

HB0420S01 compared with HB0420

{Omitted text} shows text that was in HB0420 but was omitted in HB0420S01

inserted text shows text that was not in HB0420 but was inserted into HB0420S01

DISCLAIMER: This document is provided to assist you in your comparison of the two bills. Sometimes this automated comparison will NOT be completely accurate. Therefore, you need to read the actual bills. This automatically generated document could contain inaccuracies caused by: limitations of the compare program; bad input data; or other causes.

1 **Halogen Emissions Amendments**
2025 GENERAL SESSION
STATE OF UTAH
Chief Sponsor: Andrew Stoddard
Senate Sponsor:

2

3 **LONG TITLE**

4 **General Description:**

5 This bill addresses major sources of halogen emissions.

6 **Highlighted Provisions:**

7 This bill:

8 ▶ defines terms;

9 ▶ requires {a} the Division of Air Quality (division) to complete a best available control technology emissions reduction plan for major halogen {source to adopt control technologies} sources;

10 ▶ ~~{requires a major halogen source to modify an operating permit and air quality permit to meet certain requirements;}~~

12 ▶ requires the {Division of Air Quality} division to submit an annual report on halogen emissions to the Natural Resources, Agriculture, and Environmental Interim Committee; and

14 ▶ makes technical and conforming changes.

14 **Money Appropriated in this Bill:**

15 None

16 **Other Special Clauses:**

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17 None

19 AMENDS:

20 **19-2a-107**, as enacted by Laws of Utah 2023, Chapter 143, as enacted by Laws of Utah 2023,
Chapter 143

21

22 *Be it enacted by the Legislature of the state of Utah:*

23 Section 1. Section **19-2a-107** is amended to read:

24 **19-2a-107. Point source pollution of halogens -- Control technology plan required {-- Permit
modifications} -- Annual report.**

27 (1) As used in this section:

28 [(a) "Applicable geographic area" means the following counties:]

29 [(i) ~~Box Elder County;~~]

30 [(ii) ~~Davis County;~~]

31 [(iii) ~~Salt Lake County;~~]

32 [(iv) ~~Tooele County;~~]

33 [(v) ~~Utah County;~~ and]

34 [(vi) ~~Weber County.~~]

35 ~~{(a) "Chlorine bypass scrubber" means a scrubber that uses ferrous chloride to remove chlorine gas.}~~

37 ~~{(b) "Chlorine reduction burner" means a system that uses a natural gas flame and a scrubber to convert
chlorine gas into hydrochloric acid gas for removal from a gas stream.}~~

40 [(b)] ~~{(e)}~~ (a) "Division" means the Division of Air Quality created in Section 19-1-105.

41 ~~{(d)}~~ (b) "Major halogen source" means a facility, building, structure, or installation that has the
potential to emit 3,000 tons or more of a halogen per year from the smelting, mining, or extracting
of magnesium.

44 ~~{(e)}~~ (2)

(a) {"Scrubber" means a device that removes a pollutant from a gas stream by spraying a liquid into
the gas stream to dissolve or react with the pollutant} The division shall complete a best available
control technology emissions reduction plan to reduce halogen emissions for all major halogen
sources.

46 ~~{(2)}~~ }

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(b) The division shall require a major halogen source to implement a plan described in Subsection (2)(a) with an implementation date determined by the division.

The division may create a plan described in Subsection (2)(a) based on the division's status report for halogen reductions and standards recommendations submitted to the Natural Resources, Agriculture, and Environment Interim Committee in October 2024.

46 (3) The division may modify the plan described in Subsection (2) to include a more cost-effective control technology if the cost-effective control technology achieves the same or better reduction in halogen emissions as the best available control technology.

49 (4)

(a) The division shall submit a halogen emissions report to the Natural Resources, Agriculture, and Environment Interim Committee on or before October 31 of each year.

52 (b) The report described in Subsection (4)(a) shall include:

53 (i) the status of halogen emissions in this state;

54 (ii) the effectiveness of the controls described in Subsection (2); and

55 (iii) recommendations, if any, from the division for legislative action to address halogen emissions.

57 [(2) By no later than December 31, 2024, the division shall complete:]

47 [(a) an air emissions inventory of point sources in the applicable geographic area that emit halogens;]

49 [(b) a best available control technology emissions reduction plan to reduce the compounds of halogens in the applicable geographic area, with an implementation date of December 31, 2026; and]

52 [(c) recommendations for a state standard limiting halogen emissions.]

53 [(3) Upon completion, the division shall publish the air emissions inventory, the best available control technology emissions reduction plan, and the recommendations on standards required under Subsection (2) on the division's public website.]

56 {(2) By no later than December 31, 2026, a major halogen source shall submit to the division a notice of intent to modify an existing air permit to: }

58 {(a) maintain a connection between a chlorine reduction burner and a chlorine bypass scrubber; and }

60 {(b) operate a chlorine bypass scrubber or chlorine reduction burner at maximum potential. }

62 {(3)}

{(a) The division shall modify an operating permit under Section 19-2-109.1 for a major halogen source to: }

64 {(i) remove a maintenance limit; and }

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- 65 ~~{(ii) establish ongoing annual emissions testing for halogen emissions, including emissions related~~
 ~~to bromine, chlorine, and fluorine.}~~
- 67 ~~{(b) The division shall modify an operating permit described in Subsection (3)(a) only after all~~
 ~~underlying requirements have been modified as required under Title V of the federal Clean Air Act,~~
 ~~including: }~~
- 70 ~~{(i) an underlying air permit issued by the division under the New Source Review program described in~~
 ~~42 U.S.C. Sees. 7471 to 7514a; and }~~
- 72 ~~{(ii) a modification of the Maximum Achievable Control Technology standards described in 42 U.S.C.~~
 ~~Sec. 7412(g).}~~
- 74 ~~{(4)}~~
- ~~{(a) The division shall submit a halogen emissions report to the Natural Resources, Agriculture, and~~
 ~~Environment Interim Committee on or before October 31 of each year.}~~
- 77 ~~{(b) The report described in Subsection (4)(a) shall include: }~~
- 78 ~~{(i) the status of halogen emissions in this state; }~~
- 79 ~~{(ii) the effectiveness of the controls described in Subsection (2); and }~~
- 80 ~~{(iii) recommendations, if any, from the division for legislative action to address halogen emissions.}~~
- 82 [(4) The division shall report to the Natural Resources, Agriculture, and Environment Interim
 Committee regarding the status of the air emissions inventory, the best available control technology
 emissions reduction plan, and the recommendations for a standard:]
- 85 [(a) on or before the 2023 November interim committee meeting of the Natural Resources, Agriculture,
 and Environment Interim Committee; and]
- 87 [(b) on or before the 2024 November interim committee meeting of the Natural Resources, Agriculture,
 and Environment Interim Committee.]

74 Section 2. **Effective date.**

This bill takes effect on May 7, 2025.

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