



The Climate Registry

**11/24/08**  
**General Reporting Protocol 1.1**  
**Clarifications and Corrections**

The Climate Registry published its General Reporting Protocol (GRP v 1.1) in May 2008. While The Registry intends for the GRP v 1.1 to be a complete document, it recognizes that clarifications and corrections will be necessary as the voluntary GHG reporting program evolves. Therefore, The Registry created this document to track all modifications relating to GRP v 1.1. This document will be updated as new clarifications and corrections are identified.

The clarifications and corrections identified in this document will be incorporated into the next version of the GRP, which The Registry anticipates will be released in early 2010. Until the next version of the GRP is released, all Reporters/Members and Verification Bodies should refer to the clarifications and corrections listed below for the most current interpretation and explanation of GHG reporting policies, processes, and activities.

If you have any questions about the clarifications or corrections in this document, or if you wish to request further explanation or clarification of other reporting policies, please contact Peggy Foran at: [peggy@theclimateregistry.org](mailto:peggy@theclimateregistry.org) or (213) 542-0291.

GRP v 1.1	General Reporting Protocol Version 1.1	11/24/08
	The Registry has changed its nomenclature from "Reporters" to "Members" to reflect that its Members demonstrate leadership in reporting their footprint to The Registry and to highlight that its Members are participating in a GHG community. To ease this transition in terminology, all references in this document will refer to "Reporters/Members." The next version of the GRP will reference the term "Members" rather than "Reporters."	

<b>Chapter 12.4</b>	<b>Default Stationary Combustion Emission Factors for Acetylene</b>	<b>p.72</b>	<b>11/24/08</b>																						
<p>The default carbon dioxide emission factors for acetylene were not published in the GRP 1.1. The appropriate factors to use in reporting acetylene use to The Registry are listed below. These factors were derived by the California Climate Action Registry from information published in the 2004 API Compendium.</p>																									
<table border="1"> <thead> <tr> <th rowspan="3"></th> <th colspan="3">Tier B Method</th> <th colspan="2">Tier C Method</th> </tr> <tr> <th>Heat Content</th> <th>Carbon Content (Per Unit Energy)</th> <th>Fraction Oxidized</th> <th>CO<sub>2</sub> Emission Factor (Per Unit Energy)</th> <th>CO<sub>2</sub> Emission Factor (Per Unit Mass or Volume)</th> </tr> <tr> <th>MMBtu / standard cubic foot</th> <th>kg C / MMBtu</th> <th></th> <th>kg CO<sub>2</sub> / MMBtu</th> <th>kg CO<sub>2</sub> / standard cubic foot</th> </tr> </thead> <tbody> <tr> <td><b>Acetylene (C<sub>2</sub>H<sub>2</sub>)</b></td> <td>1,476</td> <td>19.48</td> <td>1</td> <td>71.42</td> <td>0.1043</td> </tr> </tbody> </table>					Tier B Method			Tier C Method		Heat Content	Carbon Content (Per Unit Energy)	Fraction Oxidized	CO <sub>2</sub> Emission Factor (Per Unit Energy)	CO <sub>2</sub> Emission Factor (Per Unit Mass or Volume)	MMBtu / standard cubic foot	kg C / MMBtu		kg CO <sub>2</sub> / MMBtu	kg CO <sub>2</sub> / standard cubic foot	<b>Acetylene (C<sub>2</sub>H<sub>2</sub>)</b>	1,476	19.48	1	71.42	0.1043
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<b>Chapter 16.1</b>	<b>HFC and PFC content of Refrigerant Blends for Reporting to CRIS</b>	<b>p. 124 &amp; 127</b>	<b>11/24/08</b>																		
<p>In order to eliminate confusion regarding the reporting of refrigerant blends that are blends of HFCs and PFCs, The Registry developed the following reporting guidance:</p> <p>To report the emissions from these blends Reporters/Members must multiply the amount of each refrigerant used by the percent composition of HFC and PFC listed below. Then Reporters/Members must enter that refrigerant into CRIS twice; once to report the HFCs present in the blend and once to report the PFCs present in the blend.</p> <p>The only refrigerants that must be reported to The Registry that are blends of HFCs and PFCs are listed in the table below.</p> <p><b>NOTE:</b> The Registry has developed an excel tool that will automatically calculate the appropriate amounts of HFC and PFC from the refrigerant blends listed below. This tool can be downloaded from:  <a href="http://www.theclimateregistry.org/reference.html">www.theclimateregistry.org/reference.html</a>.</p>																					
<table border="1"> <thead> <tr> <th colspan="3">REFRIGERNAT BLENDS (CONTAIN HFC AND PFC)</th> </tr> <tr> <th>Blend</th> <th>Constituents</th> <th>Composition (%)</th> </tr> </thead> <tbody> <tr> <td>R-405A</td> <td>HCFC-22/HFC-152a/HCFC-142b/PFC-318</td> <td>(45.0/7.0/5.5/42.5)</td> </tr> <tr> <td>R-413A</td> <td>PFC-218/HFC-134a/HC-600a</td> <td>(9.0/88.0/3.0)</td> </tr> <tr> <td>R-508A</td> <td>HFC-23/PFC-116</td> <td>(39.0/61.0)</td> </tr> <tr> <td>R-508B</td> <td>HFC-23/PFC-116</td> <td>(46.0/54.0)</td> </tr> </tbody> </table> <p>Source: 2006 IPCC Guidelines for National Greenhouse Gas Inventories, Volume 3, Table 7.8, page 7.44.</p>				REFRIGERNAT BLENDS (CONTAIN HFC AND PFC)			Blend	Constituents	Composition (%)	R-405A	HCFC-22/HFC-152a/HCFC-142b/PFC-318	(45.0/7.0/5.5/42.5)	R-413A	PFC-218/HFC-134a/HC-600a	(9.0/88.0/3.0)	R-508A	HFC-23/PFC-116	(39.0/61.0)	R-508B	HFC-23/PFC-116	(46.0/54.0)
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<b>Chapter 20.2</b>	<b>Confidential Business Information</b>	<b>p.151</b>	<b>11/24/08</b>
<p>To affirm the permanent nature of The Registry's confidentiality policy regarding confidential business information (CBI) exemptions, The Registry has provided the following clarifications:</p> <ul style="list-style-type: none"> <li>• All Reporters/Members that submit the Public Disclosure Exemption Request Form for reasons of CBI will be granted an exemption unless their form is incomplete.</li> <li>• The Registry will honor any CBI classification granted by a regulatory agency. However, the Reporter/Member must communicate such classification to The Registry on the Public Disclosure Exemption Request Form.</li> <li>• Each Reporter/Member must submit the Public Disclosure Exemption Request Form for each year of data they want to remain confidential.</li> </ul>			