



House of Representatives

General Assembly

File No. 185

February Session, 2012

House Bill No. 5383

House of Representatives, March 29, 2012

The Committee on Public Safety and Security reported through REP. DARGAN of the 115th Dist., Chairperson of the Committee on the part of the House, that the bill ought to pass.

AN ACT REQUIRING CARBON MONOXIDE AND OXYGEN SENSORS ON PORTABLE ELECTRIC GENERATORS.

Be it enacted by the Senate and House of Representatives in General Assembly convened:

1 Section 1. (NEW) (*Effective October 1, 2012*) On and after January 1,
2 2014, no person, firm or corporation shall manufacture, sell, offer for
3 sale or distribute in this state a portable electric generator unless such
4 generator is equipped with (1) a carbon monoxide sensor that
5 measures the level of carbon monoxide in the ambient air and causes
6 the generator to shut down if such level exceeds the level established
7 in Underwriters Laboratories Standard Number 2034, and (2) an
8 oxygen sensor that measures the oxygen content of the ambient air and
9 causes the generator to shut down if such air contains less than
10 nineteen and one-half per cent oxygen by volume.

This act shall take effect as follows and shall amend the following sections:

Section 1	<i>October 1, 2012</i>	New section
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PS *Joint Favorable*

The following Fiscal Impact Statement and Bill Analysis are prepared for the benefit of the members of the General Assembly, solely for purposes of information, summarization and explanation and do not represent the intent of the General Assembly or either chamber thereof for any purpose. In general, fiscal impacts are based upon a variety of informational sources, including the analyst's professional knowledge. Whenever applicable, agency data is consulted as part of the analysis, however final products do not necessarily reflect an assessment from any specific department.

OFA Fiscal Note***State Impact:*** None***Municipal Impact:*** None***Explanation***

There is no state or municipal fiscal impact associated with requiring that portable electric generators have carbon monoxide and oxygen sensors.

The Out Years***State Impact:*** None***Municipal Impact:*** None

OLR Bill Analysis**HB 5383****AN ACT REQUIRING CARBON MONOXIDE AND OXYGEN SENSORS ON PORTABLE ELECTRIC GENERATORS.****SUMMARY:**

Beginning January 1, 2014, this bill requires portable electric generators sold, offered for sale, manufactured, or distributed in Connecticut to be equipped with sensors to measure carbon monoxide (CO) and oxygen levels in the ambient air (nearby air) and cause the generator to shut down if the (1) CO level exceeds the level established in the Underwriters Laboratories (UL) Standard Number 2034 or (2) air contains less than 19.5% of oxygen by volume. (Air normally contains approximately 21% of oxygen.)

EFFECTIVE DATE: October 1, 2012

UL STANDARD 2034

CO alarms covered by this standard must sound when the CO concentration exceeds specified levels, e.g., 70 parts per million (ppm, 0.007%), for one hour or more. CO concentrations above the specified level can cause symptoms ranging from a mild headache to permanent brain damage, depending on certain factors, including the length of exposure.

COMMITTEE ACTION

Public Safety and Security Committee

Joint Favorable

Yea 14 Nay 9 (03/15/2012)