



Validation and Verification
VB004

Certificate

Certificat

溫室氣體排放量查驗聲明

聲明書編號 TEGHG22194-00

事業聯絡資訊

公司名稱：易昇鋼鐵股份有限公司官田廠
聯絡電話：06-5790933
通訊地址：臺南市官田區南廂里南廂 119-5 號 A、B、C、D、E、
F、G、H 棟

查驗機構聯絡資訊

公司名稱：艾法諾國際股份有限公司
聯絡電話：03-2200066
通訊地址：桃園市桃園區中平路 102 號 20 樓

查驗結果摘要

茲證明本案根據 ISO14064-3:2006 及行政院環境保護署現行規定執行查驗，查驗結果發現未違反實質性限制，符合行政院環境保護署認可之合理保證等級。

查驗準則：ISO/CNS 14064-1:2006、溫室氣體查驗指引(99.12)、溫室氣體排放量盤查登錄管理辦法(105.1.5)、溫室氣體排放量盤查登錄作業指引(105.06)、環保署相關規定

查驗範圍：涵蓋易昇鋼鐵股份有限公司官田廠設於臺南市官田區南廂里南廂 119-5 號 A、B、C、D、E、F、G、H 棟，共計 1 處設施。

涵蓋期間：自 110 年 1 月 1 日~110 年 12 月 31 日

查驗數據：採 IPCC 2007 年第四次評估報告(SAR)公告之 GWP 值彙總排放量，總計 57,768.258 公噸二氧化碳當量，包含
一直接溫室氣體排放(範疇一)排放量：33,822.3775 公噸二氧化碳當量
一能源間接溫室氣體排放(範疇二)排放量：23,945.8802 公噸二氧化碳當量

查驗意見：依據查證人員所執行之查驗過程與程序，有充分證據顯示受查驗組織之溫室氣體主張不具實質差異，且係根據協議之查驗準則規範的溫室氣體量化、監測與報告的國際標準予以準備，並公正地呈現溫室氣體數據及相關資訊。

查驗依據：依據受查驗組織提供之盤查報告書(第 2 版 / 日期：111 年 8 月 1 日)及盤查清冊(第 2 版 / 日期：111 年 8 月 1 日)。

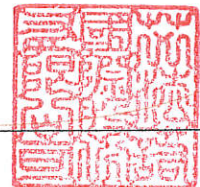
保留限制：無

電力係數：電力係數引用 111 年 7 月 22 日能源局公告之 110 年度電力係數。

外售電力排放係數：無

外售蒸汽排放係數：無

查驗機構簽章：



查驗作業實施日期：中華民國 111 年 7 月 25 日，

中華民國 111 年 8 月 1 日

查驗聲明核發日期：中華民國 111 年 8 月 8 日

查驗總結報告-版次 / 日期：第 2 版 / 111 年 08 月 08 日

本案主導查驗員：

林奇璋

保密性聲明

此報告及附件可能包含屬於受查驗組織之機密資訊，除作為行政院環境保護署相關額度認可申請之證明文件外，未經受查驗組織書面同意，其他個人、團體或公司禁止自行複製或發行。

利益衝突迴避聲明

(1) 茲保證此報告及附件內容完全依照行政院環境保護署及有關機關相關規範，秉持公正、誠實之原則進行查驗作業。絕無虛偽不實，如有違反，就政府機關所受損失願負連帶賠償責任之外，並接受主管機關依法令所為之行政處分及刑事處罰。

(2) 吾人瞭解如自身受政府機關委任從事公務，亦屬於刑法上之公務員，並瞭解刑法上圖利罪、公務員登載不實偽造公文書及貪污治罪條例之相關規定，如有違反，亦為刑法及貪污治罪條例之適用對象，願受最嚴厲之法律制裁。

(3) 保證本公司與受查驗組織並無財務投資之關係，且符合主管機關對利益衝突迴避之要求。如有違反前述事實情事，經主管機關查證屬實時，此報告及附件內容願接受主管機關判定為無效之處分。

此證

負責人簽章：_____ 職稱：_____ 董事長 _____ 中華民國 111 年 8 月 8 日

查證人員簽章：(所有參與查驗案件之查證人員) _____



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Greenhouse Gas Emission Verification Statement

TEGHG22194-00

Contact information of company

Company name : E-Sheng Steel Co., Ltd.-Quintain Plant.

Tel : 06-5790933

Mail address: Building A.B.C.D.E.F.G.H, No. 119-5, Nanbu,
Guantian Dist., Tainan City, Taiwan, R.O.C.

Contact information of verification body

Company name : AFNOR ASIA, LTD.

Tel : 03-2200066

Mail Address : 20F., No.102, Zhongping Rd.,
Taoyuan Dist., Taoyuan City 330, Taiwan, R.O.C.

Summary of results of verification

This is to certify this case is in accordance with ISO14064-3:2006 and current Taiwan EPA regulations, and results of verification show no violation of substantive restrictions and are in accordance with the reasonable level of assurance approved by Taiwan EPA.

Verification Criteria : ISO/CNS 14064-1 : 2006, Guidelines for GHG Inspection by Taiwan EPA(2010.12), Management of GHG Emissions Inventory and Registry(2016.01.05), Guidelines of GHG Emissions Inventory and Registry(2016.06), related rules of National GHG Registry Platform.

Verification Scope : The plant of E-Sheng Steel Co., Ltd.-Quintain Plant. which located in the Building A.B.C.D.E.F.G.H, No. 119-5, Nanbu, Guantian Dist., Tainan City, Taiwan, R.O.C.

Covering Period : 2021/01/01-2021/12/31

Verification Data : Based on GWP Collecting Emissions announced in the Four Assessment Report of IPCC in 2007, total 57,768.258 tons of CO₂ equivalent, including
- Direct GHG emissions(Scope 1) : 33,822.3775 tons of CO₂ equivalent
- Energy indirect GHG emissions(Scope 2) : 23,945.8802 tons of CO₂e

Opinion of Verification : According to the verification process and procedure performed by the verifier, there is sufficient evidence shown that GHG claim of Company is no substantive difference and prepared based on international standards of GHG quantification, monitoring and report of verification criteria in the agreement, and GHG data and related information are presented impartially.

Greenhouse gas report (version : 2 / date : 01-AUG-2022) Greenhouse gas inventory (version : 2 / date : 01-AUG-2022)

Limiting Factor: None(Reserved matters are listed by verification body, but verification data presented in this statement is still valid)

Power Factor : Citation from 2021's annual power factor announced by Bureau of Energy in July 22, 2022.

Date of Verification : 25-JUL-2022, 01-AUG-2022

Signature of verification body _____

Date of Issuance : 08-AUG-2022

Lead Verifier : Chi-Chang, Lin



Verification Report (version : 2 / date : 08-AUG-2022)

Confidentiality Statement

This report and annex may include confidential information of Company. Except as the supporting documents of application for Taiwan EPA related allowance approval, other individuals, groups, and companies are prohibited to copy or distribute by themselves without Company written agreement.

Statement of Conflict of Interest Avoidance

- (1) This is to certify this report and annex is fully in accordance with related regulations by Taiwan EPA and relevant authorities, and verification process is conducted impartially and honestly. No unreal information exists, but if it appears, besides willing to bear joint and several liabilities for the losses of the government bodies, we accept administrative sanctions and criminal penalties judged on the basis of the law by the competent authority.
- (2) I realize I am a public official by the criminal law if the government bodies appoint me to perform public affairs, and I understand if I violate related regulations of mercenary crime in the criminal law, public official's published falseness and forgery of public documents, and Anti-Corruption Act, I am also applicable to the criminal law and Anti-Corruption Act and willing to accept the most severe legal sanctions.
- (3) This is to certify our company has not any financial and investment relationship with the verified body, and is in accordance with requirements of conflict of interest avoidance required by the competent authority. If there is violation of foregoing facts, and it is verified by the competent authority, we accept the punishment by the competent authority to invalidate this report and annex.

This as evidence

Signature of Owner : _____ Position : President Date : 08-AUG-2022

Signature of verifiers(all involved in this verification) : Chi Han Auang