

## Attachment B Verification Statement

### 1. Introduction

Worthington Industries (Worthington) retained GHD Limited (GHD) to conduct a verification of the 2021 greenhouse gas (GHG) emissions inventory (Emissions Inventory) for Worthington's global operations.

Worthington has prepared their Emissions Inventory for 2021 in accordance with the requirements of The Greenhouse Gas Protocol Corporate Accounting and Reporting Standard (Revised Edition) (GHG Protocol).

GHD understands that Worthington is preparing the GHG Report as part of its annual sustainability report, and is also reported to the Carbon Disclosure Project (CDP). As part of this submission, Worthington requires verification of its GHG Report.

### 2. Verification Objective, Standards and Criteria

The objective of the verification was for GHD to provide Worthington with an opinion on whether the Emissions Inventory contained no material discrepancies and was prepared in general accordance with ISO 14064.

GHD applied the following criteria for this verification:

- ISO 14064 Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals, ISO, March 2006 (ISO 14064-1)
- ISO 14064 Greenhouse gases - Part 3: Specification with guidance for the greenhouse gas assertions, ISO, March 2006 (ISO 14064-3 Specification)\*
- The Greenhouse Gas Protocol – A Corporate Accounting and Reporting Standard, World Resources Institute/World Business Council for Sustainable Development (the GHG Protocol)

\* GHD expects to be fully accredited to ISO 14064-3:2019 in 2022 as per the ANAB accreditation schedule.

The verification was conducted to a limited level of assurance.

The quantitative materiality for this verification is set at plus or minus five percent of the reported 2021 emissions as per general industry practice and recommended by the GHG Protocol. In addition, a series of discrete errors, omissions or misrepresentations or individual or a series of qualitative factors, when aggregated may be considered material.

### 3. GHD Accreditation

GHD is accredited by the ANSI National Accreditation Board (ANAB) under ISO 14065 as a Greenhouse Gas Validation and Verification Body. Our ANAB accreditation can be viewed at the ANAB GHG Accreditation Services website.

(<https://www.ansi.org/Accreditation/environmental/greenhouse-gas-validation-verification/AIIDirectoryDetails?&prgID=200&OrgId=1735&statusID=4>)

## 4. Verification Scope

The verification included emissions from Scopes 1 (Direct) and 2 (Indirect) across Worthington's global operations, as well as emissions from Scope 3, Categories 1 and 10.

A GHG Emission Estimation Protocol has been prepared for each distinct operational activity of the company. In each protocol, the anticipated Direct and Indirect emissions sources are identified (as well as the necessary input data, key assumptions, and calculation algorithms to be employed).

Scope 1 Direct Emission Source types include:

- Steel Processing - Fuel Combustion (CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O)
- Cylinder Manufacturing – Fuel Combustion (CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O)
- General Manufacturing, Warehouse and Offices – Fuel Combustion (CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O)
- Miscellaneous Diesel Equipment – temporary, intermittent, and portable sources (CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O)
- Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs) and Sulphur Hexafluoride (SF<sub>6</sub>) – estimated emissions across applicable sources

Scope 2 Indirect Emission Sources include the following:

- Steel Processing – Electricity Consumption (CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O)
- Cylinder Manufacturing – Electricity Consumption (CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O)
- General Manufacturing, Warehouse and Offices Protocol – Electricity Consumption (CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O)

96% of Scope 3 emissions include sources from upstream activities related to purchased goods and services (Category 1) and processing of sold products (Category 10).

The verification included emission sources from the facilities listed in Appendix A.

The reporting period is between January 1, 2021 and December 31, 2021.

## 5. Verification Methodologies

GHD used the verification procedures detailed in the Verification Plan to assess the following:

1. Accuracy and completeness of annual GHG emissions
2. Uncertainty of external data sources used
3. Emission assumptions
4. Accuracy of emission calculations
5. Potential magnitude of errors and omissions

To sustain a risk-based assessment, the GHD Project Team identified and determined risks related to annual GHG emissions during both the desk reviews and the follow-up interviews. The GHD Project Team particularly focused on the accuracy and completeness of provided information. The components of the document review and follow-up interviews were:

- Document Review:
  - Review of data and information to confirm the correctness and completeness of presented information.
  - Cross-checks between information provided in the Emissions Inventory and information from independent background investigations.
  - Determine sensitivity and magnitude analysis for parameters that may be the largest sources of error.

- Comparison of emissions from 2021 with emissions from previous reporting year(s).
- Follow-up Interviews:
  - Via telephone
  - Via email

Through the document review GHD established to what degree the presented Emissions Inventory documentation met the verification standards and criteria.

The GHD Project Team's document review during the review process comprised an evaluation of whether or not:

- The documentation is complete and comprehensive and follows the structure and criteria given in ISO 14064 and/or other supporting guidance.
- The methodologies are justified and appropriate.
- The assumptions behind the inventory are conservative and appropriate.
- The GHG emission calculations are appropriate and use conservative assumptions for estimating GHG emissions.
- The GHG information system and its controls are sufficiently robust to minimize the potential for errors, omissions, or misrepresentations.

The GHD Project Team interviewed Facility personnel to:

- Cross-check information provided
- Test the correctness of critical formulae and calculations
- Review data management and recording procedures

## 6. Site Assessment

As the verification of the global operations' Scope 1, Scope 2, and Scope 3 Category 3 emissions were performed to a limited level of assurance, a site visit was not required by either the CDP or ISO 14064-3.

## 7. Verification Findings

### *Emissions Boundary & Year-over-Year Check*

Based on GHD's review the organizational boundary for the Emissions Inventory is appropriate and includes all relevant Scope 1 and Scope 2 emissions. GHD determined the change in emissions from the previous reporting period are consistent with changes in operations and calculation methodologies.

### *Scope 1, Scope 2, and Scope 3 Category 3 Emissions*

GHD reviewed reported Scope 1 and 2 emissions for the reporting period. GHD completed a detailed review of the reported emissions from Delta, Spartan, Columbus and Austria facilities, as well as reviewing calculation methodologies from all other Sites. GHD verified the methodologies used for calculating emissions are reasonable and appropriate and were determined to be reasonable and accurate. GHD did not identify any errors, omissions, or discrepancies that exceeded the materiality threshold. Based on GHD's review the reported emissions are materially correct.

## 8. Statement of Verification

Worthington reported the following as their emissions assertion for the 2021 reporting year:

- Scope 1 Emissions: 142,989 MT carbon dioxide equivalent (CO<sub>2</sub>e)
- Scope 2 Emissions: 147,629 MT CO<sub>2</sub>e
- Scope 3 Emissions: 8,100,539 million MT CO<sub>2</sub>e

Based on the procedures undertaken, it is our opinion that the Worthington 2021 Scope 1, Scope 2, and Scope 3 Category 3 Emissions Inventory is supported by appropriate underlying evidence and is free of material misstatements.

All of Which is Respectfully Submitted,

GHD



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Encl.