The CFP Communication Program

Requirements for CFP declaration method

Revised on June 29, 2012

Document ID: C-13-02

Japan Environmental Management Association for Industry

This document prescribes requirements related to the method for making a declaration of Carbon Footprint of Products (hereinafter called "CFP") under the CFP Communication Program (hereinafter called "the CFP Program") operated and managed by JEMAI (Japan Environmental Management Association for Industry).

1. Outline and requirements of CFP declaration

CFP declaration refers to the following information to be disclosed based on CFP quantification results.

   (1) CFP mark

   (2) Value in a CFP mark

   (3) Additional information

   (4) Registration information released on the CFP website

The businesses that wish to make a CFP declaration shall pass either type of verification: "product-by-product verification" of CFP conducted by licensed reviewer of the CFP program; or "internal verification" (in the case of the businesses that passed the CFP system audit of applicable product). Then, the businesses which passed verification shall conduct a set of procedures of register and release of CFP declaration, and shall make a license agreement of CFP mark.

2. Constitution of CFP declaration, and display example of CFP mark

  (1) CFP mark

  CFP mark refers to the design shown in (1) of Chart 1. CFP mark can be used on a product, on a package, in a product brochure, on the website, or in a POP, etc.

  (2) Value in a CFP mark

  Value in a CFP mark refers to CFP quantification result which passed verification of the CFP Program. It can be displayed in the "place of values displayed" in a CFP mark, as shown in (2) of Chart 1, and the value can be used by combining with a CFP mark.

  (3) Additional Information

  Additional information includes "Catch phrase," "Access info.," "Individual info.," and "Unit of value in a CFP mark", etc.

     a) Catch phrase

       Either of catch phrases should be displayed with a CFP mark; "- Visualization of CO_2 emissions - Carbon Footprint of Products"; or in the case of the display using reduction ratio, "- Reduction of CO_2 emissions - Carbon Footprint of Products".

     b) Access Info.

       Access information includes the URL represented on the CFP website, and the registration number of the product. It shall be displayed on the website of the business that made a CFP declaration, and in a product brochure, etc.

c) Individual info.

"Individual info." refers to the verified contents which are stated in registration information as being displayed in additional information. An example of the contents to be displayed is a circle graph for ratio of emissions by life cycle stage, etc.
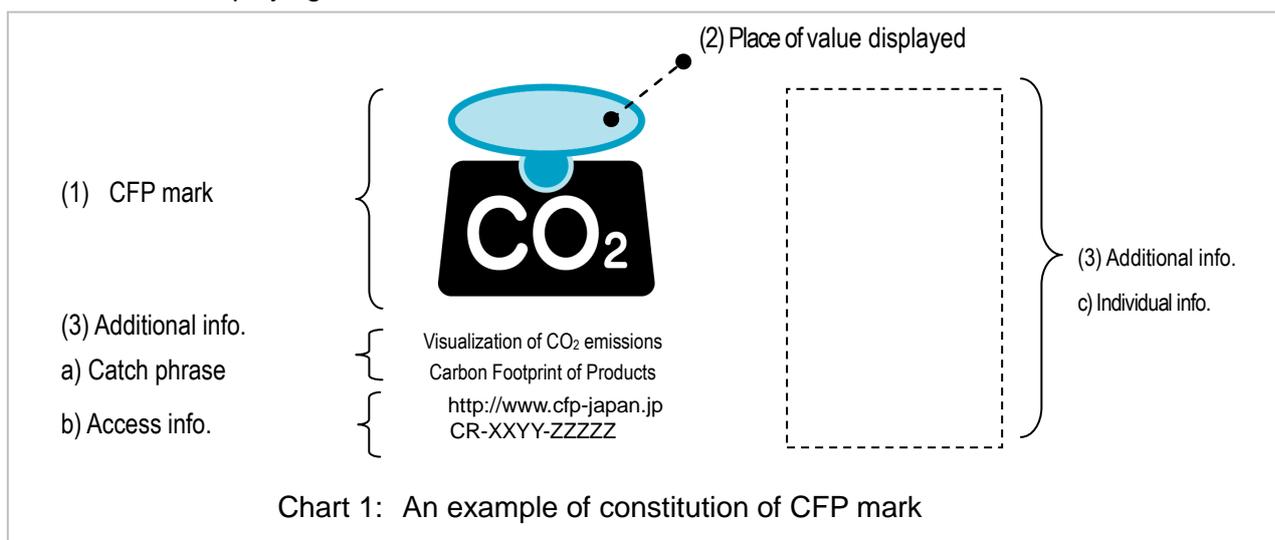
d) Unit of the value in a CFP mark

When displaying the value in a CFP mark as described in (2), the unit which the value shows shall be described (i.e., selected "unit amount value" or "function," such as sales unit, contents volume, or number of times, etc.).

(4) Registration information

Registration information is released on the CFP website by the secretariat of the CFP Communication Program, after passing a set of procedures of register and release of CFP declaration.
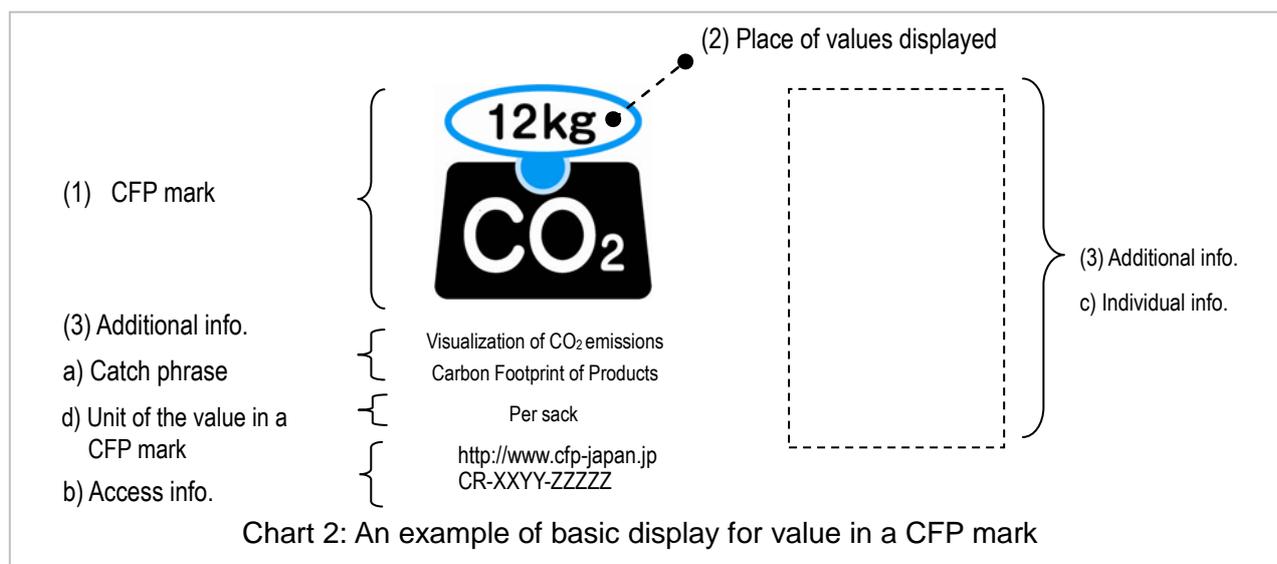
This document collectively calls "CFP mark" in the combination of (1), (2), and (3). An example of constitution for displaying CFP mark is shown in Chart 1 below.

(2) Place of value displayed

(1) CFP mark

(3) Additional info.
a) Catch phrase

Visualization of CO_2 emissions
Carbon Footprint of Products

b) Access info.

http://www.cfp-japan.jp
CR-XXYY-ZZZZZ

(3) Additional info.
c) Individual info.

Chart 1: An example of constitution of CFP mark

3. The display of value in a CFP mark

The following show the method for displaying value in a CFP mark.

3.1 Basic display for value in a CFP mark

(1) CFP mark

(2) Place of values displayed

12kg

CO$_2$

(3) Additional info.
a) Catch phrase

Visualization of CO$_2$ emissions
Carbon Footprint of Products

d) Unit of the value in a CFP mark

Per sack

b) Access info.

http://www.cfp-japan.jp
CR-XXYY-ZZZZZ

(3) Additional info.
c) Individual info.

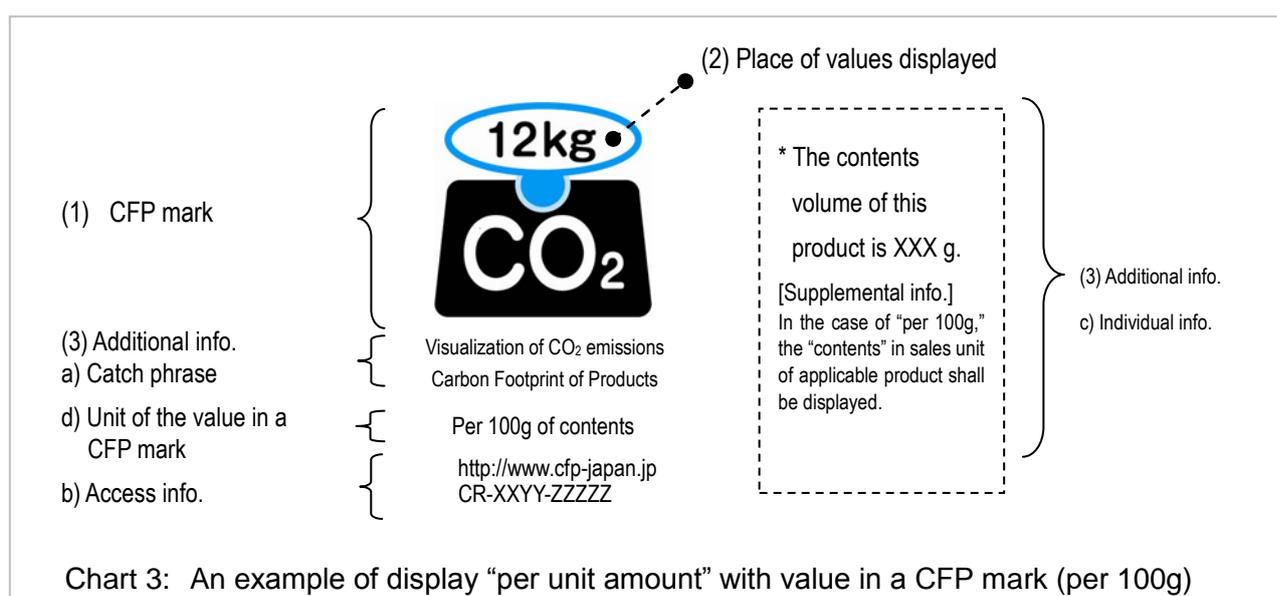Chart 2: An example of basic display for value in a CFP mark
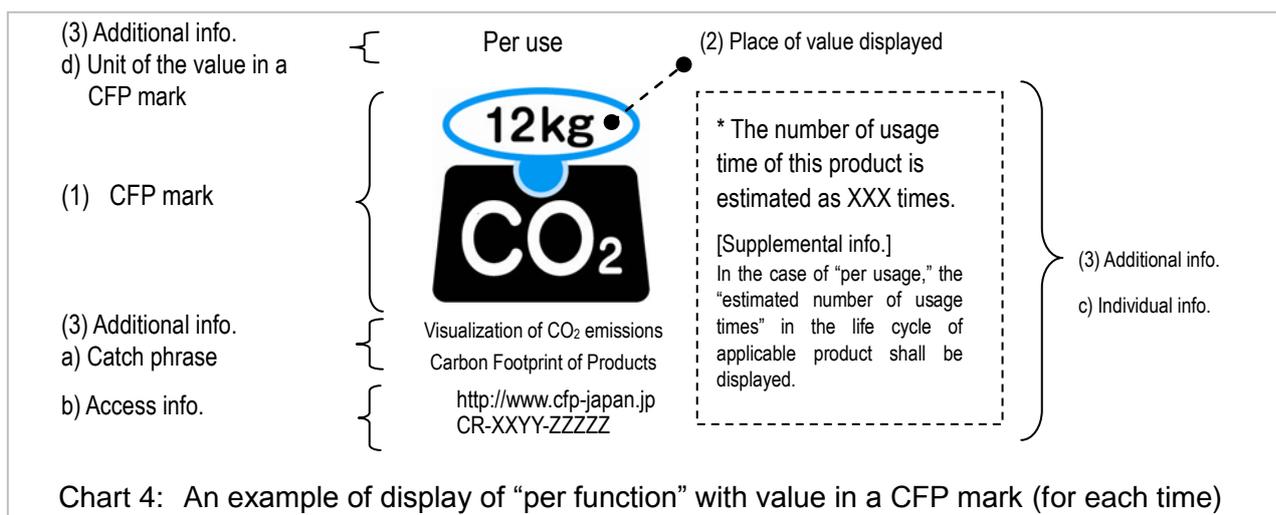
(3) Additional information

b) Access information shall be displayed, with its font size of the registration number available to be recognized.

d) For "Unit of value in a CFP mark," selected "unit amount" or "function" (e.g., "sales unit," contents volume, or number of times) shall be displayed. It shall be described with its font size available to be recognized in the upper part of the CFP mark, or between catch phrase part and access info. part under the CFP mark.

c) Of "Individual info.," for the information required to be described as additional information by approved CFP-PCR, the verified contents shall be displayed.
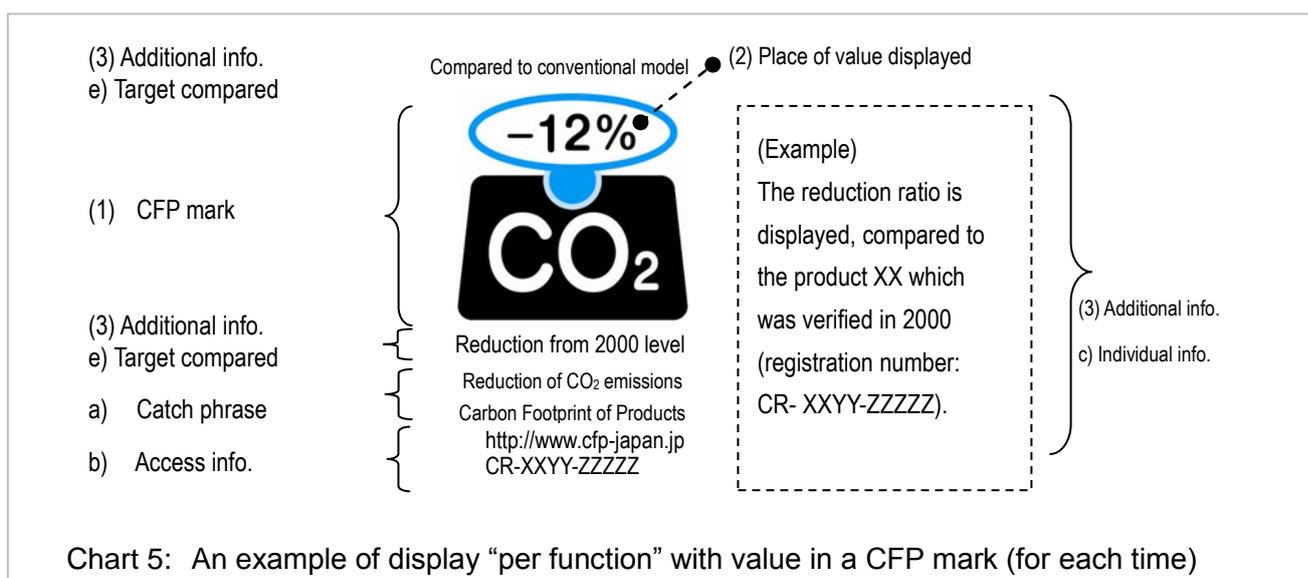
3.2 Display per unit amount and per function

(2) Place of values displayed

12kg

CO$_2$

(1) CFP mark

(3) Additional info.
a) Catch phrase

Visualization of CO$_2$ emissions
Carbon Footprint of Products

d) Unit of the value in a CFP mark

Per 100g of contents

b) Access info.

http://www.cfp-japan.jp
CR-XXYY-ZZZZZ

* The contents volume of this product is XXX g.

[Supplemental info.]
In the case of "per 100g," the "contents" in sales unit of applicable product shall be displayed.

(3) Additional info.
c) Individual info.

Chart 3: An example of display "per unit amount" with value in a CFP mark (per 100g)

(3) Additional info.
d) Unit of the value in a CFP mark

Per use

(2) Place of value displayed

12kg

* The number of usage time of this product is estimated as XXX times.

[Supplemental info.]
In the case of "per usage," the "estimated number of usage times" in the life cycle of applicable product shall be displayed.

(1) CFP mark

(3) Additional info.
c) Individual info.

(3) Additional info.
a) Catch phrase

Visualization of CO₂ emissions
Carbon Footprint of Products

b) Access info.

http://www.cfp-japan.jp
CR-XXYY-ZZZZZ

Chart 4: An example of display of "per function" with value in a CFP mark (for each time)

(3) Additional information

d) For "Unit of value in a CFP mark," selected "unit amount" or "function" shall be displayed (e.g., contents volume or number of times). It shall be described with its font size available to be recognized in the upper part of the CFP mark, or between catch phrase part and access info. part under the CFP mark.

c) When displaying "Individual info." for the case of "per unit amount," the information for quantifying CO_2 emissions in the sales unit of applicable product (e.g., contents volume of the product itself) should be displayed. When contents volume of product is already clearly described in the product itself, the display of such information may be omitted. However, it does not apply to the case where it could violate laws and regulations.

In the case of displaying "per function," the information which identifies function of applicable product shall be displayed (e.g., estimated number of product usage times).
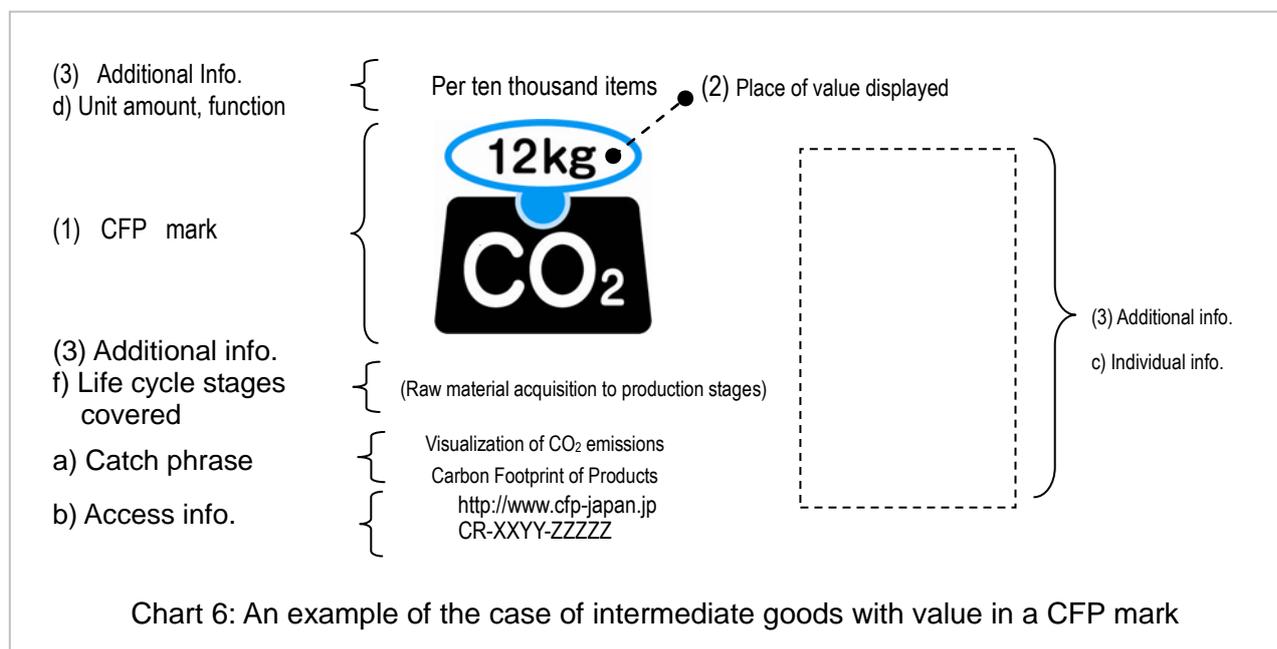
3.3 Reduction ratio

(3) Additional info.
e) Target compared

Compared to conventional model

(2) Place of value displayed

−12%

(Example)
The reduction ratio is displayed, compared to the product XX which was verified in 2000 (registration number: CR- XXYY-ZZZZZ).

(1) CFP mark

(3) Additional info.
c) Individual info.

(3) Additional info.
e) Target compared

Reduction from 2000 level

a) Catch phrase

Reduction of CO₂ emissions
Carbon Footprint of Products

b) Access info.

http://www.cfp-japan.jp
CR-XXYY-ZZZZZ

Chart 5: An example of display "per function" with value in a CFP mark (for each time)

(2) For a value in a CFP mark, the ratio of CO_2e reduction shall be displayed.

(3) Additional information

e) For the compared target product, the following information shall be described: "Compared to conventional model"; the verified year (the Western Calendar) of the target product compared for its reduction ratio; and in the case of comparing products which were produced in the same year, the differences of those production method (e.g., compared to production method XX, etc.).

c) As "Individual info.," the information which can specify the compared target product (e.g., product model) shall be described in additional information as much as possible.
(The information which can specify the compared target product shall be described in registration information.)

3.4　Intermediate goods

(3)　Additional Info.
d) Unit amount, function

Per ten thousand items　(2) Place of value displayed

12kg

(2) Place of value displayed

(1)　CFP　mark

CO₂

(3) Additional info.
c) Individual info.

(3) Additional info.
f) Life cycle stages covered

(Raw material acquisition to production stages)

a) Catch phrase

Visualization of CO₂ emissions
Carbon Footprint of Products

b) Access info.

http://www.cfp-japan.jp
CR-XXYY-ZZZZZ

Chart 6: An example of the case of intermediate goods with value in a CFP mark

"f) Life cycle stages covered" of "(3) additional information" shall be described.
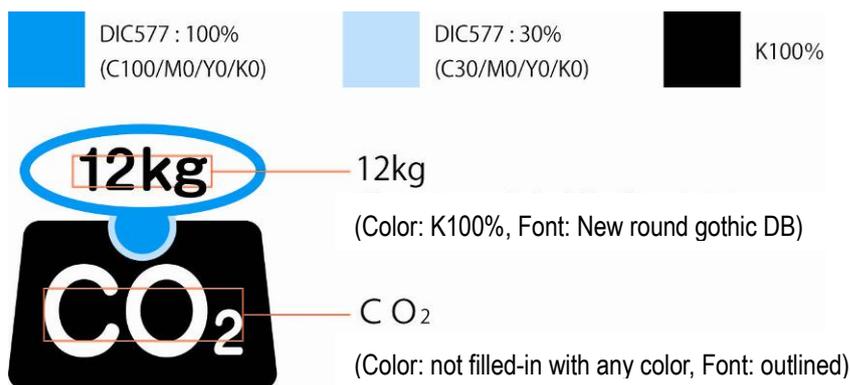
4. Size and color of the CFP mark
4.1 Size of the CFP mark
　- The minimum size of the CFP mark for display shall be set as 7mm wide.

4.2 Color of the CFP mark
　(1)　The following color shall be used as the standard color for the CFP mark.
　(2)　When displaying no value in a scale of the CFP mark, filling in the scale with single color.

| DIC577 : 100%
(C100/M0/Y0/K0) | DIC577 : 30%
(C30/M0/Y0/K0) | K100% |

12kg — 12kg
(Color: K100%, Font: New round gothic DB)

CO_2 — C O_2
(Color: not filled-in with any color, Font: outlined)

Note) There is no font of "new round gothic DB style" in your PC, "HG round gothic M-PRO style" or "MSP gothic style" should be used.

(3) When a single color is used, either of the four colors specified in Annex 2 shall be used. However, it does not apply to the case where the display with the each four color specified in Annex 2 cannot be conducted due to limitations of printing.
In the case of using a single color, the CFP mark may be displayed with the reversed color's design. In this case, the way of display shall follow Annex 2.

Supplementary provisions

For the product being accepted of license agreement for the CFP mark under the CFP pilot project, "verification ID" shall be displayed in "registration number". Moreover, the information at the time of acceptance of the license agreement may be displayed.

This document shall come to effect as from July 2, 2012.
Date of release: May 1, 2012 (C-13-01)
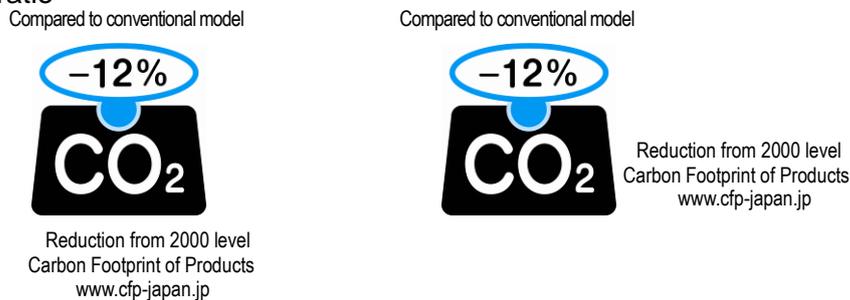Date of revision: June 29, 2012 (C-13-02)

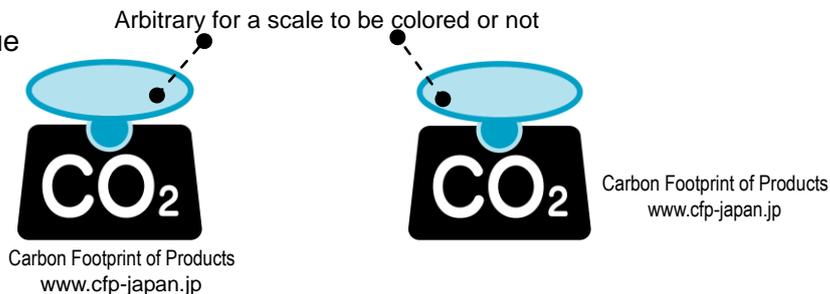**< Example of way of method for smaller than 10mm >**

(1) Absolute value

< 7 to 10 mm

< 7 to 10mm

12kg
CO_2

Carbon Footprint of Products
Per sack

www.cfp-japan.jp

12kg
CO_2

Carbon Footprint of Products
Per sack
www.cfp-japan.jp

(2) "Per unit amount" and "per function"

12kg
CO_2

Carbon Footprint of Products
Per 100g of contents
www.cfp-japan.jp

12kg
CO_2

Carbon Footprint of Products
Per 100g of contents
www.cfp-japan.jp

(3) Reduction ratio

Compared to conventional model

Compared to conventional model

−12%
CO_2

Reduction from 2000 level
Carbon Footprint of Products
www.cfp-japan.jp

−12%
CO_2

Reduction from 2000 level
Carbon Footprint of Products
www.cfp-japan.jp

(4) Without value

Arbitrary for a scale to be colored or not

CO_2

Carbon Footprint of Products
www.cfp-japan.jp

CO_2

Carbon Footprint of Products
www.cfp-japan.jp

7

Examples of display for a single color (4 colors)

Monochrome color: K100%

K60%

K30%

Basic type (absolute)

Without value

Reversed (absolute)

Reversed (without value)

Visualization of CO₂ emissions
Carbon Footprint of Products
Per sack
http://www.cfp-japan.jp
CR-XXYY-ZZZ

Blue: DIC2585 (C85/M20/Y5/K0)

DIC2585 : 60%
(C51/M12/Y3/K0)

DIC2585 : 30%
(C25.5/M6/Y1.5/K0)

DIC

CMYK

Basic type (absolute)

Without value

Reversed (absolute)

Reversed (without value)

Visualization of CO₂ emissions
Carbon Footprint of Products
Per sack
http://www.cfp-japan.jp
CR-XXYY-ZZZ

Green: DIC2554 (C80/M14/Y100/K0)

DIC2554 : 60%
(C48/M8.4/Y60/K0)

DIC2554 : 30%
(C24/M4.2/Y30/K0)

DIC

CMYK

Basic type (absolute)

Without value

Reversed (absolute)

Reversed (without value)

Visualization of CO₂ emissions
Carbon Footprint of Products
Per sack
http://www.cfp-japan.jp
CR-XXYY-ZZZ

Brown: DIC347 (C78/M80/Y100/K10)

DIC347 : 60%
(C46.8/M48/Y60/K6)

DIC347 : 30%
(C23.4/M24/Y30/K3)

DIC

CMYK

Basic type (absolute)

Without value

Reversed (absolute)

Reversed (without value)

Visualization of CO₂ emissions
Carbon Footprint of Products
Per sack
http://www.cfp-japan.jp
CR-XXYY-ZZZ