

# Annual Emissions Report

Report 11/9/06 9:24 am



## University of California, Santa Barbara

Santa Barbara, CA 93106 United States

805-893-2661 x2208

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Contact: Perrin Pellegrin

Industry Type: Education - University

NAIC Code:

SIC Code:

Description:

Legend	
<b>Blue</b>	= required
<b>Orange</b>	= optional

### CERTIFIED EMISSIONS INFORMATION

Reporting Year: 2004  
 Reporting Scope: CA  
 Reporting Protocol: General Reporting Protocol, Version 1 (October 2002)  
 Baseline Year (Direct Emissions):  
 Baseline Year (Indirect Emissions):

Direct Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
Mobile Combustion	<b>1,173.91</b>	1,173.91	0.00	0.00	0.00	0.00	0.00	metric ton
Stationary Combustion	<b>16,247.58</b>	16,247.58	0.00	0.00	0.00	0.00	0.00	metric ton
Process Emissions	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	0.00	-
Fugitive Emissions	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	0.00	-
<b>TOTAL DIRECT</b>	<b>17,421.49</b>	17,421.49	0.00	0.00	0.00	0.00	0.00	metric ton

\* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Indirect Emissions	CO2e	CO2	CH4	N2O	Unit
Energy Imports	<b>30,791.44</b>	30,791.44	0.00	0.00	metric ton
Energy Exports	<b>0.00</b>	0.00	0.00	0.00	-
<b>TOTAL INDIRECT</b>	<b>30,791.44</b>	30,791.44	0.00	0.00	metric ton

### CERTIFICATION INFORMATION

Certifier Name: Ryerson, Master and Associates, Inc.

Basis of Certification Opinion: The University of California Santa Barbara (UCSB) GHG Emission Inventory Report for 2004 was reviewed by Ryerson, Master and Associates, Inc., (RMA) and certified against the Registry's General Reporting Protocol (dated October 2002). RMA followed the procedures outlined in the Registry's Certification Protocol (dated July 2003) to complete the certification process. The certification activities were conducted during January through April 2006.

On April 6, 2006, RMA issued a Certification Report to UCSB documenting the material and immaterial misstatements in the UCSB inventory. The discrepancies identified by RMA were addressed by UCSB, and a revised inventory was submitted to RMA for certification on April 7 2006. A Certification Opinion was provided to UCSB on April 13, 2006. RMA also completed the Certification Activities Checklist and submitted this to the Registry on April 13, 2006.

Certifier Comments:

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Comments: Use the general reporting protocol and CARROT.

### OPTIONAL INFORMATION

Information in this section is voluntarily provided by the participant for public information, but is not required and thus, not certified under Registry protocols.

Optional Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
Other Indirect Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
TOTAL OPTIONAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

**Emissions Efficiency metric:**

**Emissions Management**

**Programs:**

**Emissions Reduction Projects:**

**Emissions Reduction Goals:**

### REFERENCE DOCUMENTS

Title	Author	Publish Date
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\* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column

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Report 2/5/07 8:13 am



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### CERTIFIED EMISSIONS INFORMATION

Reporting Year: 2005  
Reporting Scope: CA  
Reporting Protocol: General Reporting Protocol, Version 2.1 (June 2006)  
Baseline Year (Direct Emissions):  
Baseline Year (Indirect Emissions):

Direct Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
Mobile Combustion	1,189.83	1,189.83	0.00	0.00	0.00	0.00	0.00	metric ton
Stationary Combustion	19,317.00	19,317.00	0.00	0.00	0.00	0.00	0.00	metric ton
Process Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Fugitive Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
TOTAL DIRECT	20,506.83	20,506.83	0.00	0.00	0.00	0.00	0.00	metric ton

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Indirect Emissions	CO2e	CO2	CH4	N2O	Unit
Energy Imports	31,694.00	31,694.00	0.00	0.00	metric ton
Energy Exports	0.00	0.00	0.00	0.00	-
TOTAL INDIRECT	31,694.00	31,694.00	0.00	0.00	metric ton

### CERTIFICATION INFORMATION

Certifier Name: Ryerson, Master and Associates, Inc.

Basis of Certification Opinion: The University of California Santa Barbara (UCSB) submitted their Year 2005 Greenhouse Gas Emission Inventory Report to Ryerson, Master and Associates, Inc., (RMA) for review and certification against the Registry's General Reporting Protocol, Version 2.1. RMA followed the procedures outlined in the Registry's Certification Protocol (dated July 2003) to complete the certification process. The certification activities were conducted during October through December 2006.

On December 27, 2006, RMA issued a Certification Report to UCSB documenting the certification activities and the immaterial misstatements in the UCSB inventory. No material misstatements were identified. UCSB revised the emission inventory in CARROT, and RMA recertified the inventory. A Certification Opinion was provided to UCSB on January 3, 2007. RMA completed the Certification Activities Checklist and completed the certification in CARROT on January 3, 2007.

Certifier Comments:

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Comments:

### OPTIONAL INFORMATION

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Optional Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
Other Indirect Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
TOTAL OPTIONAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

#### Emissions Efficiency metric:

#### Emissions Management

#### Programs:

**Emissions Reduction Projects:** from 2006-2008 will reduce emissions by about 6000 metric tons/year. Every new building at UCSB must meet a LEED silver standard for new construction, and UCSB has a long-term goal of certifying every building through LEED for existing buildings. As a precursor to LEED while meeting the above goals is very bold at a quickly growing campus, UCSB has many projects underway to reduce our emissions. Energy efficiency projects being undertaken, Green Campus at UCSB will seek to meet Energy Star certification for several office buildings each year. In transportation, Fleet Services has adopted a policy to make 75% of their new auto purchases alternative fuel or high efficiency vehicles, while creating innovative ways to lower miles driven. In addition, Fleet Services has purchased offsets for 100% of their vehicles' GHG emissions through a deal with [drivinggreen.com](http://drivinggreen.com)

**Emissions Reduction Goals:** UCSB has drafted a sustainability master plan to direct campus towards a more sustainable future. UCSB seeks to meet the GHG reductions listed in the Governor's Executive Order S-3-05; namely, to reduce emissions to 2000 levels by 2010, 1990 levels from 2020 and 80% below 1990 levels by 2050.

### REFERENCE DOCUMENTS

Title	Author	Publish Date
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