

溫室氣體排放量 查證聲明書

聲明書編號：
00095-2020-AP-TWN-TAF

地點和日期：
台北, 中華民國 109 年 7 月 22 日

頁數：
2 之 1 頁

事業連絡資訊

奇美實業股份有限公司 (管制編號 R1002065/D28A0616/R10A3047/R03A0608)

通訊地址：台南市仁德區文賢里三甲子 59-1 號
聯絡電話：06-266 3000

查證結果摘要

茲證明本案符合行政院環境保護署現行規定，查證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。

查證準則

溫室氣體減量及管理法、溫室氣體排放量盤查登錄管理辦法等法令規章，行政院環境保護署發布之國家溫室氣體登錄平台之相關最新規定，CNS 14064-1 溫室氣體-第1部：組織層級溫室氣體排放與移除之量化及報告附指引之規範。

查證範圍

涵蓋奇美實業股份有限公司擁有與經營之2家化學材料、化學製品、塑膠製品製造業、1家電子零組件與其他化學製品製造業及1家倉儲業，共計4處設施。

名稱	地址	管制編號
奇美實業股份有限公司	台南市仁德區文賢里三甲子 59-1 號 A 棟、59-4 號	R1002065
奇美實業股份有限公司	台南市南區鯤鯓里新港路 375 號	D28A0616
奇美實業股份有限公司旭美廠	台南市仁德區保安里開發四路 36 號	R10A3047
奇美實業股份有限公司樹谷廠	台南市新市區王甲路 18 號	R03A0608

盤查期間

自中華民國108年1月1日至108年12月31日

本案主導查驗員：
黃建宜



查證作業實施日期：
中華民國 109 年 6 月 29 日至 7 月 15 日



查驗機構簽章：
立思威國際驗證股份有限公司



謝振璋
總經理
查證聲明書核發日期：
中華民國 109 年 7 月 22 日



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

查詢機構：立思威國際驗證股份有限公司，新北市板橋區文化路二段 293 號 29 樓，Tel.: +886-2-82537800，www.dnvgl.com.tw



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查證數據

採IPCC 2007年第四次評估報告(AR4)公告之GWP值彙總排放量

公噸二氧化碳當量	管制編號	直接溫室氣體排放 (範疇一)	能源間接溫室氣體排 放(範疇二)	總計
奇美實業股份有限公司	R1002065	157,006.9086	283,348.2779	440,355.187
奇美實業股份有限公司	D28A0616	232.8983	1,184.7484	1,417.647
奇美實業股份有限公司旭美廠	R10A3047	171,865.4606	32,072.0992	203,937.560
奇美實業股份有限公司樹谷廠	R03A0608	1,835.3242	7,573.7164	9,409.041
合計		330,940.5917	324,178.8419	655,119.435

(外購電力之溫室氣體排放量, 依經濟部能源局109年6月30日公告108年度電力排碳係數0.509公斤CO2e/度計算)

查證意見

依據查證者所執行之查證過程與程序, 有充分證據顯示奇美實業股份有限公司之溫室氣體主張不具實質差異, 且係根據協議之查證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。

保留限制

無

保密性聲明

此報告及附件可能包含屬於奇美實業股份有限公司之機密資訊, 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, 未經奇美實業股份有限公司書面同意, 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

(一)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之相關規範, 秉持公正、誠實之原則進行查證作業。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。
(二)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。
(三)保證本公司與受查證單位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: 謝振瑋



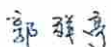
職稱: 總經理

中華民國109年7月22日

查驗人員簽章: 黃建宜



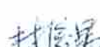
、郭祥亭



、謝振瑋



、林俊男




VERIFICATION STATEMENT OF GREENHOUSE GAS ASSERTIONS

Statement No.:
00096-2020-AG-TWN-TAF

Issued date:
22 July, 2020

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This is to verify the reporting of Greenhouse Gas Inventory Management Report (2019) of

CHI MEI CORPORATION

Scope of Verification

DNV GL Business Assurance (DNV GL) has been commissioned by CHI MEI CORPORATION to perform a verification of the greenhouse gas assertion of Greenhouse Gas Inventory Management Report (2019) (hereafter the "Inventory Report") with respect to the sites listed in next page.

Verification Criteria and GHG Programme

The verification was performed on the basis of ISO 14064-1:2006 and CNS 14064-1:2006 as well as criteria given to provide for consistent GHG emission identification, calculation, monitoring and reporting. The verification was conducted in accordance with ISO 14066:2011, ISO 14065:2013 and ISO 14064-3:2006.

Verification Statement

It is DNV GL's opinion that with reasonable assurance the greenhouse gas assertion of the Inventory Report, which was published in June 29, 2020, is free from material discrepancies in accordance with the verification criteria identified as stated above.

Chien Yi Jerry Huang
GHG Verifier



Place and date:
Taipei, June 29 ~ July 15, 2020



For the issuing office:
DNV GL Business Assurance Co., Ltd.
29Fl., No. 293, Sec. 2, Wenhua Rd.,
Banqiao District, New Taipei City 220,
Taiwan



Management Representative



Supplement to Statement**Process and Methodology**

The reviews of the Inventory Report and the subsequent follow-up interviews have provided DNV GL with sufficient evidence to determine the fulfilment of stated criteria.

Quantification of Greenhouse Gas Emission

The Inventory Report covering the period 1st January to 31st December, 2019, during the verification process, all the Scope 1 and Scope 2 emissions and removals identified in the Inventory Report within the Organizational Boundary has been verified in accordance with the verification criteria, it is DNV GL's opinion that the Inventory Report results in quantification of GHG emissions that are real, transparent and measurable.

Organizational Boundary of Verification

Financial Management Control Operational Management Control Equity Share

GHGs Verified

CO₂ CH₄ N₂O HFCs PFCs SF₆ NF₃

Site	Address	Total Direct Emissions (Tonnes CO ₂ -e)	Total Energy Indirect Emissions (Tonnes CO ₂ -e)	Total GHG Emissions (Tonnes CO ₂ -e)
1	NO. 59-4 & NO. 59-1 A Building, Sanjiazi, Rende Dist., Tainan City, Taiwan, R.O.C.	157,006.9086	283,348.2779	440,355.187
2	No. 375, Xingang Rd., South Dist., Tainan City, Taiwan, R.O.C.	232.8983	1,184.7484	1,417.647
3	No. 36, Kaifa 4th Rd., Rende Dist., Tainan City, Taiwan, R.O.C.	171,865.4606	32,072.0992	203,937.560
4	No. 18, Wangjia Rd., Xinshi Dist., Tainan City, Taiwan, R.O.C.	1,835.3242	7,573.7164	9,409.041
Total		330,940.5917	324,178.8419	655,119.435

The Indirect Emissions was calculated based on 2019 electricity emission factor of 0.509 kg CO₂-e/kwh, which was announced by Bureau of Energy, Ministry of Economic Affairs. The Global Warming Potential (GWP) defined in IPCC AR4 (2007) has been chosen and correctly referred by the Organization.

Verification Opinion

Verified without Qualification
 Unable to Verify

