base that complies with ANSI standards;
3	(II) Is able to operate at a voltage:
4	(A) Of twelve or twenty-four volts;
5	(B) At or between one hundred and one hundred thirty volts;
6	(C) At or between two hundred twenty and two hundred forty
7	volts; or
8	(D) Of two hundred seventy-seven volts for integrated lamps o
9	any voltage for nonintegrated lamps;
10	(III) Has an initial lumen output greater than or equal to three
11	hundred ten lumens, or two hundred thirty-two lumens for modified
12	spectrum general service incandescent lamps, and less than or equal to
13	three thousand three hundred lumens;
14	(IV) Is not a light fixture or an LED downlight retrofit kit; and
15	(V) Is used in general lighting applications;
16	(b) Includes general service incandescent lamps, compac
17	fluorescent lamps, general service LED lamps, and general service
18	organic LED lamps;
19	(c) Does not include:
20	(I) Appliance lamps;
21	(II) Black light lamps;
22	(III) Bug lamps;
23	(IV) Colored lamps;
24	(V) G-shape lamps with a diameter of five inches or more a
25	defined in ANSI C79.1-2002;
26	(VI) General service fluorescent lamps;
27	(VII) High-intensity discharge lamps:

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1	(VIII) Infrared lamps;
2	(IX) J, JC, JCD, JCS, JCV, JCX, JD, JS, and JT-shape lamps that
3	do not have Edison screw bases;
4	(X) Lamps that have a wedge base or prefocus base;
5	(XI) Left-hand thread lamps;
6	(XII) Marine lamps;
7	(XIII) Marine signal service lamps;
8	(XIV) Mine service lamps;
9	(XV) MR-shape lamps that:
10	(A) Have a first number symbol equal to sixteen (diameter equal
11	to two inches), as defined in ANSI C79.1-2002;
12	(B) Operate at twelve volts; and
13	(C) Have a lumen output greater than or equal to eight hundred;
14	(XVI) Other fluorescent lamps not described in subsection (19)(b)
15	of this section;
16	(XVII) Plant light lamps;
17	(XVIII) R20 short lamps;
18	(XIX) Reflector lamps that have a first number symbol less than
19	sixteen (diameter less than two inches) as defined in ANSI C79.1-2002
20	and that do not have E26/E24, E26d, E26/50x39, E26/53x39, E29/28,
21	E29/53x39, E39, E39d, EP39, or EX39 bases;
22	(XX) S-shape or G-shape lamps that have a first number symbol
23	less than or equal to twelve and one-half (diameter less than or equal to
24	1.5625 inches) as defined in ANSI C79.1-2002;
25	(XXI) Sign service lamps;
26	(XXII) Silver bowl lamps;
27	(XXIII) Showcase lamps;

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1	(AATV) Specially WIK lamps;
2	(XXV) T-shape lamps that:
3	(A) Have a first number symbol less than or equal to eight
4	(diameter less than or equal to one inch), as defined in ANSI C79.1-2002;
5	(B) Have a nominal overall length less than twelve inches; and
6	(C) Are not compact fluorescent lamps; or
7	(XXVI) Traffic signal lamps.
8	(20) (30) "GPM" means gallons per minute.
9	(31) "HANDHELD SHOWERHEAD" MEANS A SHOWERHEAD THAT IS
10	CONNECTED TO A FLEXIBLE HOSE AND CAN BE HELD OR FIXED IN PLACE
11	FOR THE PURPOSE OF SPRAYING WATER ON A BATHER.
12	(32) "HEATING GAS FIREPLACE" MEANS A VENTED FIREPLACE.
13	INCLUDING A UNIT THAT IS FREESTANDING, RECESSED, OR ZERO
14	CLEARANCE OR A FIREPLACE INSERT, THAT IS:
15	(a) FUELED BY NATURAL GAS OR PROPANE; AND
16	(b) NOT A DECORATIVE GAS FIREPLACE.
17	(21) (33) "High color rendering index (CRI) CRI fluorescent
18	lamp" means a fluorescent lamp with a CRI COLOR RENDERING INDEX of
19	eighty-seven or greater that is not a compact fluorescent lamp.
20	(22) "Hot and cold unit" means a water cooler that dispenses both
21	hot and cold water. It may also dispense room-temperature water.
22	(23) (34) "ICC" means the International Code Council or its
23	successor organization.
24	(35) "IMPACT-RESISTANT FLUORESCENT LAMP" MEANS A
25	FLUORESCENT LAMP THAT:
26	(a) IS NOT A COMPACT FLUORESCENT LAMP;
27	(b) Has a coating or equivalent technology that is

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1	COMPLIANT WITH NSF/ANSI 51 and is designed to contain the glass
2	IF THE GLASS ENVELOPE OF THE LAMP IS BROKEN; AND
3	(c) Is designated and marketed for the intended
4	APPLICATION, WITH:
5	(I) THE DESIGNATION APPEARING ON THE LAMP PACKAGING; AND
6	(II) MARKETING MATERIALS THAT IDENTIFY THE LAMP AS BEING
7	IMPACT-RESISTANT, SHATTER-RESISTANT, SHATTERPROOF, OR
8	SHATTER-PROTECTED.
9	(36) "Industrial air purifier" means an indoor air cleaning
10	DEVICE THAT IS:
11	(a) Manufactured, advertised, marketed, labeled, and
12	USED SOLELY FOR INDUSTRIAL PURPOSES;
13	(b) MARKETED SOLELY THROUGH INDUSTRIAL SUPPLY OUTLETS OR
14	BUSINESSES; AND
15	(c) PROMINENTLY LABELED AS "SOLELY FOR INDUSTRIAL USE.
16	POTENTIAL HEALTH HAZARD: EMITS OZONE."
17	(37) "Inline residential ventilating fan" means a
18	VENTILATING FAN THAT IS LOCATED WITHIN THE STRUCTURE OF A
19	BUILDING AND REQUIRES DUCTWORK ON BOTH THE INLET AND THE
20	OUTLET.
21	(38) "Irrigation controller" means a standalone
22	CONTROLLER, AN ADD-ON DEVICE, OR A PLUG-IN DEVICE THAT IS USED TO
23	OPERATE AN AUTOMATIC IRRIGATION SYSTEM SUCH AS A LAWN SPRINKLER
24	OR DRIP IRRIGATION SYSTEM DESIGNED AND INTENDED FOR
25	NONAGRICULTURAL PURPOSES. "IRRIGATION CONTROLLER" INCLUDES:
26	(a) A SOIL MOISTURE-BASED IRRIGATION CONTROLLER THAT
27	INHIBITS OF ALLOWS AN IDDICATION EVENT BASED ON A DEADING FROM A

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1	SOIL MOISTURE SENSOR MECHANISM; AND
2	(b) A WEATHER-BASED IRRIGATION CONTROLLER THAT USES
3	CURRENT WEATHER DATA AS A BASIS FOR SCHEDULING IRRIGATION.
4	(24) (39) (a) "Lamp" means a device that emits light and is used
5	to illuminate an indoor or outdoor space.
6	(b) "Lamp" does not include a heat lamp.
7	(25) (40) "LED" means light-emitting diode.
8	(26) "Low-efficiency plumbing fixture" means any of the
9	following plumbing fixtures or fittings that is not a WaterSense-listed
10	plumbing fixture:
11	(a) A lavatory faucet;
12	(b) A shower head;
13	(c) A flushing urinal;
14	(d) A flushometer-valve water closet; or
15	(e) A tank-type toilet or tank-type water closet.
16	(27) (41) "Metering faucet" means a fitting that, when turned on,
17	will gradually shut off the flow of water over a period of several seconds
18	SELF-CLOSING FAUCET THAT DISPENSES A SPECIFIC VOLUME OF WATER FOR
19	EACH ACTUATION CYCLE AND FOR WHICH THE VOLUME OR CYCLE
20	DURATION MAY BE FIXED OR ADJUSTABLE.
21	(28) "NEMA" means the National Electrical Manufacturers
22	Association or its successor organization.
23	(42) "NSF" MEANS NSF INTERNATIONAL, FORMERLY KNOWN AS
24	THE NATIONAL SANITATION FOUNDATION.
25	(43) "NSF/ANSI 51" MEANS THE NSF/ANSI 51 STANDARD FOR
26	FOOD EQUIPMENT MATERIALS.
27	(44) "Plumbing fixture" means an exchangeable device

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1	THAT CONNECTS TO A PLUMBING SYSTEM TO DELIVER WATER OR DRAIN
2	WATER AND WASTE.
3	(29) (45) "Portable air conditioner" means a portable encased
4	assembly, other than a packaged terminal air conditioner, ductless
5	portable air conditioner, room air conditioner, or dehumidifier, that:
6	(a) Delivers cooled, conditioned air to an enclosed space;
7	(b) Is powered by single-phase electric current;
8	(c) Includes a source of refrigeration;
9	(d) May be a single-duct or dual-duct portable air conditioner; and
10	(e) May include additional means for air circulation and heating.
11	(30) (46) "Portable electric spa" means a factory-built electric spa
12	or hot tub It THAT may or may not include any combination of integral
13	controls, water heating, and water circulating equipment.
14	(31) (47) "Pressure regulator" means a device that maintains
15	constant operating pressure immediately downstream from a spray
16	sprinkler body, given higher pressure upstream of the device.
17	(48) "PRIVATE LAVATORY FAUCET" MEANS A BATHROOM FAUCET
18	THAT, AS INSTALLED, IS NOT IN A LOCATION THAT IS AVAILABLE TO THE
19	PUBLIC, INCLUDING A LAVATORY FAUCET IN A PRIVATE RESIDENCE.
20	(49) "Programmable thermostat" means a thermostat
21	THAT:
22	(a) CONTROLS A PRIMARY HEATING OR COOLING SYSTEM ON A
23	DAILY SCHEDULE TO MAINTAIN DIFFERENT TEMPERATURES DURING
24	CERTAIN TIMES OF DAY AND DAYS OF THE WEEK; AND
25	(b) Has the capability to maintain zone temperatures
26	BETWEEN FIFTY-FIVE DEGREES FAHRENHEIT AND EIGHTY-FIVE DEGREES
27	FAHRENHEIT.

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1	(32) (50) "PSI" means pounds per square inch.
2	(33) (51) "Public lavatory faucet" means a fitting designed and
3	marketed for installation in a nonresidential bathroom, which bathroom
4	is exposed to walk-in traffic.
5	(34) (52) "Replacement aerator" means an aerator sold as a
6	replacement, separate from the faucet to which it is intended to be
7	attached.
8	(53) "RESIDENTIAL BUILDING" MEANS A STRUCTURE THAT IS USED
9	PRIMARILY FOR LIVING AND SLEEPING AND THAT IS ZONED AS RESIDENTIAL
10	OR OTHERWISE SUBJECT TO RESIDENTIAL BUILDING CODES. FOR THE
11	PURPOSES OF RESIDENTIAL WINDOWS, DOORS, AND SKYLIGHTS,
12	"RESIDENTIAL BUILDING" MEANS A BUILDING THAT IS THREE STORIES OR
13	LESS IN HEIGHT.
14	(54) "RESIDENTIAL DOOR" MEANS A SLIDING OR SWINGING ENTRY
15	SYSTEM THAT IS INSTALLED OR DESIGNED FOR INSTALLATION IN A
16	VERTICAL WALL SEPARATING CONDITIONED AND UNCONDITIONED SPACE
17	IN A RESIDENTIAL BUILDING.
18	(55) "RESIDENTIAL KITCHEN FAUCET" MEANS A FAUCET IN A
19	KITCHEN OF A RESIDENTIAL BUILDING.
20	(56) "RESIDENTIAL SKYLIGHT" MEANS A WINDOW THAT IS
21	DESIGNED FOR SLOPED OR HORIZONTAL APPLICATION IN THE ROOF OF A
22	RESIDENTIAL BUILDING, THE PRIMARY PURPOSE OF WHICH WINDOW IS TO
23	PROVIDE DAYLIGHT OR VENTILATION. "RESIDENTIAL SKYLIGHT" INCLUDES
24	A TUBULAR DAYLIGHTING DEVICE.
25	(35) (57) "Residential ventilating fan" means an A
26	CEILING-MOUNTED, A WALL-MOUNTED, OR AN inline RESIDENTIAL fan
27	THAT IS designed to be used in a bathroom or A utility room and whose

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1	pulpose is to move for the Porpose of Moving all Itolii liiside the A
2	RESIDENTIAL building to the outdoors. It may be ceiling-mounted
3	wall-mounted, or remotely mounted.
4	(58) (a) "Residential window" means an assembled unit
5	THAT:
6	(I) CONSISTS OF A FRAME THAT HOLDS ONE OR MORE PIECES OF
7	GLASS OR OTHER GLAZING MATERIAL THAT ADMITS LIGHT OR AIR INTO AN
8	ENCLOSURE; AND
9	(II) IS DESIGNED FOR INSTALLATION AT A SLOPE OF AT LEAST SIXTY
10	DEGREES FROM HORIZONTAL IN AN EXTERNAL WALL OF A RESIDENTIAL
11	BUILDING.
12	(b) "RESIDENTIAL WINDOW" INCLUDES A TRANSOM WINDOW BUT
13	DOES NOT INCLUDE A RESIDENTIAL SKYLIGHT.
4	(59) "SHOWERHEAD" MEANS A DEVICE THROUGH WHICH WATER IS
15	DISCHARGED FOR A SHOWER BATH. "SHOWERHEAD" INCLUDES A
16	HANDHELD SHOWERHEAD BUT DOES NOT INCLUDE AN EMERGENCY
17	SHOWERHEAD SUCH AS A SHOWERHEAD USED IN A LABORATORY OF
18	INDUSTRIAL SETTING.
19	(60) "SHOWERHEAD TUB SPOUT DIVERTER COMBINATION" MEANS
20	A CONTROL VALVE, TUB SPOUT DIVERTER, AND SHOWERHEAD THAT ARE
21	SOLD TOGETHER AS A MATCHED SET.
22	(61) "SMART THERMOSTAT" MEANS A THERMOSTAT THAT:
23	(a) Is enabled for wireless connectivity;
24	(b) ALLOWS THE USER TO CONTROL HOME HEATING AND COOLING
25	TEMPERATURE SETTINGS FROM A COMPUTER OR FROM A PHONE, A TABLET
26	OR ANOTHER COMPUTER-ENABLED DEVICE; AND
27	(c) Can automatically adjust heating and cooling

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1	TEMPERATURE SETTINGS BASED ON USER PREFERENCES, DAILY
2	SCHEDULES, WEATHER CONDITIONS, OCCUPANCY, OR OPTIMAL ENERGY
3	SAVINGS.
4	(36) (62) "Spray sprinkler body" means the exterior case or shell
5	of a sprinkler DESIGNED AND INTENDED FOR NONAGRICULTURAL USES,
6	which case or shell:
7	(a) Incorporates a means of connection to the piping system; and
8	(b) Is designed to convey water to a nozzle or orifice.
9	(63) "TUB SPOUT DIVERTER" MEANS A DEVICE THAT IS DESIGNED
10	TO DIVERT THE FLOW OF WATER INTO A BATHTUB SO THE WATER
11	DISCHARGES THROUGH A SHOWERHEAD.
12	(64) "Tubular daylighting device" means a building
13	COMPONENT THAT RECEIVES DAYLIGHT IN A ROOFTOP DOME AND
14	TRANSFERS THE DAYLIGHT INDOORS THROUGH A HIGHLY REFLECTIVE
15	TUBE.
16	(37) "Uninterruptible power supply" means a power system for
17	maintaining continuity of load power in case of input power failure. It
18	may consist of a combination of one or more battery chargers, convertors,
19	switches, and batteries or other energy storage devices.
20	(65) "Urinal" means a plumbing fixture that receives
21	LIQUID BODY WASTE AND CONVEYS THE WASTE THROUGH A TRAP SEAL
22	INTO A GRAVITY DRAINAGE SYSTEM.
23	(66) "WATER CLOSET" MEANS A PLUMBING FIXTURE THAT HAS A
24	WATER-CONTAINING RECEPTOR THAT RECEIVES LIQUID AND SOLID BODY
25	WASTE THROUGH AN EXPOSED INTEGRAL TRAP AND CONVEYS THE WASTE
26	INTO A DRAINAGE SYSTEM. "WATER CLOSET" INCLUDES BOTH TANK-TYPE
2.7	AND FLUSHOMETER-VALVE WATER CLOSETS

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1	(38) (67) "Water cooler" means a freestanding device that
2	consumes energy to cool or heat, or both cool and heat, potable water.
3	"WATER COOLER" INCLUDES:
4	(a) A COLD-ONLY UNIT THAT DISPENSES ONLY COLD WATER;
5	(b) A HOT-AND-COLD UNIT THAT DISPENSES BOTH HOT AND COLD
6	WATER AND, IN SOME MODELS, ALSO ROOM TEMPERATURE WATER;
7	(c) A COOK-AND-COLD UNIT THAT DISPENSES BOTH ROOM
8	TEMPERATURE AND COLD WATER;
9	(d) A STORAGE-TYPE UNIT THAT INSTANTANEOUSLY DELIVERS
10	WATER FROM A STORAGE TANK WITHIN THE UNIT, INCLUDING
11	POINT-OF-USE, DRY STORAGE COMPARTMENT, AND BOTTLED WATER
12	COOLERS; AND
13	(e) AN ON-DEMAND UNIT THAT HEATS WATER AS IT IS REQUESTED,
14	TYPICALLY WITHIN A FEW MINUTES.
15	(39) (68) "WaterSense-listed plumbing fixture" means a plumbing
16	fixture or plumbing fixture fitting that has been:
17	(a) Tested by an accredited third-party certifying body or
18	laboratory in accordance with the federal environmental protection
19	agency's WaterSense program or a successor program;
20	(b) Certified by the body or laboratory as meeting the performance
21	and efficiency requirements of the WaterSense program; and
22	(c) Authorized by the WaterSense program to use its label.
23	(40) (69) "WaterSense program" means the federal program
24	authorized by 42 U.S.C. sec. 6294b.
25	
26	<b>SECTION 2.</b> In Colorado Revised Statutes, <b>repeal</b> 6-7.5-103 as
27	follows:

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1	6-7.5-103. Low-efficiency plumbing fixtures. (1) (a) Effective
2	September 1, 2019, a person shall not sell a new low-efficiency plumbing
3	fixture, other than a flushometer-valve water closet, in Colorado.
4	(b) Effective January 1, 2021, a person shall not sell a new
5	low-efficiency flushometer-valve water closet in Colorado.
6	(2) This section does not preempt any action of a municipality,
7	county, or city and county that prescribes additional or more restrictive
8	water conservation or energy efficiency requirements affecting the sale
9	or use of plumbing fixtures, appliances, or other products if the
10	requirements comply with the standard specified in subsection (1) of this
11	section.
12	SECTION 3. In Colorado Revised Statutes, 6-7.5-104, amend
13	(1)(i), (1)(o), (1)(p), and (2)(c); <b>repeal</b> (1)(a) and (1)(h); and <b>add</b> (1)(a.3),
14	(1)(a.6), (1)(d.5), (1)(f.2), (1)(f.5), (1)(j.5), (1)(j.7), (1)(l.4), (1)(l.6),
15	(1)(m.6), (1)(m.8), (1)(o.2), (1)(o.4), (1)(o.6), (1)(q), and (4) as follows:
16	<b>6-7.5-104.</b> Scope and applicability. (1) Subject to subsection (2)
17	of this section and as further specified in section 6-7.5-105, this article 7.5
18	applies to the following products sold as new in Colorado:
19	(a) Air compressors;
20	(a.3) AIR PURIFIERS;
21	(a.6) COLD-TEMPERATURE FLUORESCENT LAMPS;
22	(d.5) COMMERCIAL OVENS;
23	(f.2) ELECTRIC STORAGE WATER HEATERS;
24	(f.5) ELECTRIC VEHICLE SUPPLY EQUIPMENT;
25	(h) Flushometer-valve water closets;
26	(i) General service lamps GAS FIREPLACES;
27	(j.5) IMPACT-RESISTANT FLUORESCENT LAMPS;

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1	(J./) IRRIGATION CONTROLLERS;
2	
3	(1.4) RESIDENTIAL DOORS;
4	(1.6) RESIDENTIAL SKYLIGHTS;
5	(m.6) Residential windows;
6	(m.8) Showerheads;
7	(o) Uninterruptible power supplies; and THERMOSTATS;
8	(0.2) Tub spout diverters and showerhead tub spout
9	DIVERTER COMBINATIONS;
10	(o.4) Urinals;
11	(o.6) Water closets;
12	(p) Water coolers; AND
13	(q) OTHER PRODUCTS AS MAY BE DESIGNATED BY THE EXECUTIVE
14	DIRECTOR PURSUANT TO SECTION 6-7.5-106.
15	(2) This article 7.5 does not apply to:
16	(c) Products held in inventory on or before:
17	(I) The effective date of the applicable standard for each category
18	of product set forth in this article 7.5; OR
19	(II) THE EFFECTIVE DATE FOR EACH CATEGORY OF PRODUCTS, AS
20	DETERMINED BY THE EXECUTIVE DIRECTOR BY RULE PURSUANT TO
21	SECTION 6-7.5-106.
22	(4) This article 7.5 does not preempt any action of a
23	STATUTORY OR HOME RULE MUNICIPALITY, COUNTY, OR CITY AND COUNTY
24	THAT PRESCRIBES ADDITIONAL OR MORE RESTRICTIVE WATER
25	CONSERVATION OR ENERGY EFFICIENCY REQUIREMENTS AFFECTING THE
26	SALE OR USE OF PLUMBING FIXTURES, APPLIANCES, OR OTHER PRODUCTS
2.7	IF THE REQUIREMENTS COMPLY WITH THE STANDARDS SPECIFIED IN THIS

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1	ARTICLE 7.5.
2	SECTION 4. In Colorado Revised Statutes, 6-7.5-105, amend
3	(1), (3) introductory portion, (3)(a), (3)(b), (3)(c), (3)(d), (3)(h), (3)(i),
4	(3)(j), (3)(k), and (3)(m) introductory portion; repeal (2), (3)(g), (3)(l)
5	and (4)(a); and add (5) as follows:
6	6-7.5-105. Standards - effective dates - repeal. (1) The
7	executive director need not adopt by rule, but shall collect and make
8	publicly available in hard copy, through a website, or both, the federal
9	rules and other rules and standards referred to in this section. The
10	references in this section are to the rules and standards as they existed or
11	the dates specified or, if not so specified, as they existed on August 2
12	2019, and do not include later editions or revisions. ON AND AFTER THE
13	EFFECTIVE DATE OF THIS SUBSECTION (1), AS AMENDED, A PERSON SHALL
14	NOT SELL ANY OF THE FOLLOWING PLUMBING FIXTURES IN COLORADO
15	UNLESS THEY ARE WATERSENSE-LISTED PLUMBING FIXTURES:
16	(a) (I) A PRIVATE LAVATORY FAUCET.
17	(II) This subsection (1)(a) is repealed, effective January 1.
18	2026.
19	(b) A PUBLIC LAVATORY FAUCET;
20	(c) A SHOWERHEAD;
21	(d) (I) A URINAL.
22	(II) This subsection $(1)(d)$ is repealed, effective January 1.
23	2026.
24	(e) A WATER CLOSET.
25	(2) On or after January 1, 2020, a person shall not sell or offer for
26	sale in Colorado a general service lamp unless it either:
27	(a) Is subject to federal preemption; or

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1	(b) Meets or exceeds a lamp efficacy of forty-five lumens per
2	watt, when tested in accordance with the applicable federal test
3	procedures for general service lamps prescribed in 10 CFR 430.23 (gg),
4	as in effect on January 3, 2017.
5	(3) On or AND after January 1, 2021, A PERSON SHALL NOT SELL,
6	LEASE, OR RENT ANY OF the following new products shall not be sold,
7	leased, or rented in Colorado unless the efficiency of the new product
8	meets or exceeds the following efficiency standards, as applicable:
9	(a) Commercial dishwashers included in the scope of the Energy
10	Star program requirements product specification for commercial
11	dishwashers version 2.0, must meet the qualification criteria of that
12	specification.
13	(b) Commercial fryers included in the scope of the Energy Star
14	program requirements product specification for commercial fryers version
15	2.0, must meet the qualification criteria of that specification.
16	(c) (I) Commercial hot food holding cabinets must have a
17	maximum idle energy rate of forty watts per cubic foot of interior volume,
18	as determined by the "idle energy rate-dry test" in ASTM standard
19	F2140-11, "Test Method for the Performance of Hot Food Holding
20	Cabinets", published by ASTM International, formerly known as the
21	American Society for Testing and Materials. Interior volume must be
22	measured as prescribed in the Energy Star program requirements product
23	specification for commercial hot food holding cabinets, version 2.0.
24	(II) This subsection $(3)(c)$ is repealed, effective January 1,
25	2026.
26	(d) Commercial steam cookers must meet the requirements of the
27	Energy Star program requirements product specification for commercial

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1	steam cookers. version 1.2.
2	(g) Flushometer-valve water closets included within the scope of
3	the WaterSense specification for flushometer-valve water closets, version
4	1.0, must meet the water efficiency and performance criteria and other
5	requirements of that specification.
6	(h) (I) High CRI fluorescent lamps must meet the minimum
7	efficacy requirements contained in 10 CFR 430.32 (n)(4) as in effect on
8	January 3, 2017, as measured in accordance with 10 CFR 430, subpart B,
9	appendix R, "Uniform Test Method for Measuring Average Lamp
10	Efficacy (LE), Color Rendering Index (CRI), and Correlated Color
11	Temperature (CCT) of Electric Lamps", as in effect on January 3, 2017.
12	(II) This subsection (3)(h) is repealed, effective January 1,
13	2026.
14	(i) Portable electric spas must meet the requirements of the
15	"American National Standard for Portable Electric Spa Energy
16	Efficiency" ANSI/APSP/ICC-14.
17	(j) New residential ventilating fans must meet the FAN MOTOR
18	EFFICACY qualification criteria of the Energy Star program requirements
19	product specification for residential ventilating fans. version 3.2.
20	(k) (I) Spray sprinkler bodies that are not specifically excluded
21	from the scope of the WaterSense PROGRAM PRODUCT specification for
22	spray sprinkler bodies, version 1.0, must include an integral pressure
23	regulator and must meet the water efficiency and performance criteria and
24	other requirements of that specification.
25	(II) This subsection $(3)(k)$ is repealed, effective January 1,
26	2026.
27	(l) Uninterruptible power supplies that utilize a NEMA 1-15P or

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5-15P input plug and have an alternating current output must have an average load-adjusted efficiency that meets or exceeds the values shown on page 193 of the prepublication final rule "Energy Conservation Program: Energy Conservation Standards for Uninterruptible Power Supplies" issued by the United States department of energy on December 28, 2016, as measured in accordance with test procedures prescribed in 10 CFR 430, subpart B, appendix Y, "Uniform Test Method for Measuring the Energy Consumption of Battery Chargers", as in effect on January 11, 2017.

- (m) Water coolers included in the scope of the Energy Star program requirements product specification for water coolers version 2.0, must have an "on" mode with no-water-draw energy consumption less than or equal to the following values as measured in accordance with the test requirements of that program:
- (4) On or after February 1, 2022, the following new products shall not be sold, leased, or rented in Colorado unless the efficiency of the new product meets or exceeds the following efficiency standards, as applicable:
- (a) Air compressors that meet the twelve criteria listed on page 350 to 351 of the "Energy Conservation Standards for Air Compressors" final rule issued by the United States department of energy on December 5, 2016, must meet the requirements in table 1 on page 352 following the instructions on page 353 and as measured in accordance with 10 CFR 431, subpart T, appendix A, "Uniform Test Method for Certain Air Compressors", as in effect on July 3, 2017.
- (5) On and after January 1, 2026, a person shall not sell, offer to sell, lease, or offer to lease any of the following new

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1	PRODUCTS IN COLORADO UNLESS THE EFFICIENCY OF THE NEW PRODUCT
2	MEETS OR EXCEEDS THE FOLLOWING EFFICIENCY STANDARDS, AS
3	APPLICABLE:
4	(a) AIR PURIFIERS, EXCEPT INDUSTRIAL AIR PURIFIERS, MUST MEET
5	THE CERTIFICATION REQUIREMENTS OF THE ENERGY STAR PROGRAM
6	PRODUCT SPECIFICATION FOR ROOM AIR CLEANERS.
7	(b) COMMERCIAL HOT FOOD HOLDING CABINETS MUST MEET THE
8	QUALIFICATION CRITERIA OF THE ENERGY STAR PROGRAM PRODUCT
9	SPECIFICATION FOR COMMERCIAL HOT FOOD HOLDING CABINETS.
10	(c) COMMERCIAL OVENS INCLUDED IN THE SCOPE OF THE ENERGY
11	STAR PROGRAM PRODUCT SPECIFICATION FOR COMMERCIAL OVENS MUST
12	MEET THE QUALIFICATION CRITERIA OF THAT SPECIFICATION.
13	(d) ELECTRIC STORAGE WATER HEATERS MUST HAVE A MODULAR
14	DEMAND RESPONSE COMMUNICATIONS PORT COMPLIANT WITH AHRI 1430.
15	(e) ELECTRIC VEHICLE SUPPLY EQUIPMENT INCLUDED IN THE SCOPE
16	OF THE ENERGY STAR PROGRAM PRODUCT SPECIFICATION FOR
17	ELECTRIC VEHICLE SUPPLY EQUIPMENT MUST MEET THE CERTIFICATION
18	CRITERIA OF THAT SPECIFICATION.
19	(f) Gas fireplaces must comply with the following
20	REQUIREMENTS:
21	(I) Gas fireplaces must be capable of automatically
22	EXTINGUISHING ANY PILOT FLAME WHEN THE MAIN GAS BURNER FLAME IS
23	EXTINGUISHED OR MUST PREVENT ANY IGNITION SOURCE FOR THE MAIN
24	GAS BURNER FLAME FROM OPERATING CONTINUOUSLY FOR MORE THAN
25	SEVEN DAYS FROM THE LAST USE OF THE MAIN GAS BURNER;
26	(II) DECORATIVE GAS FIREPLACES MUST HAVE A DIRECT VENT OR
27	POWER VENT CONFIGURATION LINLESS THE DECORATIVE GAS FIREPLACE

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1	IS MARKED FOR REPLACEMENT USE ONLY OR OUTDOOR USE ONLY OR IS A
2	GAS LOG SET; AND
3	(III) HEATING GAS FIREPLACES MUST HAVE A FIREPLACE
4	EFFICIENCY OF AT LEAST FIFTY PERCENT WHEN TESTED IN ACCORDANCE
5	WITH CANADIAN STANDARDS ASSOCIATION P.4.1-15, "TESTING METHOD
6	FOR MEASURING FIREPLACE EFFICIENCY", AS AMENDED OR REVISED.
7	(g) HIGH CRI, COLD-TEMPERATURE, AND IMPACT-RESISTANT
8	FLUORESCENT LAMPS MUST MEET THE MINIMUM EFFICACY REQUIREMENTS
9	CONTAINED IN 10 CFR 430.32 (n)(4), AS MEASURED IN ACCORDANCE WITH
10	10 CFR 430, SUBPART B, APPENDIX R, "UNIFORM TEST METHOD FOR
11	MEASURING AVERAGE LAMP EFFICACY (LE), COLOR RENDERING INDEX
12	(CRI), AND CORRELATED COLOR TEMPERATURE (CCT) OF ELECTRIC
13	LAMPS".
14	(h) IRRIGATION CONTROLLERS MUST COMPLY WITH THE
15	FOLLOWING REQUIREMENTS:
16	(I) WEATHER-BASED IRRIGATION CONTROLLERS INCLUDED WITHIN
17	THE SCOPE OF THE WATER SENSE PROGRAM PRODUCT SPECIFICATION FOR
18	WEATHER-BASED IRRIGATION CONTROLLERS MUST MEET THE WATER
19	EFFICIENCY AND PERFORMANCE CRITERIA AND OTHER REQUIREMENTS FOR
20	THAT SPECIFICATION; AND
21	(II) SOIL MOISTURE-BASED IRRIGATION CONTROLLERS
22	INCLUDED WITHIN THE SCOPE OF THE WATER SENSE PROGRAM PRODUCT
23	SPECIFICATION FOR SOIL MOISTURE-BASED IRRIGATION CONTROLLERS
24	MUST MEET THE WATER EFFICIENCY AND PERFORMANCE CRITERIA AND
25	OTHER REQUIREMENTS FOR THAT SPECIFICATION.
26	(i) PRIVATE LAVATORY FAUCETS, TUB SPOUT DIVERTERS,
27	SHOWERHEAD TUB SPOUT DIVERTER COMBINATIONS, AND URINALS MUST

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1	MEET THE REQUIREMENTS IN 20 CCR SEC. 1605.3, AS MEASURED IN
2	ACCORDANCE WITH THE TEST METHODS PRESCRIBED IN 20 CCR SEC. 1604,
3	AS AMENDED.
4	(j) RESIDENTIAL WINDOWS, RESIDENTIAL DOORS, AND RESIDENTIAL
5	SKYLIGHTS INCLUDED IN THE SCOPE OF THE ENERGY STAR PROGRAM
6	PRODUCT SPECIFICATION FOR RESIDENTIAL WINDOWS, DOORS, AND
7	SKYLIGHTS MUST SATISFY THE NORTHERN CLIMATE ZONE QUALIFICATION
8	CRITERIA OF THAT SPECIFICATION; EXCEPT THAT RESIDENTIAL WINDOWS
9	AND DOORS THAT ARE CUSTOM DESIGNED FOR A HISTORICALLY
10	DESIGNATED BUILDING AND REQUIRED IN ORDER TO MAINTAIN THE
11	HISTORIC NATURE OR CHARACTER OF SUCH A BUILDING ARE NOT REQUIRED
12	TO SATISFY SUCH CRITERIA.
13	(k) SPRAY SPRINKLER BODIES THAT ARE NOT SPECIFICALLY
14	EXCLUDED FROM THE SCOPE OF THE WATERSENSE PROGRAM PRODUCT
15	SPECIFICATION FOR SPRAY SPRINKLER BODIES MUST INCLUDE AN INTEGRAL
16	PRESSURE REGULATOR AND A CHECK VALVE AND MUST MEET THE WATER
17	EFFICIENCY AND PERFORMANCE CRITERIA AND OTHER REQUIREMENTS OF
18	THAT SPECIFICATION.
19	(1) THERMOSTATS MUST BE PROGRAMMABLE THERMOSTATS OR
20	SMART THERMOSTATS.
21	<b>SECTION 5.</b> In Colorado Revised Statutes, <b>amend</b> 6-7.5-106 as
22	follows:
23	6-7.5-106. New and revised standards - rules. (1) The
24	executive director may adopt by rule a more recent version of any
25	standard or test method established in section 6-7.5-105, including any
26	product definition associated with the standard or test method, in order to
27	maintain or improve consistency with other comparable standards in other

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1	states, so long as the resulting efficiency is equal to or greater than the
2	efficiency achieved using the prior standard or test method. The executive
3	director shall allow at least a one-year delay between the adoption by rule
4	and the enforcement of any new standard or test method.
5	(2) On or before January 1, 2026, and on or before January
6	1 EVERY FIVE YEARS THEREAFTER, THE EXECUTIVE DIRECTOR SHALL
7	PROMULGATE RULES ESTABLISHING STANDARDS FOR PRODUCTS THAT ARE
8	NOT DESCRIBED IN SECTION $6-7.5-104$ or $6-7.5-105$ if such standards:
9	(a) Would improve energy or water conservation in the
10	STATE; AND
11	(b) EXIST IN AT LEAST THREE OTHER STATES OR ARE PUBLISHED IN
12	FINALIZED FORM BY THE ENERGY STAR PROGRAM OR THE WATERSENSE
13	PROGRAM.
14	(3) After January 1, 2026, the executive director shall
15	ALLOW A ONE-YEAR GRACE PERIOD AFTER ANY STANDARD, STANDARD
16	VERSION, DEFINITION, OR TEST METHOD REFERENCED IN THIS ARTICLE $7.5$
17	IS UPDATED, DURING WHICH TIME A PRODUCT MAY MEET EITHER THE
18	PREVIOUS STANDARD OR THE UPDATED STANDARD, STANDARD VERSION,
19	DEFINITION, OR TEST METHOD, AS APPLICABLE.
20	<b>SECTION 6.</b> In Colorado Revised Statutes, 6-7.5-109, amend (1)
21	introductory portion; and <b>add</b> (3), (4), and (5) as follows:
22	6-7.5-109. Testing, certification, labeling, and enforcement -
23	rules - verifications of compliance - publication of material
24	incorporated by reference. (1) Unless a product appears in THE STATE
25	APPLIANCE STANDARDS DATABASE MAINTAINED BY THE NORTHEAST
26	ENERGY EFFICIENCY PARTNERSHIPS, OR A SUCCESSOR ORGANIZATION, OR
27	IN a public database of compliant products maintained by other states or

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1	federal agencies with equivalent or more stringent efficiency standards,
2	the manufacturers of products covered by this article 7.5 shall
3	demonstrate that the products comply with this article 7.5 by doing any
4	one or more of the following:
5	(3) On or before January 1, 2026, the executive director
6	SHALL COLLECT AND MAKE PUBLICLY AVAILABLE IN WRITTEN AND
7	ELECTRONIC FORM THE FEDERAL RULES AND OTHER RULES AND
8	STANDARDS REFERRED TO IN THIS PART 7.5. THE EXECUTIVE DIRECTOR
9	SHALL UPDATE THE PUBLICLY AVAILABLE RULES AND STANDARDS AS THEY
10	MAY BE UPDATED OR ADDED IN ACCORDANCE WITH SECTION 6-7.5-106.
11	(4) THE EXECUTIVE DIRECTOR SHALL:
12	(a) Verify major retailers' and distributors' compliance
13	WITH THE PROVISIONS OF THIS ARTICLE 7.5 THROUGH ONLINE
14	SPOT-CHECKS, COORDINATION WITH OTHER STATES THAT HAVE SIMILAR
15	STANDARDS, OR BOTH;
16	(b) CONDUCT SUCH VERIFICATIONS AT LEAST ONCE BEFORE
17	January 1, 2027, and again at least once before January 1, 2032;
18	(c) Deliver a report on the method and findings of the
19	VERIFICATIONS TO THE ENERGY AND ENVIRONMENT COMMITTEE OF THE
20	HOUSE OF REPRESENTATIVES AND TO THE TRANSPORTATION AND ENERGY
21	COMMITTEE OF THE SENATE, OR TO ANY SUCCESSOR COMMITTEES, AND
22	POST THE REPORT TO THE DEPARTMENT OF PUBLIC HEALTH AND
23	ENVIRONMENT'S WEBSITE WITHIN ONE MONTH AFTER ITS COMPLETION;
24	AND
25	(d) Deliver any findings of violations to the attorney
26	GENERAL.
27	(5) On or before January 1, 2026, the executive director

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1	SHALL ESTABLISH A PROCESS WHEREBY INDIVIDUALS MAY ANONYMOUSLY
2	REPORT POTENTIAL VIOLATIONS OF THIS ARTICLE 7.5 ON THE DEPARTMENT
3	OF PUBLIC HEALTH AND ENVIRONMENT'S PUBLIC WEBSITE. THE EXECUTIVE
4	DIRECTOR SHALL INVESTIGATE ANY REPORTED POTENTIAL VIOLATION AND
5	SHALL REPORT ANY CONFIRMED VIOLATIONS TO THE ATTORNEY GENERAL.
6	SECTION 7. In Colorado Revised Statutes, 6-7.5-110, amend
7	(2)(a) as follows:
8	6-7.5-110. Penalties - civil action by attorney general.
9	(2) Whenever the attorney general has probable cause to believe that any
10	person or group of persons has violated or caused another to violate
11	subsection (1) of this section, the attorney general may bring a civil action
12	on behalf of the state to seek the imposition of civil penalties as follows:
13	(a) Any person who violates or causes another to violate
14	subsection (1) of this section shall forfeit and pay to the general fund of
15	this state a civil penalty of not more than two thousand dollars for each
16	such violation, WHICH AMOUNT SHALL BE TRANSFERRED TO THE STATE
17	TREASURER TO BE CREDITED TO THE ENERGY FUND CREATED IN SECTION
18	24-38.5-102.4. For purposes of this subsection (2)(a), a violation
19	constitutes a separate violation with respect to each consumer or
20	transaction OR ONLINE FOR-SALE PRODUCT LISTING involved; except that
21	the maximum civil penalty shall MAY not exceed five hundred thousand
22	dollars for any related series of violations.
23	SECTION 8. In Colorado Revised Statutes, add part 14 to article
24	5 of title 25 as follows:
25	PART 14
26	CLEAN LIGHTING
27	25-5-1401. Short title. The short title of this part 14 is the

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1	"CLEAN LIGHTING ACT".
2	25-5-1402. Legislative declaration. (1) The General Assembly
3	FINDS AND DETERMINES THAT:
4	(a) MERCURY IS A POTENT AND PERSISTENT NEUROTOXIN THAT
5	CAUSES HARM TO HUMAN NERVOUS SYSTEMS, IMMUNE SYSTEMS, AND
6	ORGAN FUNCTION AND IMPAIRS FETAL AND CHILD DEVELOPMENT;
7	(b) ACCELERATING THE PHASE-OUT OF GENERAL-PURPOSE
8	FLUORESCENT LIGHT BULBS CONTAINING TOXIC MERCURY WILL PROTECT
9	WORKER HEALTH AND PUBLIC HEALTH, INCLUDING DURING THE
10	MANUFACTURE, DISTRIBUTION, USE, COLLECTION, DISPOSAL, AND
11	RECYCLING OF THE LIGHT BULBS;
12	(c) Fluorescent bulbs have long provided a valuable
13	SERVICE, BUT CLEANER, SAFER ALTERNATIVES HAVE BECOME WIDELY
14	AVAILABLE AND AFFORDABLE;
15	(d) MERCURY-FREE LED REPLACEMENTS FOR GENERAL-PURPOSE
16	FLUORESCENT BULBS PROVIDE THE SAME OR BETTER LIGHTING SERVICE,
17	LONGER PRODUCT LIFE, AND MUCH LOWER TOTAL COST; AND
18	(e) ACCORDING TO A STUDY FROM THE APPLIANCE STANDARDS
19	AWARENESS PROJECT, ACCELERATING THE PHASE-OUT OF MOST
20	GENERAL-PURPOSE FLUORESCENT LIGHTING FOR SALE IN COLORADO WILL
21	PREVENT ONE HUNDRED SIXTY-SEVEN POUNDS OF MERCURY AND TWO
22	MILLION ONE HUNDRED THOUSAND METRIC TONS OF CARBON DIOXIDE
23	EMISSIONS FROM ENTERING THE ENVIRONMENT AND LEAD TO FIVE
24	HUNDRED SEVENTY-TWO MILLION DOLLARS IN NET UTILITY BILL SAVINGS
25	FOR COLORADO BUSINESSES AND RESIDENTS.
26	(2) THE GENERAL ASSEMBLY THEREFORE DECLARES THAT IT IS IN
27	THE PUBLIC INTEREST TO PHASE OUT THE SALE OF GENERAL-PURPOSE

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1	FLUORESCENT LIGHT BULBS THAT CONTAIN MERCURY.
2	<b>25-5-1403. Definitions.</b> As used in this part 14, unless the
3	CONTEXT OTHERWISE REQUIRES:
4	(1) "CIECAM02-UCS" MEANS A COLOR APPEARANCE MODEL
5	DESIGNED BY THE INTERNATIONAL COMMISSION ON ILLUMINATION TO
6	ACCURATELY MODEL HUMAN COLOR PERCEPTION THAT USES UNIFORM
7	COLOR SPACE.
8	(2) (a) "COMPACT FLUORESCENT LAMP" MEANS A COMPACT,
9	LOW-PRESSURE, MERCURY-CONTAINING, ELECTRIC-DISCHARGE LIGHT
10	SOURCE:
11	(I) IN WHICH A FLUORESCENT COATING TRANSFORMS SOME OF THE
12	ULTRAVIOLET ENERGY GENERATED BY THE MERCURY DISCHARGE INTO
13	VISIBLE LIGHT; AND
14	(II) THAT:
15	(A) INCLUDES ONE BASE OR END CAP OF ANY TYPE, INCLUDING
16	SCREW, BAYONET, TWO-PIN, OR FOUR-PIN;
17	(B) IS INTEGRALLY BALLASTED OR NONINTEGRALLY BALLASTED;
18	(C) EMITS LIGHT BETWEEN A CORRELATED COLOR TEMPERATURE
19	of $1700\mathrm{Kelvin}$ and $24000\mathrm{Kelvin}$ and a Duv of $+0.024\mathrm{And}$ - $0.024\mathrm{in}$
20	THE CIECAM02-UCS; AND
21	(D) INCLUDES ONE OR MORE TUBES, WHICH MAY BE OF ANY
22	DIAMETER OR LENGTH.
23	(b) "COMPACT FLUORESCENT LAMP" INCLUDES LAMPS OF ALL SIZES
24	AND SHAPES FOR DIRECTIONAL AND NONDIRECTIONAL INSTALLATIONS,
25	INCLUDING PLUG-IN, SPIRAL, TWIN TUBE, TRIPLE TWIN, 2D, U-BEND, AND
26	CIRCULAR LAMPS, THAT SATISFY THE DESCRIPTION IN SUBSECTION (2)(a)
27	OF THIS SECTION.

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1	(3) "Duv" means delta (u, $2/3v$ '), which is a metric that
2	DESCRIBES THE DISTANCE OF A LIGHT COLOR POINT FROM THE PLANCKIAN
3	LOCUS.
4	(4) "EXECUTIVE DIRECTOR" MEANS THE EXECUTIVE DIRECTOR OF
5	THE DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT OR THE
6	EXECUTIVE DIRECTOR'S DESIGNEE.
7	(5) (a) "LINEAR FLUORESCENT LAMP" MEANS A LOW-PRESSURE,
8	MERCURY-CONTAINING, ELECTRIC-DISCHARGE LIGHT SOURCE:
9	(I) IN WHICH A FLUORESCENT COATING TRANSFORMS SOME OF THE
10	ULTRAVIOLET ENERGY GENERATED BY THE MERCURY DISCHARGE INTO
11	VISIBLE LIGHT; AND
12	(II) That:
13	(A) INCLUDES TWO BASES OR END CAPS OF ANY TYPE, INCLUDING
14	SINGLE-PIN, TWO-PIN, OR RECESSED DOUBLE CONTACT;
15	(B) EMITS LIGHT BETWEEN A CORRELATED COLOR TEMPERATURE
16	of $1700\mathrm{Kelvin}$ and $24000\mathrm{Kelvin}$ and a Duv of $+0.024\mathrm{And}$ - $0.024\mathrm{in}$
17	THE CIECAM02-UCS;
18	(C) Includes all tube diameters, including $T5, T8, T10, and$
19	T12 TUBES; AND
20	$(D) \ \ Includes \ all \ tube \ lengths \ from \ six \ inches \ to \ eight \ feet.$
21	(b) "LINEAR FLUORESCENT LAMP" INCLUDES LAMPS OF ALL
22	SHAPES, INCLUDING LINEAR, U-BEND, AND CIRCULAR.
23	(6) "SUNLAMP PRODUCT" HAS THE MEANING SET FORTH IN $21\mathrm{CFR}$
24	1040.20 (b)(9).
25	<b>25-5-1404. Scope and applicability.</b> (1) EXCEPT AS DESCRIBED
26	IN SUBSECTION (2) OF THIS SECTION, THIS PART 14 APPLIES TO COMPACT
27	FLUORESCENT LAMPS AND LINEAR FLUORESCENT LAMPS SOLD AS NEW IN

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1	Colorado.
2	(2) This part 14 does not apply to:
3	(a) A LAMP THAT IS DESIGNED AND MARKETED EXCLUSIVELY FOR
4	IMAGE CAPTURE AND PROJECTION, INCLUDING PHOTOCOPYING; PRINTING,
5	EITHER DIRECTLY OR IN PREPROCESSING; LITHOGRAPHY; FILM AND VIDEO
6	PROJECTION; AND HOLOGRAPHY;
7	(b) A LAMP THAT EMITS ULTRAVIOLET LIGHT AND THAT:
8	(I) EMITS ULTRAVIOLET LIGHT GREATER THAN TWO MILLIWATTS
9	PER KILOLUMEN (MW/KLM);
10	(II) Is designed and marketed exclusively for a germicidal
11	PURPOSE, SUCH AS FOR THE DESTRUCTION OF DNA, WHICH LAMP EMITS A
12	PEAK RADIATION OF APPROXIMATELY TWO HUNDRED FIFTY-THREE AND
13	SEVEN-TENTHS NANOMETERS;
14	(III) IS DESIGNED AND MARKETED EXCLUSIVELY FOR DISINFECTION
15	OR FLY TRAPPING AND:
16	(A) From which the total radiation power emitted
17	BETWEEN TWO HUNDRED AND THREE HUNDRED FIFTEEN NANOMETERS
18	REPRESENTS AT LEAST FIVE PERCENT OF THE TOTAL RADIATION POWER
19	EMITTED BETWEEN TWO HUNDRED FIFTY AND EIGHT HUNDRED
20	NANOMETERS; OR
21	(B) From which the total radiation power emitted between
22	THREE HUNDRED FIFTEEN AND FOUR HUNDRED NANOMETERS REPRESENTS
23	AT LEAST TWENTY PERCENT OF THE TOTAL RADIATION POWER EMITTED
24	BETWEEN TWO HUNDRED FIFTY AND EIGHT HUNDRED NANOMETERS;
25	(IV) IS DESIGNED AND MARKETED EXCLUSIVELY FOR THE
26	GENERATION OF OZONE WHERE THE PRIMARY PURPOSE IS TO EMIT
27	RADIATION AT APPROXIMATELY ONE HUNDRED EIGHTY-FIVE AND

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1	ONE-TENTH NANOMETERS;
2	(V) IS DESIGNED AND MARKETED EXCLUSIVELY FOR CORAL
3	ZOOXANTHELLAE SYMBIOSIS AND FROM WHICH THE RADIATION POWER
4	EMITTED BETWEEN FOUR HUNDRED AND FOUR HUNDRED EIGHTY
5	NANOMETERS REPRESENTS AT LEAST FORTY PERCENT OF THE TOTAL
6	RADIATION POWER EMITTED BETWEEN TWO HUNDRED FIFTY AND EIGHT
7	HUNDRED NANOMETERS;
8	(VI) IS DESIGNED AND MARKETED EXCLUSIVELY FOR USE IN A
9	SUNLAMP PRODUCT;
10	(VII) IS DESIGNED AND MARKETED EXCLUSIVELY FOR USE IN A
11	MEDICAL DEVICE FOR MEDICAL OR VETERINARY DIAGNOSIS OR
12	TREATMENT;
13	(VIII) IS DESIGNED AND MARKETED EXCLUSIVELY FOR USE IN
14	PHARMACEUTICAL PRODUCT MANUFACTURING OR QUALITY CONTROL;
15	(IX) IS DESIGNED AND MARKETED EXCLUSIVELY FOR
16	SPECTROSCOPY AND PHOTOMETRIC APPLICATIONS, SUCH AS UV-VISIBLE
17	SPECTROSCOPY, MOLECULAR SPECTROSCOPY, ATOMIC ABSORPTION
18	SPECTROSCOPY, NONDISPERSIVE INFRARED, FOURIER TRANSFORM
19	INFRARED, MEDICAL ANALYSIS, ELLIPSOMETRY, LAYER THICKNESS
20	MEASUREMENT, PROCESS MONITORING, OR ENVIRONMENTAL MONITORING;
21	OR
22	(X) IS USED BY ACADEMIC AND RESEARCH INSTITUTIONS
23	EXCLUSIVELY FOR CONDUCTING RESEARCH PROJECTS AND EXPERIMENTS;
24	OR
25	(c) A PRODUCT THAT IS HELD IN INVENTORY IN COLORADO ON THE
26	EFFECTIVE DATE OF THE APPLICABLE STANDARD DESCRIBED IN SECTION
27	25-5-1405.

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1	<b>25-5-1405. Prohibited lamps.</b> (1) ON AND AFTER JANUARY
2	$1,2025, {\tt aPERSONSHALLNOTMANUFACTURE}, {\tt DISTRIBUTE}, {\tt SELL}, {\tt oroffer}$
3	FOR SALE IN COLORADO ANY:
4	(a) LINEAR FLUORESCENT LAMP; OR
5	(b) COMPACT FLUORESCENT LAMP.
6	25-5-1406. Enforcement - verifications of compliance - civil
7	action by attorney general - penalties. (1) THE EXECUTIVE DIRECTOR
8	SHALL:
9	(a) Verify major retailers' and distributors' compliance
10	WITH THE PROVISIONS OF THIS PART 14 THROUGH ONLINE SPOT-CHECKS,
11	COORDINATION WITH OTHER STATES THAT HAVE SIMILAR STANDARDS, OR
12	вотн;
13	(b) CONDUCT SUCH VERIFICATIONS AT LEAST ONCE BEFORE
14	JANUARY 1, 2026, AND AGAIN AT LEAST ONCE BEFORE JANUARY 1, 2031;
15	(c) DELIVER A REPORT ON THE METHOD AND FINDINGS OF THE
16	VERIFICATIONS TO THE ENERGY AND ENVIRONMENT COMMITTEE OF THE
17	HOUSE OF REPRESENTATIVES AND TO THE TRANSPORTATION AND ENERGY
18	COMMITTEE OF THE SENATE, OR TO ANY SUCCESSOR COMMITTEES, AND
19	POST THE REPORT TO THE DEPARTMENT OF PUBLIC HEALTH AND
20	ENVIRONMENT'S WEBSITE WITHIN ONE MONTH AFTER ITS COMPLETION;
21	AND
22	(d) Deliver any findings of violations to the attorney
23	GENERAL.
24	(2) On or before January 1, $2025$ , the executive director
25	SHALL ESTABLISH A PROCESS WHEREBY INDIVIDUALS MAY ANONYMOUSLY
26	REPORT POTENTIAL VIOLATIONS OF THIS PART 14 ON THE DEPARTMENT OF
27	PUBLIC HEALTH AND ENVIRONMENT'S PUBLIC WEBSITE. THE EXECUTIVE

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1	DIRECTOR SHALL INVESTIGATE ANY REPORTED POTENTIAL VIOLATION AND
2	SHALLREPORTANYCONFIRMEDVIOLATIONSTOTHEATTORNEYGENERAL.
3	(3) (a) If the attorney general has probable cause to
4	BELIEVE THAT ANY PERSON OR GROUP OF PERSONS HAS VIOLATED OR
5	CAUSED ANOTHER PERSON TO VIOLATE SECTION 25-5-1405, THE
6	ATTORNEY GENERAL MAY BRING A CIVIL ACTION ON BEHALF OF THE STATE
7	TO SEEK THE IMPOSITION OF CIVIL PENALTIES AS SPECIFIED IN THIS
8	SUBSECTION (3). ANY PERSON WHO VIOLATES OR CAUSES ANOTHER
9	PERSON TO VIOLATE SECTION 25-5-1405 SHALL PAY A CIVIL PENALTY OF
10	NOT MORE THAN FIVE HUNDRED DOLLARS FOR EACH VIOLATION, WHICH
11	AMOUNT SHALL BE TRANSFERRED TO THE STATE TREASURER TO BE
12	CREDITED TO THE ENERGY FUND CREATED IN SECTION 24-38.5-102.4.
13	(b) For purposes of subsection (3)(a) of this section:
14	(I) EACH TRANSACTION OR ONLINE FOR-SALE PRODUCT LISTING
15	INVOLVED CONSTITUTES A SEPARATE VIOLATION; EXCEPT THAT THE
16	MAXIMUM CIVIL PENALTY MAY NOT EXCEED FIVE HUNDRED THOUSAND
17	DOLLARS FOR ANY RELATED SERIES OF VIOLATIONS; AND
18	(II) A COURT SHALL NOT IMPOSE A FINE AGAINST A
19	NONMANAGERIAL EMPLOYEE OF A CONTRACTOR THAT INSTALLS, REPAIRS,
20	OR REPLACES LINEAR OR COMPACT FLUORESCENT LAMPS AND COLLECTS
21	FROM THE CUSTOMER AN AMOUNT REPRESENTING BOTH PARTS AND
22	LABOR.
23	SECTION 9. In Colorado Revised Statutes, add part 15 to article
24	7 of title 25 as follows:
25	PART 15
26	ENVIRONMENTAL STANDARDS FOR HEATING
27	AND WATER HEATING APPLIANCES

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1	<b>25-7-1501. Legislative declaration.</b> (1) THE GENERAL ASSEMBLY
2	DECLARES THAT IT IS IN THE INTEREST OF THE STATE TO REDUCE AND
3	PREVENT AIR POLLUTION FROM CERTAIN NEW HEATING AND WATER
4	HEATING APPLIANCES IN ORDER TO:
5	(a) PROTECT THE AIR THAT COLORADANS BREATHE BY REDUCING
6	UNHEALTHY LEVELS OF SMOG AND OZONE, WHICH HAVE HIT RECORD HIGHS
7	IN COLORADO IN RECENT YEARS AND HAVE DISPROPORTIONATELY
8	IMPACTED LOW-INCOME AREAS;
9	(b) MINIMIZE HEALTH RISKS ASSOCIATED WITH AIR POLLUTION,
10	INCLUDING RESPIRATORY AILMENTS SUCH AS ASTHMA AND
11	CARDIOVASCULAR ILLNESSES, WHICH ARE LINKED TO EXPOSURE TO FINE
12	PARTICULATE MATTER AND NITROGEN DIOXIDE;
13	(c) Assist Colorado counties in achieving attainment of
14	FEDERAL OZONE NATIONAL AMBIENT AIR QUALITY STANDARDS;
15	(d) IMPROVE THE CLARITY OF SCENIC VIEWS FOR PURPOSES OF
16	FACILITATING ENJOYMENT OF COLORADO'S BOUNTIFUL NATURAL
17	RESOURCES AND MAINTAIN ITS REPUTATION FOR HIGH-QUALITY OUTDOOR
18	RECREATION;
19	(e) MITIGATE THE EFFECTS OF CLIMATE CHANGE;
20	(f) Contribute to the state's economy by building a
21	TRAINED AND COMPETITIVE WORKFORCE TO INSTALL AND MAINTAIN
22	NEWLY PURCHASED APPLIANCES; AND
23	(g) Ensure that the benefits of clean and healthy air are
24	DISTRIBUTED TO ALL PARTS OF THE STATE.
25	<b>25-7-1502. Definitions.</b> As used in this part 15, unless the
26	CONTEXT OTHERWISE REQUIRES:
27	

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2	UNIT OF MEASUREMENT EQUAL TO THE QUANTITY OF HEAT REQUIRED TO
3	RAISE THE TEMPERATURE OF ONE POUND OF WATER ONE DEGREE
4	FAHRENHEIT AT APPROXIMATELY SIXTY DEGREES FAHRENHEIT.
5	(2) "ENERGY STAR PROGRAM" HAS THE MEANING SET FORTH IN
6	SECTION 6-7.5-102 (24).
7	(3) "EXECUTIVE DIRECTOR" MEANS THE EXECUTIVE DIRECTOR OF
8	THE DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT OR THE
9	EXECUTIVE DIRECTOR'S DESIGNEE.
10	(4) "FAN-TYPE CENTRAL FURNACE" MEANS A SELF-CONTAINED
11	SPACE HEATER THAT PROVIDES FOR CIRCULATION OF HEATED AIR AT
12	PRESSURES OTHER THAN ATMOSPHERIC THROUGH DUCTS MORE THAN TEN
13	INCHES IN LENGTH.
14	(5) (a) "HEAT INPUT" MEANS THE HEAT RELEASED BY THE
15	COMBUSTION OF FUELS AND IS BASED ON THE GROSS ENERGY CONTENT OF
16	THE COMBUSTIBLE FUEL, ALSO KNOWN AS THE HIGHER HEATING VALUE OF
17	FUEL.
18	(b) "HEAT INPUT" DOES NOT INCLUDE THE ENTHALPY OF INCOMING
19	COMBUSTION AIR.
20	(6) "HEAT OUTPUT" MEANS THE ENTHALPY OF THE WORKING FLUID
21	OUTPUT OF A WATER HEATER.
22	(7) "MANUFACTURED HOME" MEANS A PREFABRICATED
23	STRUCTURE ON A PERMANENTLY ATTACHED CHASSIS, WHICH STRUCTURE
24	SATISFIES THE FEDERAL MANUFACTURED HOME CONSTRUCTION SAFETY
25	STANDARD, AS DEFINED IN SECTION 24-32-3302 (13).
26	(8) "NOX" MEANS THE SUM OF NITRIC OXIDE AND NITROGEN
27	DIOXIDE.

(1) "BTU" MEANS BRITISH THERMAL UNIT, WHICH IS A SCIENTIFIC

1

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1	(9) "RATED HEAT INPUT CAPACITY" MEANS THE HEAT INPUT
2	CAPACITY SPECIFIED ON THE NAMEPLATE OF A WATER HEATER. IF A WATER
3	HEATER HAS BEEN ALTERED OR MODIFIED SUCH THAT ITS MAXIMUM HEAT
4	INPUT IS DIFFERENT FROM THE HEAT INPUT CAPACITY SPECIFIED ON THE
5	NAMEPLATE, THE NEW MAXIMUM HEAT INPUT IS THE WATER HEATER'S
6	RATED HEAT INPUT CAPACITY.
7	(10) "RECREATIONAL VEHICLE" MEANS A MOTOR HOME, TRAVEL
8	TRAILER, TRUCK CAMPER, OR CAMPING TRAILER, WITH OR WITHOUT
9	MOTIVE POWER, THAT IS DESIGNED FOR HUMAN OCCUPANCY AND FOR
10	RECREATIONAL, EMERGENCY, OR OTHER USE.
11	(11) "WATER HEATER" MEANS A DEVICE THAT HEATS WATER BY
12	COMBUSTION OF FUEL OR THROUGH THE USE OF ELECTRICITY TO A
13	THERMOSTATICALLY CONTROLLED TEMPERATURE NOT EXCEEDING TWO
14	HUNDRED TEN DEGREES FAHRENHEIT OR NINETY-NINE DEGREES CELSIUS,
15	FOR USE EXTERNAL TO THE DEVICE, AT A PRESSURE NOT EXCEEDING ONE
16	HUNDRED SIXTY POUNDS PER SQUARE INCH GAUGE.
17	<b>25-7-1503.</b> Scope and applicability. (1) EXCEPT AS DESCRIBED
18	IN SUBSECTION (2) OF THIS SECTION AND AS MODIFIED BY RULES
19	PROMULGATED BY THE EXECUTIVE DIRECTOR OR THE COMMISSION
20	PURSUANT TO SECTION 25-7-1506, THIS PART 15 APPLIES TO THE
21	FOLLOWING NEW PRODUCTS:
22	(a) WATER HEATERS WITH A RATED HEAT INPUT CAPACITY OF TWO
23	MILLION BTUS PER HOUR OR LESS; AND
24	(b) FAN-TYPE CENTRAL FURNACES THAT:
25	(I) REQUIRE EITHER SINGLE-PHASE OR THREE-PHASE ELECTRIC
26	SUPPLY;
27	(II) ARE USED FOR COMFORT HEATING; AND

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1	(III) HAVE A RATED HEAT INPUT CAPACITY OF LESS THAN ONE
2	HUNDRED SEVENTY-FIVE THOUSAND BTUS PER HOUR, AND, IN THE CASE
3	OF COMBINATION HEATING AND COOLING UNITS, A COOLING RATE OF LESS
4	THAN SIXTY-FIVE THOUSAND BTUS PER HOUR.
5	(2) This part 15 does not apply to:
6	(a) PRODUCTS HELD IN INVENTORY IN COLORADO ON THE
7	EFFECTIVE DATE OF THE APPLICABLE STANDARD;
8	(b) PRODUCTS THAT WERE INSTALLED IN MANUFACTURED HOMES
9	AT THE TIME OF CONSTRUCTION;
10	(c) PRODUCTS DESIGNED EXPRESSLY FOR INSTALLATION AND USE
11	IN RECREATIONAL VEHICLES; OR
12	(d) PRODUCTS THAT DO NOT BURN FOSSIL FUELS.
13	25-7-1504. Emission standards for new products. (1) ON AND
14	AFTER JANUARY 1, 2026, EXCEPT AS DESCRIBED IN SECTION 25-7-1506, A
15	PERSON SHALL NOT MANUFACTURE, DISTRIBUTE, SELL, OFFER FOR SALE,
16	LEASE, OR OFFER FOR LEASE IN COLORADO ANY OF THE FOLLOWING NEW
17	PRODUCTS UNLESS THE EMISSIONS OF THE PRODUCT DO NOT EXCEED THE
18	FOLLOWING EMISSIONS LIMITS, AS APPLICABLE:
19	(a) TEN NANOGRAMS OF NOX PER JOULE FOR WATER HEATERS
20	WITH A RATED HEAT INPUT CAPACITY OF UP TO SEVENTY-FIVE THOUSAND
21	BTUs per hour and for any unit with power assist;
22	(b) FOURTEEN NANOGRAMS OF NOX PER JOULE FOR WATER
23	HEATERS WITH A RATED HEAT INPUT CAPACITY OF MORE THAN
24	SEVENTY-FIVE THOUSAND AND LESS THAN TWO MILLION BTUS PER HOUR;
25	OR
26	(c) FOURTEEN NANOGRAMS OF NOX PER JOULE FOR FAN-TYPE
27	CENTRAL FURNACES.

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1	(2) EQUIPMENT THAT IS CERTIFIED TO THE MOST RECENT VERSION
2	OF THE ENERGY STAR PROGRAM FOR THE RELEVANT EQUIPMENT TYPE IS
3	DEEMED TO COMPLY WITH THE REQUIREMENTS OF SUBSECTION (1) OF THIS
4	SECTION.
5	25-7-1505. Testing - required displays - demonstrations of
6	compliance. (1) Manufacturers of Natural-Gas-fueled water
7	HEATERS DESCRIBED BY SECTION 25-7-1503 (1)(a) SHALL TEST EACH
8	APPLICABLE MODEL FOR SALE IN COLORADO IN ACCORDANCE WITH THE
9	SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT PROTOCOL "NITROGEN
10	OXIDES EMISSIONS COMPLIANCE TESTING FOR NATURAL GAS-FIRED
11	WATER HEATERS AND SMALL BOILERS", AS AMENDED.
12	(2) Manufacturers of fan-type central furnaces
13	DESCRIBED BY SECTION 25-7-1503 (1)(c) SHALL TEST EACH APPLICABLE
14	MODEL FOR SALE IN COLORADO IN ACCORDANCE WITH THE SOUTH COAST
15	AIR QUALITY MANAGEMENT DISTRICT METHOD 100.1 "INSTRUMENTAL
16	Analyzer Procedures for Continuous Gaseous Emission
17	SAMPLING", AS AMENDED.
18	
19	(3) Unless a product appears in a public database of
20	PRODUCTS MAINTAINED BY A STATE OR FEDERAL AGENCY OR BY AN
21	ENVIRONMENTAL NONPROFIT ORGANIZATION, WHICH DATABASE REQUIRES
22	COMPLIANCE WITH EMISSION STANDARDS THAT ARE AS DEMANDING OR
23	MORE DEMANDING THAN THE EMISSION STANDARDS DESCRIBED IN THIS
24	PART 15, MANUFACTURERS OF PRODUCTS DESCRIBED IN SECTION
25	25-7-1503(1) SHALL DEMONSTRATE COMPLIANCE WITH THIS PART 15 FOR
26	EACH MODEL BY EITHER:
27	(a) AFFIYING A DEDMANENT MADE LAREL OF TAG TO THE

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1	PRODUCT AND PACKAGING AT THE TIME OF SALE OR INSTALLATION THAT
2	CONFIRMS COMPLIANCE WITH SUCH EMISSION STANDARDS OR COMPLIANCE
3	WITH EQUIVALENT EMISSION STANDARDS; OR
4	(b) SUBMITTING A CERTIFICATION TO THE EXECUTIVE DIRECTOR
5	THAT DEMONSTRATES COMPLIANCE WITH EMISSION STANDARDS REQUIRED
6	BY A STATE OR FEDERAL AGENCY, WHICH EMISSION STANDARDS ARE AS
7	DEMANDING OR MORE DEMANDING THAN THE EMISSION STANDARDS
8	DESCRIBED IN THIS PART $15$ .
9	25-7-1506. Rules - analysis. (1) NOTWITHSTANDING ANY
10	PROVISION OF THIS PART 15, THE EXECUTIVE DIRECTOR MAY PROMULGATE
11	RULES UPDATING ANY EMISSION STANDARD, DEFINITION, OR TEST METHOD
12	ESTABLISHED IN THIS PART 15 IN ORDER TO MAINTAIN OR IMPROVE
13	CONSISTENCY WITH OTHER COMPARABLE STANDARDS IN OTHER STATES SO
14	LONG AS THE UPDATED VERSION RESULTS IN AIR QUALITY THAT IS EQUAL
15	TO OR BETTER THAN AIR QUALITY ACHIEVED USING THE PRIOR STANDARD.
16	(2) The executive director may promulgate rules as
17	NECESSARY TO ENSURE THE PROPER IMPLEMENTATION AND ENFORCEMENT
18	OF THIS PART 15.
19	(3) On or before January $1$ , $2030$ , the executive director
20	SHALL CONDUCT AN ANALYSIS TO DETERMINE WHETHER STATEWIDE
21	GREENHOUSE GAS EMISSIONS FROM WATER HEATERS AND FAN-TYPE
22	CENTRAL FURNACES ARE DECLINING IN COMPARISON TO EMISSION LEVELS
23	IN $\overline{2023}$ IN A MANNER THAT COMPORTS WITH THE STATEWIDE GREENHOUSE
24	GAS REDUCTION GOALS SET FORTH IN SECTION $25-7-102$ (2)(g). UNLESS
25	THE ANALYSIS DETERMINES THAT THE EMISSIONS TRAJECTORY IS
26	CONSISTENT WITH ACHIEVING THE STATEWIDE GREENHOUSE GAS
27	REDUCTION GOALS, THE EXECUTIVE DIRECTOR SHALL PROPOSE TO THE

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1	COMMISSION RULES TO BRING THE EMISSION LEVELS IN LINE WITH THE
2	REDUCTION GOALS. THE EXECUTIVE DIRECTOR SHALL ENSURE THAT SUCH
3	RULES:
4	(a) TAKE INTO ACCOUNT ANY EMISSION STANDARDS THAT ARE IN
5	EFFECT OR UNDER DEVELOPMENT IN OTHER JURISDICTIONS OR AT THE
6	FEDERAL LEVEL FOR NEW WATER HEATERS AND FAN-TYPE CENTRAL
7	FURNACES;
8	(b) TAKE INTO ACCOUNT INPUT FROM MAJOR MANUFACTURERS OF
9	WATER HEATERS, FAN-TYPE CENTRAL FURNACES, AND OTHER RELEVANT
10	EQUIPMENT;
11	(c) Consider whether emissions standards for additional
12	TYPES OF RESIDENTIAL AND COMMERCIAL HEATING AND WATER HEATING
13	EQUIPMENT ARE APPROPRIATE AND NECESSARY TO MEET THE GREENHOUSE
14	GAS EMISSION REDUCTION TARGETS DESCRIBED IN SECTION 25-7-102
15	(2)(g);
16	(d) ARE ACHIEVABLE WITH AVAILABLE TECHNOLOGY; AND
17	(e) DO NOT PLACE AN UNDUE COST BURDEN ON CONSUMERS.
18	25-7-1507. Enforcement - verifications of compliance - civil
19	action by attorney general - penalties. (1) The executive director
20	SHALL:
21	(a) VERIFY MAJOR RETAILERS' AND DISTRIBUTORS' COMPLIANCE
22	WITH THE PROVISIONS OF THIS PART 15 THROUGH ONLINE SPOT-CHECKS.
23	COORDINATION WITH OTHER STATES THAT HAVE SIMILAR STANDARDS, OR
24	вотн;
25	(b) CONDUCT SUCH VERIFICATIONS AT LEAST ONCE BEFORE
26	JANUARY 1, 2027, AND AGAIN AT LEAST ONCE BEFORE JANUARY 1, 2032
2.7	(c) Deliver a report on the method and findings of the

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1	VERIFICATIONS TO THE ENERGY AND ENVIRONMENT COMMITTEE OF THE
2	HOUSE OF REPRESENTATIVES AND TO THE TRANSPORTATION AND ENERGY
3	COMMITTEE OF THE SENATE, OR TO ANY SUCCESSOR COMMITTEES, AND
4	POST THE REPORT TO THE DEPARTMENT OF PUBLIC HEALTH AND
5	ENVIRONMENT'S WEBSITE WITHIN ONE MONTH AFTER ITS COMPLETION;
6	AND
7	(d) Deliver any findings of violations to the attorney
8	GENERAL.
9	(2) On or before January 1, $2025$ , the executive director
10	SHALLESTABLISH A PROCESS WHEREBY INDIVIDUALS MAY ANONYMOUSLY
11	REPORT POTENTIAL VIOLATIONS OF THIS PART 15 ON THE DEPARTMENT OF
12	PUBLIC HEALTH AND ENVIRONMENT'S PUBLIC WEBSITE. THE EXECUTIVE
13	DIRECTOR SHALL INVESTIGATE ANY SUCH REPORTED POTENTIAL
14	VIOLATION AND SHALL REPORT ANY CONFIRMED VIOLATIONS TO THE
15	ATTORNEY GENERAL.
16	(3) (a) If the attorney general has probable cause to
17	BELIEVE THAT ANY PERSON OR GROUP OF PERSONS HAS VIOLATED OR
18	${\tt CAUSEDANOTHERPERSONTOVIOLATESECTION25-7-1504or25-7-1505},$
19	THE ATTORNEY GENERAL MAY BRING A CIVIL ACTION ON BEHALF OF THE
20	STATE TO SEEK THE IMPOSITION OF CIVIL PENALTIES AS SPECIFIED IN THIS
21	SUBSECTION (3). ANY PERSON WHO KNOWINGLY VIOLATES OR CAUSES
22	ANOTHER PERSON TO VIOLATE SECTION 25-7-1504 OR 25-7-1505 SHALL
23	PAY A CIVIL PENALTY OF NOT MORE THAN TWO THOUSAND DOLLARS FOR
24	EACH VIOLATION, WHICH AMOUNT SHALL BE TRANSFERRED TO THE STATE
25	TREASURER TO BE CREDITED TO THE ENERGY FUND CREATED IN SECTION
26	24-38.5-102.4.
27	(b) For purposes of subsection (3)(a) of this section:

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1	(1) EACH TRANSACTION OR ONLINE FOR-SALE PRODUCT LISTING
2	INVOLVED CONSTITUTES A SEPARATE VIOLATION; EXCEPT THAT THE
3	MAXIMUM CIVIL PENALTY PER PERSON SHALL NOT EXCEED FIVE HUNDRED
4	THOUSAND DOLLARS FOR ANY RELATED SERIES OF VIOLATIONS; AND
5	(II) A COURT SHALL NOT IMPOSE A FINE AGAINST A
6	NONMANAGERIAL EMPLOYEE OF A CONTRACTOR THAT INSTALLS, REPAIRS,
7	OR REPLACES WATER HEATERS OR FAN-TYPE CENTRAL FURNACES AND
8	COLLECTS FROM CUSTOMERS AN AMOUNT REPRESENTING BOTH PARTS AND
9	LABOR.
10	SECTION 10. In Colorado Revised Statutes, 24-38.5-102.4,
11	amend (1)(a)(I) as follows:
12	24-38.5-102.4. Energy fund - creation - use of fund -
13	definitions - report - repeal. (1) (a) (I) The energy fund is hereby
14	created in the state treasury. The principal of the fund consists of money
15	transferred to the fund from the general fund; money transferred to the
16	fund at the end of the 2006-07 state fiscal year and at the end of each
17	succeeding state fiscal year from money received by the Colorado energy
18	office; money received pursuant to the federal "American Recovery and
19	Reinvestment Act of 2009", Pub.L. 111-5, or any amendments thereto; or
20	from MONEY RECEIVED PURSUANT TO revenue contracts, court settlement
21	funds, supplemental environmental program funds, OR THE repayment or
22	return of funds from eligible public depositories; MONEY TRANSFERRED
23	TO THE FUND PURSUANT TO SECTIONS $6-7.5-110(2)(a)$ , $25-5-1406(3)(a)$ ,
24	AND 25-7-1507 (3)(a); and MONEY RECEIVED AS gifts, grants, and
25	donations; and any other money received by the Colorado energy office.
26	Interest and income earned on the deposit and investment of money in the
27	energy fund are credited to the fund. Money in the fund at the end of any

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1	state fiscal year remains in the fund and may not be credited to the state
2	general fund or any other fund. Money in the fund may not be transferred
3	to the innovative energy fund created in section 24-38.5-102.5.
4	SECTION 11. In Colorado Revised Statutes, 38-35.7-109,
5	amend (1)(c) as follows:
6	38-35.7-109. Electric vehicle charging and heating systems -
7	options - definitions. (1) (c) A person that builds a new residence for
8	which a buyer is under contract shall offer the buyer pricing, energy
9	efficiency, and utility bill information for each natural gas, electric, or
10	other option available from and information pertaining to those options
11	from the federal Energy Star program, as defined in section 6-7.5-102
12	(15) (24), or similar information about energy efficiency and utilization
13	reasonably available to the person building the residence.
14	SECTION 12. In Colorado Revised Statutes, 40-3.2-109, amend
15	(2)(b)(V) as follows:
16	40-3.2-109. Beneficial electrification plans for electric utilities
17	- definition - rules - recovery of costs - report. (2) (b) On or before
18	July 1, 2022, and thereafter as directed by the commission, but no less
19	frequently than every three years, an investor-owned electric utility shall
20	file with the commission an application for a beneficial electrification
21	plan for regulated activities to support beneficial electrification.
22	Beneficial electrification plans may be combined with other demand-side
23	management strategic issues or transportation electrification plans, as
24	applicable, but a beneficial electrification plan must, at a minimum:
25	(V) Include incentives to facilitate beneficial electrification, with
26	programs targeted toward new and existing building markets. Products
2.7	eligible for incentives must be certified under the federal Energy Star

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program, as defined in section 6-7.5-102 (15) (24), or a successor program if that certification is available, in product categories for which such certification exists.

SECTION 13. Severability. If any provision of this act or the application of this act to any person or circumstance is held invalid, such

application of this act to any person or circumstance is held invalid, such invalidity does not affect other provisions or applications of the act that can be given effect without the invalid provision or application, and to this end the provisions of this act are declared to be severable.

**SECTION 14. Appropriation.** (1) For the 2023-24 state fiscal year, \$49,730 is appropriated to the department of public health and environment. This appropriation is from the general fund. To implement this act, the department may use this appropriation as follows:

- (a) \$5,848 for use by the division of environmental health and sustainability for administration and support, which amount is based on an assumption that the division will require an additional 0.1 FTE; and
  - (b) \$43,882 for the purchase of legal services.
- (2) For the 2023-24 state fiscal year, \$43,882 is appropriated to the department of law. This appropriation is from reappropriated funds received from the department of public health and environment under subsection (1)(b) of this section and is based on an assumption that the department of law will require an additional 0.2 FTE. To implement this act, the department of law may use this appropriation to provide legal services for the department of public health and environment.

**SECTION 15.** Act subject to petition - effective date. This act takes effect at 12:01 a.m. on the day following the expiration of the ninety-day period after final adjournment of the general assembly; except that, if a referendum petition is filed pursuant to section 1 (3) of article V

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- of the state constitution against this act or an item, section, or part of this
- 2 act within such period, then the act, item, section, or part will not take
- 3 effect unless approved by the people at the general election to be held in
- 4 November 2024 and, in such case, will take effect on the date of the
- official declaration of the vote thereon by the governor.

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