



## VERIFICATION STATEMENT OF ENVIRONMENTAL PRODUCT DECLARATIONS

Statement No. 00003-2010-EPD-TWN

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**Yieh Phui Enterprise Co., Ltd.**

*initiate reporting of*

### **Environmental Product Declarations Report of One Kilogram (1 kg) of Hot-Dip Metallic Coated Steel Coils / Prepainted Hot-Dip Metallic Coated Steel Coils (2009)**

#### **Scope of Verification**

*Det Norske Veritas Certification (hereafter "DNV") has been commissioned by Yieh Phui Enterprise Co., Ltd. (hereafter "the Company") to perform a verification of the Company's Environmental Product Declarations Report (hereafter "the Report") with respect to the following product: one kilogram (1 kg) of Hot-Dip Metallic Coated Steel Coils / Prepainted Hot-Dip Metallic Coated Steel Coils, the data from Yieh Phui Enterprise Co., Ltd. : No. 369 & No. 297-1, Yuliao Road, Qiaotou District, Kaohsiung City 82544, Taiwan (R.O.C.) & No.6, Gongye 6<sup>th</sup> Road, Pingtung City 90049, Taiwan (R.O.C.), and the time period is from Jan. 1, 2009 through Dec. 31, 2009.*

#### **Boundary of Verification**

Business to Consumer  Business to Business

#### **Verification Criteria**

*The verification was performed on the basis of ISO 14040, 14044, 14025 as well as the PCR 2010:1.0 for Hot-Dip Metallic Coated Steel Coils/Prepainted Hot-Dip Metallic Coated Steel Coils given to provide for consistent LCA-based data collection, calculation, and reporting.*

#### **Verification Statement**

*It is DNV's opinion that the Report of the Environmental Product Declarations of one kilogram (1 kg) of Hot-Dip Metallic Coated Steel Coils / Prepainted Hot-Dip Metallic Coated Steel Coils (2009), which was published on Dec. 29, 2010 (Rev. 1.0), is in compliance with the principles of ISO 14040, 14044, 14025 and the PCR 2010:1.0 for Hot-Dip Metallic Coated Steel Coils/Prepainted Hot-Dip Metallic Coated Steel Coils.*

Sophia Kim  
GHG Verifier  
December 30, 2010

David Hsieh  
District Manager  
DNV Certification Taiwan

This Verification Opinion is based on the information made available to us and the engagement conditions detailed above. Hence, DNV can not guarantee the accuracy or correctness of the information. DNV can not be held liable by any party relying or acting upon this Verification Opinion.



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### Process and Methodology

*The reviews of the Report and the subsequent follow-up interviews have provided DNV with sufficient evidence to determine the fulfilment of stated criteria. The Report correctly complies with the principles of ISO 14040, 14044, 14025 and the PCR 2010:1.0 for Hot-Dip Metallic Coated Steel Coils/Prepainted Hot-Dip Metallic Coated Steel Coils.*

### Quantification of Product Life Cycle Impacts

*The Report covering the period Jan. 1, 2009 to Dec. 31, 2009, and the data from Yieh Phui Enterprise Co., Ltd. : No. 369 & No. 297-1, Yuliao Road, Qiaotou District, Kaohsiung City 82544, Taiwan (R.O.C.) & No.6, Gongye 6<sup>th</sup> Road, Pingtung City 90049, Taiwan (R.O.C.). It is DNV's opinion that the Report methodology in quantification of product life cycle impacts that are reasonable, transparent and derived from representative data.*

### Product constituents

*One kilogram (1 kg) of Hot-Dip Metallic Coated Steel Coils is consisted of the following main constituents: Carbon Steel Substrate, Metallic Coating Layer, Surface Treatment Film and Packaging Material.*

*One kilogram (1 kg) of Prepainted Hot-Dip Metallic Coated Steel Coils is consisted of the following main constituents: Carbon Steel Substrate, Metallic Coating Layer, Surface Pre-treatment Film, Paint Coating and Packaging Material.*

### Functional Unit

*One kilogram (1 kg) of Hot-Dip Metallic Coated Steel Coils/Prepainted Hot-Dip Metallic Coated Steel Coils*