



# VERIFICATION/VALIDATION STATEMENT

The methodology for determining  
the Product Carbon Footprint (PCF) of products of

**LSV Lech-Stahl Veredelung GmbH**  
**Justus-von-Liebig-Str. 41**  
**86899 Landsberg am Lech, Germany**  
**- all sites -**

was verified and validated according to the criteria and requirements

*of DIN EN ISO 14064-3. The balancing process of the  
Product Carbon Footprint is based on that of the Greenhouse Gas Protocol  
and DIN EN ISO 14067.*

*Based on the processes and procedures performed, the methodology for determining the  
PCF is essentially correct and provides an objective statement of the greenhouse gas  
data and information, and has been prepared in accordance with the relevant  
international standard and regulations for quantification, monitoring and reporting of  
greenhouse gases or relevant national standards or codes of practice.*

Sulzbach, 11 Aug. 2023

A handwritten signature in blue ink, appearing to read "Schäfer".

Matthias Schäfer  
Lead verifier

A handwritten signature in blue ink, appearing to read "Mateiko".

Manfred Mateiko  
Independent auditor

The full description of the audit activities can be found in the relevant applicable  
verification report. The contents of the verification report are summarised on the  
following page.

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## Contents of the Verification/Validation Report

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Based on the results of our verification/validation process, we confirm the following findings:

<b>Process</b>	<b>Scope 1 [t of CO<sub>2</sub>e/t]</b>	<b>Scope 2 [t of CO<sub>2</sub>e/t]</b>	<b>Scope 3 [t of CO<sub>2</sub>e/t]</b>	<b>Scope 1-3 [t of CO<sub>2</sub>e/t]</b>
heat treatment conventional	0.1287	-	0.0220	0.1507
heat treatment inductive	-	0.1439	0.0218	0.1657
surface hardening	-	0.0308	0.0101	0.0409
straightening	-	0.0008	0.0001	0.0009
peeling, polishing, testing	-	0.0068	0.0010	0.0078
automatic small parts warehouse (ASPW)	-	0.0070	0.0009	0.0079
sawing	-	0.0026	0.0003	0.0029
longitudinal turning	-	0.0047	0.0006	0.0053
service (phosphating)	-	-	0.0872	0.0872
logistics (upstream and downstream)	-	-	0.0865	0.0865
infrastructure	0.0053	0.0118	0.0316	0.0488



Agreed level of assurance:	adequate
Materiality threshold in the balancing process:	2 %
Life-cycle stages considered:	cradle-to-gate
Validity/representativeness of the PCF:	31 Dec. 2025

In accordance with the methodology consulted for determining the PCF for products of LSV Lech-Stahl Veredelung GmbH and the relevant verification documents, the following assessment is made:

- not deviating*
- deviating*
- negative*