



## Beyond Compliance Environmental Advisory: Greenhouse Gas Emission Reporting Requirements

AB 32, the California Global Warming Solutions Act of 2006, requires the Air Resources Board to develop a regulation for mandatory greenhouse gas (GHG) reporting by January 1, 2008. The 200 page regulation was adopted December 6, 2007.



### **APPLICABILITY:**

Draft regulations require GHG emission reporting from several sectors:

1. Any facility emitting 25,000 tons or more per year of CO<sub>2</sub> from stationary sources such as large furnaces.

Examples: food processing, oil production, natural gas transmission, glass manufacturers, and steel foundries.

Exempt: Hospitals, backup generators, primary and secondary schools.

2. Electric retail providers
3. Cement plants
4. Petroleum refineries
5. Hydrogen production facilities
6. Electric generating facilities capable of generating 1 megawatt or more
7. Cogeneration facilities with electrical capacity of 1 megawatt or more

Facility operators are required to report the emissions annually.

Compliance costs are estimated to range from \$3,000 to \$50,000 per year.

### **KEY REGULATORY COMPONENTS:**

1. Operators must report CO<sub>2</sub>, nitrous oxides, and methane emissions annually.
2. Operators must report the production, sale, or acquisition of sulfur hexafluoride, hydrofluorocarbon, and perfluorocarbon annually.
3. Third party verification procedures.



### **TIMELINE:**

- Emissions must be tracked in 2008.
- First GHG emission reports are due in 2009:
  - April 1, 2009: Power generation and cogeneration facilities not part of other reporting entities, and industrial sources that emit over 25,000 tons of CO<sub>2</sub> per year from general stationary combustion sources.
  - June 1, 2009: All other facilities.
- In 2010, reporting will be subject to third-party verification.

**PENALTIES:** Late submission or false reporting constitute violations of this regulation.

**For more information contact  
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your regulatory needs.**



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### HOW BEYOND COMPLIANCE CAN HELP

Environmental Compliance Services: Each regulated facility must conduct annual greenhouse gas audits. Beyond Compliance can provide audit support to help your organization comply with this new set of regulations. For more information click [here](#).

Training Services: A technical review of your processes can often identify additional clarity and understanding of the basic principles behind your operations. Beyond Compliance can help you determine if your organization is subject to the new regulations and offer compliance assistance. For more information click [here](#).

