

# CERTIFICATE

## Carbon Footprint 2022

according to GHG Protocol - A Corporate Accounting and Reporting Standard (<https://ghgprotocol.org/>)

The Carbon Footprint was verified by TÜV NORD CERT GmbH in accordance with DIN EN ISO 14064-3: 2020 regarding its correctness and completeness for

**Alfred Ritter GmbH & Co. KG**  
Alfred-Ritter-Straße 25  
71111 Waldenbuch  
Germany



according to the annex

Acting as an independent Certification Body TÜV NORD CERT GmbH has verified the carbon footprint of the organization for the reporting period **01.01.2022 - 31.12.2022**

to be **372.898 t CO<sub>2</sub>e**.

The level of assurance is reasonable. The carbon footprint includes Scopes 1, 2 and 3 (market-based approach) of the sites Waldenbuch, Breitenbrunn, Reichenbach, Dettenhausen, Holzgerlingen, Berlin, seven international offices (AT, CN, IT, NL, RU, SG, GB) and three agricultural sites. The calculation of the carbon footprint comprises of emissions arising from energy (natural gas, heating oil, electricity, district heating) and cooling gas consumption, fuel consumption by company owned cars, capital goods, purchased goods and services, fuel and energy pre-chain, employee commuting, business travel, up- and down-stream logistics, water- and paper consumption, sewage and waste disposal as well as processing and disposal of sold products.

Certificate Registration No. 44 776 150452  
Audit Report No. 3534 4973

  
Certification Body  
at TÜV NORD CERT GmbH

Essen, 2023-06-30

TÜV NORD CERT GmbH

Am TÜV 1

45307 Essen

[www.tuev-nord-cert.com](http://www.tuev-nord-cert.com)

# ANNEX

to Certificate Registration No. 44 776 150452

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The table shows the final results of the Carbon Footprint

Scope and Category	Sum
	[t CO <sub>2</sub> e]
<b>Scope 1</b>	<b>11,367</b>
1.1 Direct GHG emissions from combustion of fuels in stationary sources	7,995
1.2 Direct GHG emissions from combustion of fuels in mobile sources	1,322
1.3 Direct Emissions of Fugitive Gases	377
1.4 Emissions of processes	1,673
<b>Scope 2</b>	<b>223</b>
2.1 Indirect GHG emissions from electricity purchase (market based)	40
2.1 Indirect GHG emissions from Electricity purchase (location based)	8,110
2.2 Indirect GHG emissions from district heating/cooling	183
<b>Scope 3</b>	<b>361,308</b>
3.1 Purchased goods and services	317,524
3.2 Capital goods	4,772
3.3 Fuel- and energy-related activities	2,746
3.4 Upstream transportation and distribution	15,445
3.5 Waste generated in operations	3,308
3.6 Business travel	288
3.7 Employee commuting	1,834
3.9 Downstream transportation and distribution	9,631
3.10 Processing of sold products	3,147
3.12 End-of-life treatment of sold products	2,614
<b>Total Sum</b>	<b>372,898</b>

  
 Certification Body  
 at TÜV NORD CERT GmbH

Essen, 2023-06-30