

# Opinion Statement

## Greenhouse Gas Emissions Verification Opinion Statement

This is to verify that: Ho Sheng Mining Co., Ltd.  
10F.  
No. 113, Sec. 2, Zhongshan N. Rd.  
Zhongshan Dist.  
Taipei City  
104414  
Taiwan

合盛礦業股份有限公司  
臺灣  
台北市  
中山區  
中山北路2段113號  
10樓  
104414

Holds Statement No: GHGEV 811724

### Verification opinion statement

As a result of carrying out verification and validation procedures in accordance with ISO 14064-3:2019, it is the statement for mixed engagement including reasonable assurance for verification activity as well as validation and agreed-upon procedures (AUP) contains the following:

- The Greenhouse Gas Emissions with Ho Sheng Mining Co., Ltd. for the period from 2023-01-01 to 2023-12-31 was verified and validated.
- The verified organization-level greenhouse gas emissions include direct greenhouse gas emissions 3,975.117 tonnes of CO<sub>2</sub> equivalent and indirect greenhouse gas emissions from imported energy 296.913 tonnes of CO<sub>2</sub> equivalent.
- Ho Sheng Mining Co., Ltd. has defined and explained its own process and pre-determined criteria for significance of indirect Greenhouse Gas Emissions and quantify and report these identified significant emissions accordingly.

For and on behalf of BSI:



Managing Director BSI Taiwan, Peter Pu

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The Greenhouse Gas Emissions Verification activities are based on reasonable level of assurance:

- The data and information of greenhouse gas emissions are based on historical in nature, and no material misstatements for the period from 2023-01-01 to 2023-12-31 Greenhouse Gas Emissions calculation were revealed.
- Data quality was considered acceptable in meeting the principles as set out in ISO 14064-1:2018.
- The emission factor for electricity of year 2023 is 0.494 kgCO<sub>2e</sub> per kWh.

EMISSIONS		Notes	tonnes CO <sub>2e</sub>
Category 1: Direct GHG emissions and removals			3,975.117
1.1	Stationary combustion		0.0000
1.2	Mobile combustion		3,857.6948
1.3	Industrial processes (anthropogenic systems)		35.3553
1.4	Fugitive (anthropogenic systems)		82.0671
1.5	Land use, land use change and forestry		0.0000
Direct emissions in tonnes of CO <sub>2e</sub> from biomass			0.0000
Category 2: Indirect GHG emissions from imported energy			296.913
2.1	Indirect emissions from imported electricity	location-based approach	296.9133
2.2	Indirect emissions from imported energy (steam, heating, cooling and compressed air)		0.0000

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Agreed upon procedures (AUP)

- AUP are specific types of verification activities, BSI have performed the evidence-gathering procedures for the period from 2023-01-01 to 2023-12-31
- BSI do not express any assurance on the GHG emissions, removals and storage in listed below.

EMISSIONS		Notes	AUP Item(s)	tonnes CO <sub>2</sub> e
Category 3: Indirect GHG emissions from transportation				4.523
3.1	Emissions from upstream transport and distribution for goods	Use the Distance-based method	Explosives inbound Weight: 259,855.0000 kg Explosives inbound road transport: 2,139.1093 tkm Explosives used Weight: 272,124.6000 kg Explosives used road transport: 2,367.4840 tkm	4.5231

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Location	Verification Information
<p>Ho Sheng Mining Co., Ltd. 10F. No. 113, Sec. 2, Zhongshan N. Rd. Zhongshan Dist. Taipei City 104414 Taiwan 合盛礦業股份有限公司 臺灣 台北市 中山區 中山北路 2 段 113 號 10 樓 104414 涵蓋合盛礦業股份有限公司 國內 2 個分公司與 2 個礦區</p>	<p>The Greenhouse Gas Emissions with Ho Sheng Mining Co., Ltd. for the period from 2023-01-01 to 2023-12-31 was verified, including direct greenhouse gas emissions 3,975.117 tonnes of CO<sub>2</sub> equivalent and indirect greenhouse gas emissions from imported energy 296.913 tonnes of CO<sub>2</sub> equivalent.</p> <p>The 2 domestic branches and 2 mining area of Ho Sheng Mining Co., Ltd. are included</p>



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ISO 14064-1:2018

Precision Machinery Research & Development Center

# Verification Opinion Statement of Greenhouse Gas

Certificate Number GHGV23010004

## **E-ONE MOLI ENERGY CORP. Tainan plant**

No. 10, Dali 2<sup>nd</sup> Rd., Shanhua Dist., Tainan City 74144, Taiwan

The center has completed verification in accordance with ISO 14064-3:2019

and complies with the following standard requirements

**ISO 14064-1:2018 / CNS 14064-1:2021**

GHG Emissions Inventory Report of 2023

Direct GHG Emissions 4,964.6181 tonnes of CO<sub>2</sub>e

Indirect GHG Emissions 56,848.8413 tonnes of CO<sub>2</sub>e

Total GHG Emissions 61,813.4594 tonnes of CO<sub>2</sub>e

Signed for

Executive Vice President, Kevin Lee

Issued Date: 10<sup>th</sup> April 2024

Edition: 1<sup>st</sup> edition

Precision Machinery Research and Development Center  
No.27, 37th Road, Taichung Industrial Park, Taichung, Taiwan

TEL:886-4-23599009

FAX:886-4-23598847



PMC has verified the Greenhouse Gas Statement of E-ONE MOLI ENERGY CORP. Tainan plant, covering the greenhouse gas emissions, removals and storage from 1<sup>st</sup> January, 2023 to 31<sup>st</sup> December, 2023, including the following:

		Unit: tonnes of CO <sub>2</sub> e
Category		GHG Emissions
Direct GHG Emissions		4,964.6181
Indirect GHG Emissions	Imported energy	23,878.5426
	Transportation	2,618.1660
	Products used by an organization	30,352.1327
	Associated with the use of products from the organization	NS
	Other sources	N/A

\*NS: Non-significant. N/A: Not available.

Verification Criteria: ISO 14064-1:2018 / CNS 14064-1:2021 / ISO 14064-3:2019  
 Verification Scope: Covers E-ONE MOLI ENERGY CORP. Tainan plant located at No. 10, Dali 2<sup>nd</sup> Rd., Shanhua Dist., Tainan City 74144, Taiwan (R.O.C.)  
 Verification Data: The GWP defined in IPCC AR6 (2021) has been chosen and correctly referred by the organization.  
 Level of Assurance: Reasonable Level of Assurance (Category 1 and Category 2) / Limited Level of Assurance (Category 3 to Category 6)  
 Verification Opinions: PMC performs verification of greenhouse gas in accordance with ISO 14064-3:2019, and has sufficient evidence to show that there is no material misstatement in the Greenhouse Gas Statement of E-ONE MOLI ENERGY CORP. Tainan plant, and fairly presents greenhouse gas data and related information.

**【Confidentiality Statement】**

This report and attachments may contain confidential information belonging to E-ONE MOLI ENERGY CORP. Tainan plant, Other individuals, groups or companies are prohibited from copying or distributing it without the written consent of E-ONE MOLI ENERGY CORP. Tainan plant,

**【Conflict of Interest Avoidance Statement】**

- (1) This report and the attachments are fully in accordance with ISO standard methods and procedures and other relevant regulations, and the verification work is conducted in accordance with the principles of fairness and honesty. There is absolutely no hypocrisy. If there is any violation, the organization will accept administrative sanctions and criminal penalties imposed by the country in accordance with the laws.
- (2) The personnel of this organization understand that they are appointed by government agencies to perform official duties and are also civil servants under criminal law, and understand the relevant provisions of the criminal law on the crime of profiteering and the crime of public servants publishing falsehoods and forgery. Any violation will also be subjected to the criminal law and the corruption crime ordinance, and are willing to be subjected to the most severe legal sanctions.
- (3) Ensure that this organization has no financial investment relationship with the unit subject to verification, and that it meets the requirements of the competent authority to avoid conflicts of interest. If any violation of the above-mentioned facts is verified to be true, this report and the contents of the attachments are willing to be determined as invalid by the competent authority.



Certificate No.: GHGV23010004



ISO 14064-1:2018

Precision Machinery Research & Development Center

# 溫室氣體查證意見書

證號 GHGV23010004

能元科技股份有限公司南科廠

74144 南部科學園區臺南市善化區大利二路 10 號

經本中心依據 ISO 14064-3 : 2019 完成查證並符合下列標準要求

ISO 14064-1 : 2018 / CNS 14041-1 : 2021

2023 年溫室氣體排放資訊

直接溫室氣體排放量 4,964.6181 公噸二氧化碳當量

間接溫室氣體排放量 56,848.8413 公噸二氧化碳當量

總溫室氣體排放量 61,813.4594 公噸二氧化碳當量

簽署人 

日期：2024 年 04 月 10 日

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財團法人精密機械研究發展中心

台中市西屯區工業 37 路 27 號.

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PMC 已查證能元科技股份有限公司南科廠之溫室氣體聲明，期間為 2023 年 1 月 1 日至 2023 年 12 月 31 日之溫室氣體排放量、移除量與儲存，其中包括以下：

單位：公噸二氧化碳當量

類別		溫室氣體排放量
直接溫室氣體排放		4,964.6181
間接	來自輸入能源之間接溫室氣體排放	23,878.5426
	來自運輸之間接溫室氣體排放	2,618.1660
	來自組織使用的產品之間接溫室氣體排放	30,352.1327
	來自使用組織的產之所衍生的間接溫室氣體排放	NS
	來自其他來源之間接溫室氣體排放	N/A

\*NS：不顯著。 N/A：不可用。

查證準則： ISO 14064-1：2018／CNS 14064-1：2021／ISO 14064-3：2019

查證範圍： 涵蓋能元科技股份有限公司南科廠設於南部科學園區臺南市善化區大興二路 10 號

查證數據： 採 IPCC 2021 年第六次評估報告公告之 GWP 值彙總排放量

保證等級： 合理保證等級(類別一及類別二)/有限保證等級(類別三至類別六)

查證意見： PMC 根據 ISO 14064-3：2019 溫室氣體聲明之查證規範與指引執行查證，並有充分證據顯示溫室氣體聲明不具實質差異，並公正地呈現溫室氣體數據及相關資訊。

#### 【保密性聲明】

此報告及附件可能包含能元科技股份有限公司南科廠之機密資訊，未經書面同意，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)此報告及附內容完全依照 ISO 之標準方法與程序等相關規定，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，本機構接受本國依法令所為之行政處分及刑事處罰。
- (二)本機構人員瞭解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)保證本機構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。



證號 GHGV23010004

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