Independent Greenhouse Gas (GHG) Verification Statement

Emirates Global Aluminium (EGA) PJSC – Al Taweelah Alumina Refinery

Emirates Global Aluminium PJSC, PO BOX 109111, Abu Dhabi, UAE ("EGA" or "Company") commissioned DNV AS – Abu Dhabi Branch. ("DNV", "us" or "we") to conduct a limited level of verification of its Greenhouse Gas ('GHG') emission data (scopes 1 2, and 3) for the period 1st January 2024 to 31st December 2024 (Year 2024).

Our Conclusion: Based on our verification procedures and agreed-upon scope of work, nothing has come to our attention to suggest that the GHG emissions in the table below are not materially correct or a fair representation of the Scope 1, Scope 2, and Scope 3 GHG emissions of EGA's GHG Inventory calculated in line with the GHG Protocol, Aluminium Sector Greenhouse Gas Protocol and IAI Scope 3 Calculation Tool Guidance covering operations for the year 2024.

GHG Emission Sources	GHG emissions (tCO_2e)	GHG emission intensity (tCO_2e/t Alumina)[1]
Scope 1	416,135	0.164
Scope 2 (Location-based)[2]	-	-
Scope 2 (Market-based)[3]	651,474	0.257
Scope 3[4]	610,304	0.241
Total (Location-based)	1,026,439	0.405
Total (Market-based)	1,677,913	0.662

Scope of Work and Boundary

The scope of work as agreed with the Company includes verification of its GHG Inventory as follows:

- **Direct GHG emissions (Scope 1):** Covering the stationary combustion in Al Taweelah on account of calcination through the combustion of Natural Gas, and mobile combustion from owned vehicles and equipment, and fugitive emissions from refrigerant consumption.
- **Indirect GHG emissions (Scope 2):** The Al Taweelah Refinery does not consume electricity directly from the grid, as its electricity supply is exclusively sourced from Al Taweelah power plants. Therefore, the Scope 2 emissions for the refinery are calculated based on the equivalent emissions from Al Taweelah power plants corresponding to the electricity and steam consumed by the refinery.
- **Indirect GHG emissions (Scope 3):** Covering the GHG emissions on account of Purchased Goods and Services (Category 1), Fuel and energy-related activities (Category 3), Upstream transportation and distribution (Category 4), Downstream transportation and distribution (Category 9), and Processing of Sold Products (Category 10)

Verification was carried out at the EGA's facility in Abu Dhabi (Al Taweelah Alumina Refinery) as part of the process of reviewing the Company's internal protocols, processes, and controls related to the collection and collation of its GHG emissions assertions. EGA consolidates its Scope 1 and 2 emissions using the GHG Protocol's operational control approach, accounting for all operations where it has control.

Our competence, and Independence

DNV applies its own management standards and compliance policies for quality control, which are based on the principles enclosed within ISO/IEC 17029:2019- Conformity Assessment – General principles and requirements for validation and verification bodies and accordingly maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards, and applicable legal and regulatory requirements. DNV has complied with the Code of Conduct during the verification engagement and maintains independence where required by relevant ethical requirements as detailed in DNV VeriSustain™, version 6.0.

This engagement work was carried out by an independent team of sustainability and GHG assurance professionals. DNV was not involved in the preparation of any statements or data except for this Assurance Statement. DNV maintains complete impartiality toward EGA's internal stakeholders interviewed during the assurance process. DNV did not provide any services to company or its subsidiaries in the scope of verification for the year 2024 that could compromise the independence or impartiality of our work.

Basis of our conclusion

DNV planned and performed the verification assessment to obtain the necessary evidence to provide a limited level of assurance, adopting a risk-based approach in selecting samples to assess the robustness of the

[1] *The product GHG emission intensity is calculated based on verified data of Alumina Production.*
[2] *There is no electricity import from grid; therefore, location- based scope 2 emissions are zero.*
[3] *The electricity and steam imported from AT power plants are reported as market-based scope 2 emissions for ATA site.*
[4] *Bauxite purchased from external suppliers is included in Scope 3 Category 1 emissions; bauxite produced within EGA's boundary is excluded.*

underlying data management system, information flow, controls, quality verification, and check procedures. DNV carried out the following activities:

- **Desk review** of the Scopes 1, 2, and 3 emissions for the period from 1st January 2024 to 31st December 2024.
- **Understanding the GHG management procedures**, including formats, assumptions, emission factors, and calculation methodologies, as well as the Company's GHG data management processes used to generate, aggregate, and report the GHG data, assessing completeness, accuracy, and reliability.
- **Site verifications** with data owners and management teams across EGA's facility to review procedures for measuring, validating, and verifying the identified activities and emission sources, and related evidence maintained by the management teams.
- **Interactions with key managers and data owners** to review data consolidation systems related to the GHG inventory, including reviews of emission factors and assumptions used in the calculation methodology.
- **Evaluation of GHG emissions data** using the reliability principle in conjunction with EGA's methodologies (which are based on GHG Protocol, IAI Guidelines for process and scope 3 emissions) on data analysis, aggregation, measurement, and reporting.
- **Verification of the calibration status** of equipment being used to monitor and generate activity data on a sample basis.

Inherent Limitations

DNV's assurance engagements assume that the data and information provided by EGA to us as part of our review have been provided in good faith, is true, complete, sufficient, and authentic, and is free from material misstatements. The engagement excludes the sustainability management, performance, and reporting practices of the Company's suppliers, contractors, and any third parties mentioned in the Report. We did not review financial disclosures and data as they are not within the Scope of our assurance engagement. No external stakeholders were interviewed as part of this verification engagement.

During the verification process, DNV did not come across any significant limitations to the Scope of the agreed engagement.

Some data inaccuracies identified during the verification process were found to be attributable to transcription, interpretation, and aggregation errors and the errors have been corrected.

Reporting Criteria and Verification Standards

EGA has prepared its GHG data in reference to the requirements of the below.

- ✓ GHG Protocol: A Corporate Accounting and Reporting Standard, 2015,
- ✓ The Aluminium Sector Greenhouse Gas Protocol, October 2006 and
- ✓ IAI Scope 3 Calculation Tool Guidance 2022,

DNV has carried out this customized engagement in accordance with the verification principles and requirements as per ISO 14064-3:2019 and relevant sections of DNV VeriSustain™, version 6.0. This verification provides a limited level of assurance on EGA's GHG performance data based on the principles of Relevance, Completeness, Consistency, Transparency, and Accuracy applying a ±5% materiality threshold for errors and omissions.

Responsibility of the Company

The Company is responsible for the collection, analysis, aggregation, and presentation of data and information related to its GHG assertions adopting the 'Operational Control Approach' model as a performance data consolidation approach defined in frameworks and standards mentioned above in reporting criteria.

DNV's Responsibility

Our responsibility for performing this work in accordance with the scope of work agreed with the Company. The verification engagement assumes that the data and information provided to us are complete, sufficient, and true. DNV disclaims any liability or co-responsibility for any decision a person or entity would make based on this verification statement. The verification was carried out from February 2025 to April 2025 by a team of qualified GHG assessors.

DNV AS – Abu Dhabi Branch	
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Vikas Bankar - Lead Verifier	Sandeep Lele - Technical Reviewer
Gourav Panwar – Verifier	

Purpose and Restriction on Distribution and Use

This verification statement, including our conclusion has been prepared solely for the exclusive use and benefit of management of the company and solely for the purpose for which it is provided. To the fullest extent permitted by law, DNV does not assume responsibility to anyone other than company for DNV's work or this verification statement. The use of this verification statement shall be governed by the terms and conditions of the contract between DNV and the company. DNV does not accept any liability if this verification statement is used for any purpose other than its intended purpose, nor does it accept liability to any third party with respect to this verification statement.