



## Assurance Statement

The GHG Inventory for the calendar year 2019 prepared by:

**Corporación Aceros Arequipa S.A.**

Located at Carretera Panamericana Sur N° 241, Paracas, Pisco, Ica, Perú

has been verified by Lloyd's Register Central and South America Ltd.

Sucursal del Perú in accordance with:

ISO 14064-3:2006<sup>1</sup>

as conforming to the requirements of:

ISO 14064-1:2006<sup>2</sup>

The assurance has been formed on the basis of a limited level of assurance  
and at a materiality of the professional judgment of the Verifier.

Scope of GHG emissions	Tonnes CO <sub>2</sub> e
Direct GHG emissions (Scope 1)	129 720
Energy indirect GHG emissions (Scope 2, Location-based) *	110 748
Energy indirect GHG emissions (Scope 2, Market-based) *	110 748
Total GHG emissions considered in GHG Inventory 2019 (Scope 1 + Scope 2)	240 468

\* Scope 2, Location-based and Scope 2, Market-based are defined in the GHG Protocol Scope 2 Guidance, 2015

Date: January 20, 2021

Antonio Moreno  
LR Lead Verifier

On behalf of  
Lloyd's Register, represented in Perú by:  
Lloyd's Register Central and South America Limited  
Av. Santa Cruz 888, Int. 401, Miraflores, Lima, Perú  
LR reference number: CLO00000073

This summary is not valid without the full Assurance Statement attached on pages 2 to 3 to which it applies.



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<sup>1</sup> ISO 14064:2006 Greenhouse gases — Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions

<sup>2</sup> ISO 14064:2006 Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals

**Assurance Statement**  
related to  
GHG Inventory 2019  
**Prepared for Corporación Aceros Arequipa S.A.**

**Terms of Engagement**

This Assurance Statement has been prepared for Corporación Aceros Arequipa S.A. (hereafter referred to as "CAASA")

Lloyd's Register (LR) was commissioned by CAASA to assure its greenhouse gas (GHG) Emissions Inventory for the calendar year 2019 (hereafter referred to as "the Inventory").

The Inventory relates to direct GHG emissions and energy indirect GHG emissions, and includes data on emissions from the following facilities: Steel Complex (Pisco), Distribution Center of Arequipa, Callao, Trujillo and Lima (Trapiche), Storage yards of Callao (Oquendo) and Lima (Cajamarquilla), and Administrative Offices of Lima (Magdalena).

**Management Responsibility**

Head of Environment of CAASA was responsible for preparing the Inventory and for maintaining effective internal controls over the data and information disclosed. LR's responsibility was to carry out an assurance engagement on the Inventory in accordance with our contract with CAASA.

Ultimately, the Inventory has been approved by, and remains the responsibility of CAASA.

**LR's Approach**

Our verification has been conducted in accordance with ISO 14064–3:2006, '*Specification with guidance for validation and verification of greenhouse gas assertions*' to provide limited assurance that GHG data as presented in the Inventory have been prepared in conformance with ISO 14064–1:2006, '*Specification with guidance at the organizational level for quantification and reporting of greenhouse gas emissions and removals*'.

To form our conclusions the assurance engagement was undertaken as a sampling exercise and covered the following activities:

- conducted remote interviews and remote review, for data verification of CAASA facilities, and review of processes related to data control and records of direct GHG emissions and energy indirect GHG emissions;
- interviews to key staff of the organization responsible for managing GHG emissions data and records; and
- verified GHG emissions data and records at an aggregated level for the calendar year 2019.

**Level of Assurance & Materiality**

The opinion expressed in this Assurance Statement has been formed on the basis of a limited level of assurance and at a materiality of the professional judgment of the Verifier.



### **LR's Opinion**

Based on LR's approach nothing has come to our attention that would cause us to believe that the total direct GHG emissions and energy indirect GHG emissions disclosed in the Inventory are not materially correct, and that the Inventory has not been prepared in conformance with ISO 14064-1:2006.

### **LR's Recommendations**

In order to improve future GHG emission inventories, CAASA should consider the following improvement approaches:

- Establish directed actions to reduce GHG emissions.
- Include verification of other indirect GHG emissions.
- Review the calculation methods in order to reduce the uncertainty of the emission factors used for the calculation of GHG emissions in the lime production process.

*Dated: January 20, 2021*

A handwritten signature in black ink, appearing to read "AM" or a similar initials.

Antonio Moreno  
LR Lead Verifier

On behalf of  
Lloyd's Register, represented in Perú by:  
Lloyd's Register Central and South America Limited  
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Due to inherent limitations in any internal control, it is possible that fraud, error, or non-compliance with laws and regulations may occur and not be detected. Further, the verification was not designed to detect all weakness or errors in internal controls so far as they relate to the requirements set out above as the verification has not been performed continuously throughout the period and the verification carried out on the relevant internal controls were on a test basis. Any projection of the evaluation of control to future periods is subject to the risk that the processes may become inadequate because of changes in conditions, or that the degree of compliance with them may deteriorate.

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