

## **Company Overview**

Haoyang Environmental Corporation, established in June 2008, is located in the Shandong Dezhou (Yucheng) National High-tech Industrial Development Zone. With a registered capital of 59.86 million yuan, the company is an integrated environmental protection technology service provider specializing in the research, development, and manufacturing of geosynthetic materials, environmental engineering consulting, design, and construction, as well as soil remediation and ecological governance.

Haoyang Environmental has obtained certifications such as ISO9001 Quality Management System, ISO14001 Environmental Management System, OHSAS 18001 Occupational Health and Safety Management System, and CQC Environmental Protection Product Certification. The company holds qualifications including "Grade B General Contracting for Municipal Public Works," "Grade B Professional Contracting for Environmental Protection Engineering," "Grade B Professional Contracting for Waterproofing, Anti-corrosion, and Thermal Insulation Engineering," "Special Professional Engineering Contracting," and "Safety Production License."

Recognized by national laboratories, Haoyang Environmental has been designated as a "Shandong Provincial Enterprise Technology Center" and a "New Environmental Protection Material Engineering Laboratory." The company focuses on environmental engineering design and consulting, research and development of environmental engineering materials, environmental pollution control, and research and application of hazardous waste treatment and disposal technologies. It possesses multiple invention and utility model patents as well as provincial-level scientific and technological achievements. Haoyang Environmental is a "National High-tech Enterprise," an "Specialized, Sophisticated, Special and Innovative Little Giant Enterprise" recognized by the Ministry of Industry and Information Technology, a "National Quality and Integrity Excellent Enterprise," a "Contract-honoring and Promise-keeping Enterprise," a member of the "International Geosynthetics Society," a governing unit of the "China Geosynthetics Engineering Association," and a member of the "China Environmental Protection Industry Association." Its products have received honors such as "National Quality Inspection Stable and Qualified Products" and "Shandong Famous Brand."

The company boasts 25 modern environmental engineering material production lines, including the country's first 10-meter-wide blown geomembrane production line integrating smooth surface, rough spraying,

and nitrogen roughening, the first double-screw filament geosynthetic production line, and self-developed high-strength reinforced geomembrane production lines, the first 6-meter-wide composite drainage net production line, high-strength composite geosynthetic production lines, and ultra-wide woven geosynthetic production lines. Its products include HDPE geomembranes, composite geomembranes, polyester spunbond filament nonwoven geosynthetics, high-strength woven geosynthetics, short-fiber geosynthetics, three-dimensional composite drainage nets, bentonite waterproof blankets, biaxial geogrid and uniaxial geogrid geosynthetic grids, geocell, and other new environmentally friendly engineering materials with functions such as waterproofing, anti-seepage, reinforcement, isolation, and filtration. These products are widely used in various environmental engineering fields such as water conservancy, transportation, urban domestic waste disposal, industrial tailings ponds, and environmental pollution control.

The company has participated in the construction of national key water conservancy and transportation projects such as the Middle Route of the South-to-North Water Diversion Project, the Three Rivers Governance Project, the Datong-Xining Railway, and the Zhongnan Channel. It has undertaken a large number of environmental pollution control and hazardous waste treatment and disposal projects, including

the "Environmental Treatment Project for Alumina Red Mud Storage Yard" for Shandong Weiqiao Pioneering Group, the "Expansion and Anti-seepage Project for Gold Mine Tailings Pond" for Yunnan Heqing Beiya Mining Co., Ltd., the "First-phase Project for Phosphogypsum Residue Storage" for Sinochem Yunlong Co., Ltd., the "Lunjingtang Phosphogypsum Residue Storage Project" for Hubei Xiangyun Chemical Co., Ltd., the "Ultra-fine Fly Ash Solid Waste Disposal Supporting Residue Storage Area Project" for Huadian Ningxia Lingwu Power Plant, the "Evaporation Pond Project for Water Reuse Facilities" for Inner Mongolia Zhongmei Mengda New Energy Chemical Co., Ltd., and the "Hazardous Waste Non-hazardous Treatment Project of Zhongwei City Chunyu Environmental Protection" for Ningxia Chunyu Environmental Protection Technology Co., Ltd.

In recent years, the company has undertaken numerous overseas projects such as the anti-seepage project for the Indonesian alumina red mud storage yard of Weiqiao Pioneering Group, the Indonesian OBI laterite nickel mine project for Liqin, the Indonesian laterite nickel mine project for Huayou, the Indonesian laterite nickel mine project for Gem Co., Ltd., the Manunu Lithium Mine in the Democratic Republic of the Congo for Shengtun Mining, the copper-cobalt mine in the Democratic Republic of the Congo for Tsingshan Technology, the copper mine in

Zambia for Jinxun Resources, the lithium mine in Zimbabwe for Tsingshan Industries, and the Mariana Salt Lake Lithium Extraction Project in Argentina for Ganfeng Lithium. All these projects have achieved remarkable engineering performance.

Adhering to the corporate spirit of "honesty, trustworthiness, innovation, and dedication," Haoyang Environmental Corporation focuses on the research, development, and manufacturing of geosynthetic materials, environmental engineering consulting, design, and construction, as well as soil remediation and ecological governance. It is committed to becoming a leading domestic and internationally renowned integrated environmental protection technology service provider and ultimately achieving its historical mission of "making the earth cleaner and making humanity healthier."



## 2. Qualification Certificate for Construction Enterprise



# 建筑业企业资质证书

**企业名称:** 浩阳环境股份有限公司

**详细地址:** 山东省德州（禹城）国家高新技术产业开发区文化街1567号

**统一社会信用代码**  
(或营业执照注册号): 91371400676803225L      **经济性质:** 股份有限公司(非上市)

**证书编号:** D237056558      **有效期:** 2029-01-30

**资质类别及等级:** 市政公用工程施工总承包贰级、防水防腐保温工程专业承包贰级、环保工程专业承包贰级、特种工程(结构补强)专业承包不分等级

**备注:** 2023.11.24市政公用工程参级换贰级; 2023.12.27通过换证, 有效期延至2024.12.31; 2024.1.30完成资质延续



发证机关: 山东省住房和城乡建设厅

2024年 01月 30日

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中华人民共和国住房和城乡建设部制



### 3. CNAS Laboratory Accreditation Certificate

 <p><b>China National Accreditation Service for Conformity Assessment</b> <b>LABORATORY ACCREDITATION CERTIFICATE</b> (Registration No. CNAS L11088)</p> <p><b>Test Center of Haoyang Environment Co., Ltd.</b> (Legal Entity: Haoyang Environment Co., Ltd.) No.1567, Wenhua Street, National High-Tech Industrial Development Zone, Dezhou (Yucheng), Shandong, China</p> <p>is accredited in accordance with ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence to undertake the service described in the schedule attached to this certificate.</p> <p>The scope of accreditation is detailed in the attached schedule bearing the same registration number as above. The schedule forms an integral part of this certificate.</p> <p>Effective Date: 2024-06-12 Expiry Date: 2030-06-11</p> <p>Signed on behalf of China National Accreditation Service for Conformity Assessment <b>徐朝华</b></p> <p><small>China National Accreditation Service for Conformity Assessment (CNAS) is authorized by Certification and Accreditation Administration of the People's Republic of China (CNA) to operate the national accreditation schemes for conformity assessment. CNAS is a signatory of the International Laboratory Accreditation Cooperation Mutual Recognition Arrangement (ILAC-MRA) and the Asia Pacific Accreditation Cooperation Mutual Recognition Arrangement (APAC-MRA). The validity of the certificate can be checked on CNAS website at <a href="http://www.cnas.org.cn/english/findaccreditedbody/index.html">http://www.cnas.org.cn/english/findaccreditedbody/index.html</a>.</small></p>	 <p><b>中国合格评定国家认可委员会</b> <b>实验室认可证书</b> (注册号: CNAS L11088)</p> <p>兹证明:</p> <p><b>浩阳环境股份有限公司检测中心</b> (法人: 浩阳环境股份有限公司) <b>山东省德州市(禹城)国家高新技术产业开发区文化街1567号, 251200</b></p> <p>符合 ISO/IEC 17025: 2017《检测和校准实验室能力的通用要求》(CNAS-CL01《检测和校准实验室能力认可准则》)的要求, 具备承担本证书附件所列服务能力, 予以认可。</p> <p>获认可的能力范围见标有相同认可注册号的证书附件, 证书附件是本书组成部分。</p> <p>生效日期: 2024-06-12 截止日期: 2030-06-11</p> <p>中国合格评定国家认可委员会授权人 <b>徐朝华</b></p> <p><small>中国合格评定国家认可委员会(CNAS)经国家认证认可监督管理委员会(CNCA)授权, 负责实施合格评定国家认可制度。CNAS是国际实验室认可合作组织(ILAC)和亚太认可合作组织(APAC)的互认协议成员。本证书的有效性可登陆www.cnas.org.cn获认可的机构名称查询。</small></p>
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### Production Safety License



统一社会信用代码: 91371400676803225L

# 安全生产许可证

编号: (鲁)JZ安许证字[2018]130535

二维码: 

企业名称: 浩阳环境股份有限公司  
法定代表人: 赵奎利  
单位地址: 山东省德州(禹城)国家高新技术产业开发区文化街1567号  
经济类型: 股份有限公司(非上市)  
许可范围: 建筑施工  
有效期: 2021年12月27日 至 2024年12月26日

发证机关: 山东省住房和城乡建设厅  
发证日期: 2023年12月02日



中华人民共和国住房和城乡建设部 监制



# ISO9001 QUALITY MANAGEMENT SYSTEM CERTIFICATION

CSU CERTIFICATION



## QUALITY MANAGEMENT SYSTEM CERTIFICATION

Certificate No: Q2400355R0M

This is to certify that

**Haoyang Environment Co., LTD**

Uniform social credit code: 913714006768032251.

Registered add: No. 1567, Cultural Street, National High-tech Industrial Development Zone, Dezhou (Yucheng), Shandong Province

Business add: No. 1567, Cultural Street, National High-tech Industrial Development Zone, Dezhou (Yucheng), Shandong Province

Quality management system meets the standards

**GB/T 19001-2016/ISO 9001:2015**

Scope of certification:

Non-woven fabrics (short fiber needled nonwoven geotextiles, long silk spunbonded needled nonwoven geotextiles), composite geomembrane processing

Issue Date: 2024/06/26

Reissue Date: 2024/06/26

Valid Until: 2027/06/25

First  
supervision  
mark

Second  
supervision  
mark

Third  
supervision  
mark

This certificate is valid for use within the effective period of the administrative license and qualification prescribed by the state. This certificate is maintained by regular supervision and audit, and the time of arrival of this certificate can be used effectively. This certificate can be found in China website [www.cnca.gov.cn](http://www.cnca.gov.cn) or certification authority website: [www.csuok.com](http://www.csuok.com);



CSU International Certification Co., Ltd.

16F, Building 3, No. 777, West Minghu Road Tianqiao District, Jinan City, Shandong Province, China

P.C: 250032 TEL: 400-618-9711 <http://www.csuok.com>



ISO9001 HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATION

CSU CERTIFICATION



**OCCUPATIONAL HEALTH AND SAFETY  
MANAGEMENT SYSTEM CERTIFICATION**

Certificate No: S2400176R0M

This is to certify that

**Haoyang Environment Co., LTD**

Uniform social credit code: 91371400676803225L

Registered add: No. 1567, Cultural Street, National High-tech Industrial Development Zone, Dezhou (Yucheng), Shandong Province

Business add: No. 1567, Cultural Street, National High-tech Industrial Development Zone, Dezhou (Yucheng), Shandong Province

Occupational health and safety management system

**GB/T 45001-2020/ISO 45001:2018**

Scope of certification:

Non-woven fabrics (short fiber needled nonwoven geotextiles, long silk spunbonded needled nonwoven geotextiles), composite geomembrane processing and related occupational health and safety management activities

Issue Date: 2024/06/26

Reissue Date: 2024/06/26

Valid Until: 2027/06/25

First supervision mark

Second supervision mark

Third supervision mark

This certificate is valid for use within the effective period of the administrative license and qualification prescribed by the state. This certificate is maintained by regular supervision and audit, and the time of arrival of this certificate can be used effectively. This certificate can be found in China website [www.cnca.gov.cn](http://www.cnca.gov.cn) or certification authority website: [www.csuok.com](http://www.csuok.com).



Issued by

CSU International Certification Co., Ltd.

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