



# 产品碳足迹核查声明

产品名称：桥梁缆索用热镀锌钢丝、预应力热镀锌钢绞线、预应力混凝土用钢绞线、无粘结预应力钢绞线

申请方名称：河间市宝泽龙金属材料有限公司

企业生产地址：河北河间经济开发区建设大街13号（西区）

量化标准及核查准则：ISO14067:2018；PAS2050:2011；ISO14064-3:2019

核查过程：文件评审，人员访谈，现场核查，重新计算

产品系统边界：从摇篮到大门

功能单位产品碳足迹和边界内个阶段所占比例为：

功能单位	1吨桥梁缆索用热镀锌钢丝		1吨预应力热镀锌钢绞线		1吨预应力混凝土用钢绞线		1吨无粘结预应力钢绞线	
单位产品的碳排放量 (tCO <sub>2</sub> e)	3.52		3.58		3.05		3.05	
边界内各阶段所占比例	原辅料获取	90.69%	原辅料获取	90.77%	原辅料获取	89.27%	原辅料获取	89.27%
	原辅料运输	0.30%	原辅料运输	0.37%	原辅料运输	0.32%	原辅料运输	0.32%
	生产制造	9.01%	生产制造	8.86%	生产制造	10.40%	生产制造	10.41%

产品碳足迹报告期：2023年01月01日至2023年12月31日

保证等级：有限保证

实质性门槛：5%

证书号：04524GHG0048ROM

签发日期：2024年06月05日

有效日期：2027年06月04日

法定代表人：



本证书信息可在 [www.hxqc.cn](http://www.hxqc.cn) 上查询，本声明与航星认证出具的《产品碳足迹核查报告》同时使用。

## 北京大陆航星质量认证中心股份有限公司

地址：北京市海淀区玉泉路甲12号七层





## Product Carbon Footprint Verification Statement

**Product Name:** Hot-dip galvanized steel wire benzene for bridge cables, prestressed hot-dip galvanized steel strand, prestressed concrete steel strand, unbonded prestressed steel strand

**Applicant Name:** Hejian Baozelong Metal Materials Co., Ltd

**Address:** 13 Jianshe Street (West District), Hejian Economic Development Zone, Hebei Province, China.

**Quantitative Standards and Verification Criteria:** ISO14067:2018; PAS2050:2011; ISO14064-3:2019

**Verification Process:** Document review, Interview, On-site review, and Recalculation

**Product system boundary:** Cradle-to-Gate

The carbon footprint of functional units and the proportion of stages within the boundary are as follows:

Function unit	1 ton of hot-dip galvanized steel wire benzene for bridge cables		1 ton of prestressed hot-dip galvanized steel strand		1 ton of prestressed concrete steel strand		1 ton of unbonded prestressed steel strand	
	raw materials acquisition		raw materials acquisition		raw materials acquisition		raw materials acquisition	
Carbon emissions per unit of product (tCO <sub>2</sub> e)	3.52		3.58		3.05		3.05	
Proportion of phases within the boundary	raw materials acquisition	90.69%	raw materials acquisition	90.77%	raw materials acquisition	89.28%	raw materials acquisition	89.27%
	raw materials transportation	0.30%	raw materials transportation	0.37%	raw materials transportation	0.32%	raw materials transportation	0.32%
	manufacturing	9.01%	manufacturing	8.86%	manufacturing	10.40%	manufacturing	10.41%

**Reporting Period:** January.01, 2023 to December. 31, 2023

**Assurance Level:** Limited assurance

**Substantive Threshold:** 5%

**Certificate No:** 04524GHG0048R0M

**Date Of Issue:** Jun.05, 2024

**Effective Date:** Jun.04, 2027

Legal Representative: *Mingqiang LI*



Information on this certificate could be verified on [www.hxqc.cn](http://www.hxqc.cn), this statement is used in conjunction with the product carbon footprint verification report issued by aerstar certification



**Beijing Daluhangxing Quality Certification Center Co., Ltd.**

**Address:** No. Jia 12, Yuquan road, Haidian district, Beijing, P.R. China