
HOUSE RESOLUTION

REQUESTING A STUDY ON CONTROL MEASURES FOR VOLATILE ORGANIC
COMPOUND EMISSIONS FROM PAINT SPRAY BOOTHS USED BY AUTO
BODY REFINISHERS.

1 WHEREAS, approximately 11 percent of Hawaii's children have
2 asthma and a significant percentage of emergency room visits by
3 children under 17 years of age are asthma-related; and
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5 WHEREAS, chemical fumes and air pollutants are contributing
6 factors to asthma and other respiratory conditions; and
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8 WHEREAS, these conditions are exacerbated for those living
9 in areas with mixed-use zoning where commercial businesses
10 occupy space alongside residential structures; and
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12 WHEREAS, the Department of Health (DOH) is responsible for
13 regulating air pollution and compliance with the federal Clean
14 Air Act; and
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16 WHEREAS, this regulation extends to chlorofluorocarbons but
17 does not include volatile organic compounds (VOC); and
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19 WHEREAS, VOC exacerbates the accumulation of tropospheric
20 or ground-level ozone by reacting with nitrogen oxides; and
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22 WHEREAS, tropospheric ozone is the primary component of
23 smog, which has been proven to have adverse effects on overall
24 health, specifically with respect to respiratory conditions; and
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26 WHEREAS, reducing VOC emissions is particularly important
27 in urban and mixed-use areas because of the high level of
28 nitrogen oxides in these areas; and



1 WHEREAS, other states have implemented regulations to limit
2 VOC emissions, specifically with respect to businesses using
3 surface coating processes, including auto body refinishers; and
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5 WHEREAS, there are a variety of cost-effective control
6 measures that may be implemented to reduce VOC emissions
7 including requiring low VOC coating materials, equipment that
8 reduces emissions while also reducing waste, and training in
9 proper application techniques; and
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11 WHEREAS, an increased focus on control measures to regulate
12 VOC emissions will have positive outcomes not only
13 environmentally, but also on overall population health; now,
14 therefore,
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16 BE IT RESOLVED by the House of Representatives of the
17 Twenty-fifth Legislature of the State of Hawaii, Regular Session
18 of 2009, that DOH is requested to study possible control
19 measures to regulate VOC emissions resulting from paint spray
20 booths used by auto body refinishers; and
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22 BE IT FURTHER RESOLVED that DOH is requested to include the
23 following considerations when conducting its study:
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- 25 (1) All available information regarding alternatives to
26 current materials, equipment, and techniques used by
27 auto body refinishers;
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- 29 (2) Regulations regarding VOC emissions and auto body
30 refinishers adopted by other states;
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- 32 (3) The "Interim Guidance Policy" published by the United
33 States Environmental Protection Agency in September
34 2005, which set a direction for future VOC control;
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- 36 (4) Current permitting procedures for buildings that house
37 businesses related to auto body refinishing used by
38 both the Honolulu Fire Department (HFD) and Department
39 of Planning and Permitting of the City and County of
40 Honolulu (DPP); and
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- 42 (5) The feasibility of developing procedures that allow
43 DPP and HFD to reevaluate permits issued to auto body
44 refinishers based on complaints, including a



1 reevaluation and reinvestigation of all related
2 factors including ventilation and stack design;

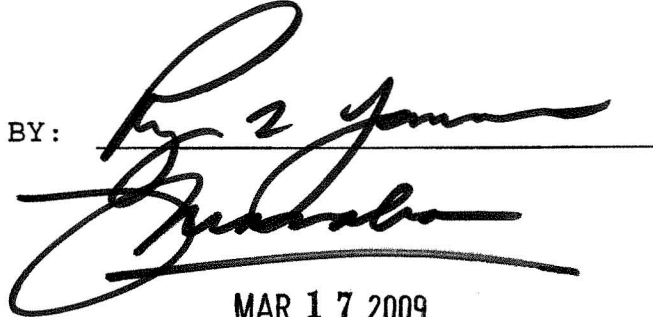
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4 and

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6 BE IT FURTHER RESOLVED that this study include a
7 consideration of the costs and benefits to the owners and
8 operators of auto body refinishing businesses; and

9
10 BE IT FURTHER RESOLVED that DOH is requested to submit a
11 report of its findings and recommendations to the Legislature no
12 later than 20 days prior to the convening of the Regular Session
13 of 2010; and

14
15 BE IT FURTHER RESOLVED that certified copies of this
16 Resolution be transmitted to the Director of Health, Deputy
17 Director of the Environmental Health Administration Division of
18 the Department of Health, Chief of the Honolulu Fire Department,
19 Director of Planning and Permitting of the City and County of
20 Honolulu, and District Director of the Small Business
21 Administration - Hawaii District.

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24 OFFERED BY:


MAR 17 2009

