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产品碳足迹核查声明书

授予

苏州纽威阀门股份有限公司

查证产品：蝶阀

功能/声明单位：1台 12TC1R-G V5,C00/L998 的蝶阀

系统边界：苏州纽威阀门股份有限公司生产的1台 12TC1R-G V5,C00/L998 的蝶阀产品生命周期内（从摇篮到大门）的相关过程，包括原材料获取及预加工、原材料运输、产品生产（含废弃物处置）的过程。

查证数据期限：2023年5月1日到2023年5月31日

产品生产地址：江苏省苏州市高新区通安镇新振路519号

公司运营地址：江苏省苏州高新区泰山路666号

重新核查条件：产品生命周期内温室气体排放量发生5%或5%以上计划内的变化或发生10%以上计划外的变化，并且持续超过3个月时，应申请重新核查。

必维认证（北京）有限公司

证明上述单位依据下述国际标准执行产品碳足迹的温室气体核查工作，查证数据为合理测量及计算。

ISO 14067: 2018

1台 12TC1R-G V5,C00/L998 的蝶阀产品生命周期内（从摇篮到大门）的温室气体的排放量为：

949.42kgCO₂e

声明书编号：EMI18450806

版本号：No. 1

核查组长：邓丹

核查日期：2023年7月12日

签发日期：2023年7月20日

有效日期：2025年7月19日

必维认证（北京）有限公司授权代表

认证机构地址：中国北京市东城区东长安街1号东方广场西一办公楼9层902室，邮编：100738
需进一步澄清本声明书的核查范围，可直接向持本声明者查询
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产品碳足迹查证声明书（附件）

本查证声明是由苏州纽威阀门股份有限公司委托第三方核查机构必维认证（北京）有限公司对其生产的 1 台 12TC1R-G V5, C00/L998 的蝶阀产品生命周期内（从摇篮到大门）的碳足迹进行查证事宜，查证的关键信息如下。

- 生命周期各阶段温室气体排放量：

生命周期阶段	温室气体排放 (kg CO ₂ e/台)	占比
原材料获取过程	854.18	89.97%
原材料运输过程	15.89	1.67%
产品生产过程 (包含废弃物处理)	79.34	8.36%
总计	949.42	100.00%

认证机构地址：中国北京市东城区东长安街 1 号东方广场西一办公楼 9 层 902 室，邮编：100738
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Product Carbon Footprint Verification Statement

is awarded to

Neway Valve (Suzhou) Co.,Ltd.

Verified product: Butterfly Valve

Functional/Declared Unit: 1 set butterfly valve which type of 12TC1R-G V5,C00/L998

System boundary: The life cycle (from cradle to gate) process GHG emission of 1 set butterfly valve which type of 12TC1R-G V5,C00/L998 produced in Neway Valva (Suzhou) Co.,Ltd. including upstream raw material acquisition and production, raw material transportation, core production (including waste treatment).

Reporting period verified: May 1, 2023 to May 31, 2023

Production address: No. 519 Xinzhen Road, Tong'an Town, Hi-tech Zone, Suzhou City, Jiangsu Province, P.R. China

Operation address: No. 666 Taishan Road, Hi-tech Zone, Suzhou City, Jiangsu Province, P.R. China

Re-verification conditions: re-verification should be applied when Greenhouse Gas emissions in life cycle of the product has 5% or more than 5% planned changes or has more than 10% unplanned changes, and these changes continue for more than 3 months.

Bureau Veritas Certification (Beijing) Co., Ltd.

certifies that above organization has conducted Greenhouse Gas verification of product carbon footprint in accordance with the requirements of the standard detailed below, and verification data are reasonable measurement and calculation.

ISO 14067: 2018

1 set butterfly valve which type of 12TC1R-G V5,C00/L998 (from cradle to gate):

949.42 kgCO₂e

Statement No.: EMI18450806

Lead verifier: Dan Deng

Issue date: July/20/2023

Version No.: No.1

Verification date: July/12/2023

Expiry date: July/19/2025

Signed on behalf of BVC (Beijing) Co., Ltd.

Certification body address: Room 02, 9 / F, West Office Building 1, Oriental Economic and Trade City, Oriental Plaza, No.1 East Chang'an Street, Dongcheng District, Beijing, China. 100738
Further clarifications regarding the verification scope of this statement may be obtained by consulting the organization.
To check this statement validity please call: +86 10 59683888



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Product Carbon Footprint Verification Statement (Appendix)

Neway Valva (Suzhou) Co.,Ltd. has commissioned Bureau Veritas (Beijing) Co., Ltd. to conduct a third-party verification on Product Carbon Footprint of its 1 set butterfly valve which type of 12TC1R-G V5,C00/L998. Key information is listed below.

- **GHG emissions in each LCA stage:**

LCA stage	GHG emissions (kg CO ₂ e per set)	Percentage
upstream raw material acquisition and production	854.18	89.97%
raw material transportation	15.89	1.67%
core production (including waste treatment)	79.34	8.36%
Total	949.42	100.00%