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# A BILL FOR AN ACT

RELATING TO VOLCANIC EMISSIONS.

**BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:**

1           SECTION 1. In response to the recent increase in emissions  
2 from Kilauea's newest vent at Halema'uma'u crater, a House  
3 Special Committee on Vog Effects (Committee) was created to  
4 bring together experts to examine the effects of vog on the  
5 people of the State of Hawaii. The Committee held a series of  
6 fact-finding meetings focusing on health and public safety,  
7 agriculture, and economic impacts and tourism.

8           One matter considered by the Committee was the safety of  
9 workers who, due to their work-related duties or environments,  
10 may be exposed to dangerous levels of vog or sulfur dioxide.  
11 The establishment of work safety standards specifically tailored  
12 for vog events would greatly benefit the health and safety of  
13 these workers.

14           The purpose of this Act is to require the department of  
15 labor and industrial relations, in consultation with the  
16 national institute for occupational safety and health,  
17 occupational safety and health administration, american  
18 conference of governmental industry hygienists, department of



1 health, and interagency task force on vog, to establish  
2 standards to promote worker safety during high incidences of vog  
3 or sulfur dioxide.

4 SECTION 2. The department of labor and industrial  
5 relations, in consultation with the national institute for  
6 occupational safety and health, occupational safety and health  
7 administration, american conference of governmental industry  
8 hygienists, department of health, and interagency task force on  
9 vog, shall adopt occupational safety and health standards  
10 pursuant to chapter 396, Hawaii Revised Statutes, to promote the  
11 safety of workers during high incidences of vog, sulfur dioxide,  
12 or both. For the purposes of this Act:

13 "High incidences" means situations where the presence of  
14 vog, sulfur dioxide, or both, reaches levels that present a  
15 danger to worker safety, as determined by the department of  
16 labor and industrial relations.

17 "Vog" means the substance created when sulfur dioxide and  
18 other volcanic gases combine and interact chemically in the  
19 atmosphere with oxygen, moisture, dust, and sunlight over  
20 periods of minutes to days developing into a visible haze  
21 consisting of gas plus a suspended mixture of tiny liquid and  
22 solid particles.



1 "Worker" means any person holding a job position with  
2 attendant work duties, assignments, locations, or work sites  
3 that place that person in potential contact with high incidences  
4 of vog, sulfur dioxide, or both.

5 SECTION 3. The department of labor and industrial  
6 relations shall submit a report of its progress in establishing  
7 the occupational safety and health standards required by this  
8 Act, including any proposed legislation, no later than twenty  
9 days prior to the convening of the regular session of 2010.

10 SECTION 4. This Act shall take effect upon its approval.



**Report Title:**

Vog; Sulfur Dioxide; Occupational Safety and Health Standards

**Description:**

Requires the Department of Labor and Industrial Relations, in consultation with the National Institute for Occupational Safety and Health, Occupational Safety and Health Administration, American Conference of Governmental Industry Hygienists, Department of Health and the Interagency Task Force on Vog, to establish standards to promote worker safety during high incidences of vog or sulfur dioxide. (HB315 HD1)

