



# Hebei Huizhuo New Materials Group Co., Ltd

To provide you with cost-effective CARBON FIBER, GLASS FIBER solutions!!!

Address: No. 10, Second Industrial South Road, Small and Medium Enterprise Pioneer Park, Zao qiang County  
, Heng shui City, Hebei Province, China



惠卓  
Huizhuo

## Our strength:

1. Our own factory and a team of experienced employees with strong technical strength have laid the foundation for the manufacturing of excellent products;
2. Our company has complete equipment and material preparation facilities, with obvious advantages in large-scale production;
3. Having extensive, stable, and excellent customer resources; Manufacturers face users directly and reduce intermediate links;
4. The quality system is complete and operates well, providing guarantee for product quality;
5. The company implements an excellent management model that can quickly provide customers with high-quality and affordable products and services





# Company Introduction

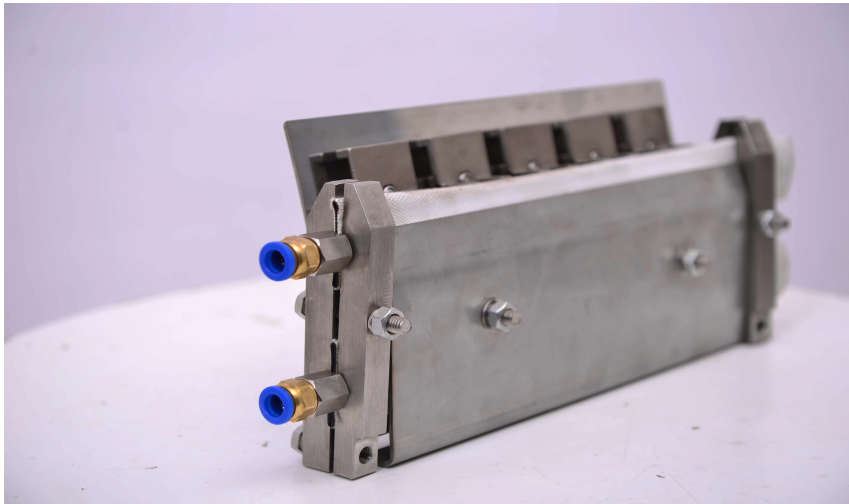
Hebei Huizhuo New Materials Co., Ltd. was established in 2019 with a registered capital of 31 million yuan. It is located in the Zao Qiang Xian Zhong Xiao Qi Ye Yuan, covering an area of 28620m<sup>2</sup>.

Currently, it has more than 160 employees, including 26 management personnel and 18 technicians. It is a company specializing in the research and development, production, sales, installation and service of carbon fiber products, carbon fiber and glass fiber products.

The main products produced include various carbon fiber products such as carbon fiber rollers, carbon fiber pipes, carbon fiber boards, carbon fiber shaped parts, and carbon fiber and glass fiber products.

The products are used in papermaking, medical, military, chemical, aerospace, sports, automotive, construction, electronics and other fields. With strong economic strength and hardware facilities, scientific management methods, and a complete after-sales system.

We have gained recognition and love from a large number of customers and is exported to Japan, South Korea, and other countries.



After several years of hard work, our company has independently developed a series of high-performance paper making doctor blade products.

After being put on the market, they have been widely used in various drying cylinders. Their high wear resistance and protection of the cylinder have been fully demonstrated, and they have been well received by papermaking machinery manufacturers.

At the same time, we are also equipped with various specifications of special high-temperature doctor blade air tires and doctor blade holder and other papermaking machinery consumables.

Welcome merchants at home and abroad to contact us for details.

You can see the detailed introduction following:

## DOCTOR BLADE SERIES:



### HZ- I

High strength ultra-fine glass fiber combined with chemically resistant epoxy resin for excellent wearresistance

Main use: Suitable for various rollers from the mesh section to the coiling section,and in most cases,it allows the metal scraper to be turned into acomposite material doctor blade.



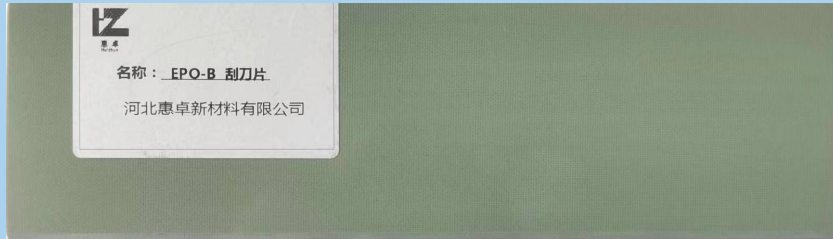
### HZ- II

In addition to the combin at ion of high-strength ultra-fine glassfiber and chemically resistant epoxy resin,high-strength wear-resistant materials are added to achieve high cleaning effects, suitable for areas with high requirements for scraping and cleaning effects.

Usage area:The pressing section and drying cylinder have good cleaning effect.

Bending strength: 400MPA

## DOCTOR BLADE SERIES:



### HZ-III

In addition to the combination of high-strength ultra-fine glass fiber and chemically resistant epoxy resin, an additional wear-resistant material is added, which has a performance between glass fiber and carbon fiber. Not only does the wear resistance increase, but the temperature resistance also reaches 200 °C

Application area: Suitable for more areas. Multiple rollers can be used

Bending strength: 600MPA



### HZ-2C

Made of 20% carbon fiber cloth and high-strength ultrafine glass fiber, combined with excellent epoxy resin to enhance chemical resistance, the scraper has excellent adhesion to the roller surface

Maximum operating temperature: 180 °C

Bending strength: greater than 720MPA

Usage: Suitable for vehicles with a speed greater than 500m/min, suitable for drying cylinders, chrome plated rolls, stone rolls, etc

## DOCTOR BLADE SERIES:



### HZ-4C

Composed of 40% carbon fiber cloth and high-strength ultrafine glass fiber cloth, excellent epoxy resin improves wear resistance, prolongs service life, and improves cleaning effect

Maximum operating temperature: 180 °C

Bending strength: greater than 760MPA

Usage: Suitable for drying cylinders, chrome plated rolls, stone rolls, etc



### HZ-6C

Composed of 60% carbon fiber cloth and high-strength ultra-fine glass fiber cloth, excellent epoxy resin, improving wear resistance, extending service life, and increasing cleaning effect.

Maximum operating temperature: 185 °C.

Bending strength: greater than 780MPA.

Usage: Suitable for drying cylinders, chrome plated rolls, stone rolls, etc.



## DOCTOR BLADE SERIES:



### HZ-100C

Composed of 100% carbon fiber cloth and high-strength ultra-fine glass fiber cloth, excellent epoxy resin improves wear resistance, prolongs service life, and improves cleaning effect.

Maximum operating temperature: 180 °C.

Bending strength: greater than 800MPA.

Usage: Suitable for drying cylinders, chrome plated rolls, stone rolls, etc.



### HZ-2C-II

Composed of 20% carbon fiber cloth and high-strength ultrafine glass fiber, Added ultra-fine grinding material. Improvements made on the basis of HZ-2C result in better wear resistance and removal effect.

Maximum operating temperature: 185 °C.

Bending strength: greater than 720MPA.

Usage: Suitable for drying cylinders, chrome plated rolls, stone rolls, etc. with dirty adhesive.



## DOCTOR BLADE SERIES:



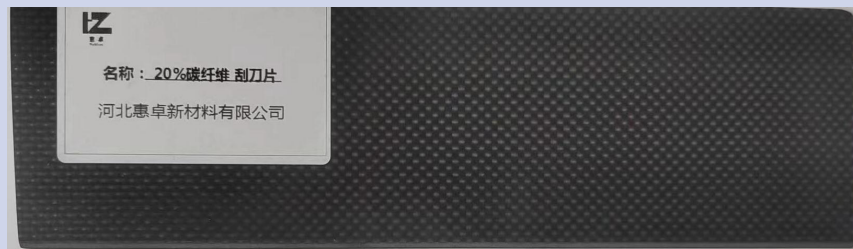
### HZ-4C-II

Composed of 40% carbon fiber cloth and high-strength ultrafine glass fiber, Added ultra-fine grinding material. Improvements made on the basis of HZ-4C result in better wear resistance and removal effect.

Maximum operating temperature: 185 °C.

Bending strength: greater than 760MPA.

Usage: Suitable for drying cylinders, chrome plated rolls, stone rolls, etc. with dirty adhesive.



### HZ-2C-T200

The combination of 20% carbon fiber products, high temperature resistant system resin, and glass fiber has good cleaning effect and a wide range of applications.

Maximum operating temperature: 220 °C.

Bending strength: greater than 720MPA.

Usage: Super high temperature hot roller, calendering roller, etc.

## DOCTOR BLADE SERIES:



### HZ-4C-T200

The combination of 40% carbon fiber products, high temperature resistant system resin, and glass fiber provides better cleaning effect, enhanced wear resistance, extended service life, and a wide range of applications

Maximum operating temperature: 220 °C.

Bending strength: greater than 760MPA.

Usage: Super high temperature hot roller, calendering roller, etc.



### HZ-100C-T200

The combination of 100% carbon fiber products, high temperature resistant system resin, and glass fiber provides the best cleaning effect, longer service life and a wider range of applications.

Maximum operating temperature: 220 °C.

Bending strength: greater than 800MPA.

Usage: Super high temperature hot roller, calendering roller, etc.

## DOCTOR BLADE SERIES:



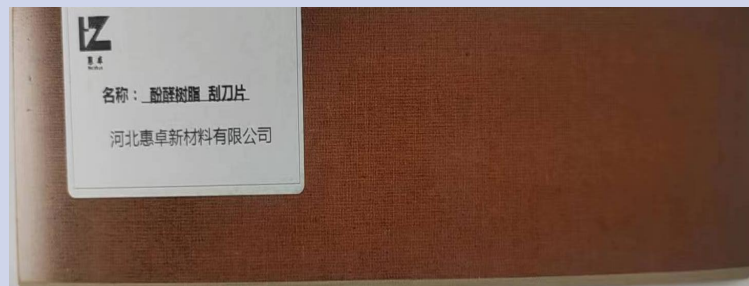
### HZ-2C-III

Composed of 20% carbon fiber cloth and high-strength ultrafine glass fiber, Equipped with ultra-fine grinding materials and added with wear-resistant materials on the surface. Improvements made on the basis of HZ-2C-II have reduced the frictional resistance of the cylinder surface, increased wear resistance, and increased cleaning intensity.

Maximum operating temperature: 220 °C.

Bending strength: greater than 720MPA.

Usage: Suitable for drying cylinders, chrome plated rolls, stone rolls, etc. with dirty adhesive.



### HZ-Phenolic Resin

Composed of special cotton fiber cloth and high-performance phenolic resin, adding high wear-resistant materials to make it more wear-resistant, and greatly reducing the friction coefficient

Maximum operating temperature: 125 °C

Usage: Hard rubber roller, copper cooling roller, etc.

## DOCTOR BLADE SERIES:



### HZ-HDPE

Mainly composed of high molecular weight polyethylene resin. Its molecular weight is greater than 8 million, and there is a special groove design that can add spring plates. Wear resistance

Maximum operating temperature: 80 °C

Usage: Breast roller, soft rubber roller, polyurethane roller, etc



### HZ-CLEAN

Adopting advanced wear-resistant materials, it is a self-developed new material with higher cost-effectiveness and cleanliness, and its performance is between HZ-2C and HZ-4C.

Maximum operating temperature: 160 °C.

Bending strength: greater than 720MPA.

## DOCTOR BLADE SERIES:



### HZ-phosphorus bronze doctor blade

Made of high-quality copper alloy, it is relatively flexible in metal blades, has low friction coefficient, good cleaning effect, and is not easy to damage cylinder rollers.

Hardness: greater than 220 (HV).

Usage: Suitable for rollers made of various materials such as drying cylinder and calendering section.



### HZ-stainless steel doctor blade

Stainless steel quenched using advanced process technology (containing 13% chromium). It is not easy to generate black lines or sparks.

Hardness: greater than 42 (HR)

Usage: Suitable for paper machines with high requirements for paper surface quality.

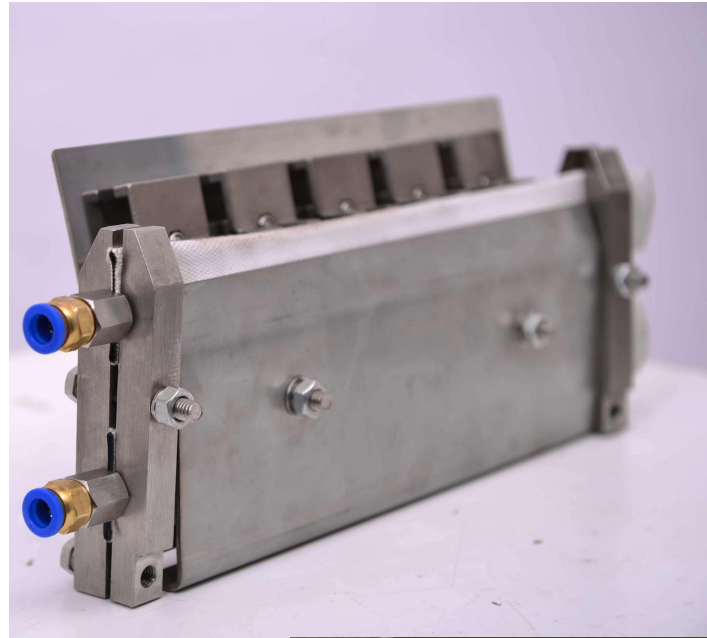


# DOCTOR BLADE HOLDER SERIES:

## Flexiable Doctor blade holder:

Our main products include :  
pull-out scraper system,  
mobile single scraper,  
double scraper system,  
sink double scraper system,  
wrinkling scraper system,  
hydraulic wrinkling scraper  
system, etc.

The scraper clamp has  
double airbag clamp,  
self weight  
clamp, pull-out clamp,  
etc





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# KF 35 carbon fiber doctor blade holder





## Air Pressure tubes

This pneumatic tire uses braided Kevlar (aramid), which is resistant to high temperatures, acids and alkalis, and corrosion.

Each roll is 50m, tube diameter 25mm.

The inner rubber is resistant to high temperatures of 200 degrees Celsius.







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Real time photos of the factory area:



# Partial equipment display :





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**重质量守信用单位**  
VALUE QUALITY AND CREDIT ENTERPRISE  
河北惠卓环保设备有限公司  
河北省衡水市枣强县经济开发区中小企业园二路兴园北街交叉口

针对该企业的信用记录、经营状况、债务风险、发展前景、结合社会口碑、公众认可度，经审核评估，认定该企业重质量守信用单位等级为：

**AAA**

信用编码：HXZC202134268  
Credit Code  
颁发日期：2021年04月29日  
Date of issue  
有效期至：2024年04月28日  
Date of expiry  
公示查询：www.315gov.cn  
www.creditbidding.org.cn

商务信用互认标识 电子证书

华夏纵横（北京）国际信用评级有限公司  
Huaxia Zhenzhong (Beijing) International Credit Evaluation Co., Ltd.

证书说明：  
Notes  
1. 重质量守信用认证自评定之日起有效期为三年。  
Quality and Credit Certificate is valid for three years from the date of evaluation.  
2. 重质量守信用认证实行复审制度，有效期内，每年复审一次，经复审合格的，加盖复审章后可继续使用；信用状况发生变化的，需要重新评定信用等级并更换证书。  
Quality and Credit Certificate is subject to a review system, which is reviewed annually for the duration of the period. After the review is qualified, a review seal will be stamped, the certificate can continue to be used, and if the credit status changes, the certificate needs to be re-evaluated and replaced.  
3. 有效期内企业变更名称的，必须持证明该企业变更手续。  
If an enterprise changes the name of the enterprise within the validity period of this certificate, the person in charge of the enterprise must bring the certificate to the issuing unit for the change procedure.  
4. 本证书只证明企业有效期内的信用状况，不得他用。  
This certificate only proves the credit status within the valid period of the enterprise, and will not be used for other purposes.  
5. 本证书不得涂改、转借。  
This certificate shall not be altered or lent.  
复审记录：  
Re-examination records: \_\_\_\_\_

**重合同守信用企业**  
OBSERVE CONTRACTS AND KEEP PROMISES ENTERPRISE  
河北惠卓环保设备有限公司  
河北省衡水市枣强县经济开发区中小企业园二路兴园北街交叉口

针对该企业的信用记录、经营状况、债务风险、发展前景、结合社会口碑、公众认可度，经审核评估，认定该企业重合同守信用企业等级为：

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商务信用互认标识 电子证书

华夏纵横（北京）国际信用评级有限公司  
Huaxia Zhenzhong (Beijing) International Credit Evaluation Co., Ltd.

证书说明：  
Notes  
1. 重合同守信用认证自评定之日起有效期为三年。  
Observe contract and keep promises is valid for three years from the date of evaluation.  
2. 重合同守信用认证实行复审制度，有效期内，每年复审一次，经复审合格的，加盖复审章后可继续使用；信用状况发生变化的，需要重新评定信用等级并更换证书。  
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复审记录：  
Re-examination records: \_\_\_\_\_

**诚信经营示范单位**  
INTEGRITY BUSINESS ENTERPRISE  
河北惠卓环保设备有限公司  
河北省衡水市枣强县经济开发区中小企业园二路兴园北街交叉口

针对该企业的信用记录、经营状况、债务风险、发展前景、结合社会口碑、公众认可度，经审核评估，认定该企业诚信经营示范单位等级为：

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商务信用互认标识 电子证书

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Huaxia Zhenzhong (Beijing) International Credit Evaluation Co., Ltd.

证书说明：  
Notes  
1. 诚信经营示范认证自评定之日起有效期为三年。  
Integrity Business Certificate is valid for three years from the date of evaluation.  
2. 诚信经营示范认证实行复审制度，有效期内，每年复审一次，经复审合格的，加盖复审章后可继续使用；信用状况发生变化的，需要重新评定信用等级并更换证书。  
Integrity Business Certificate is subject to a review system, which is reviewed annually for the duration of the period. After the review is qualified, a review seal will be stamped, the certificate can continue to be used, and if the credit status changes, the certificate needs to be re-evaluated and replaced.  
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复审记录：  
Re-examination records: \_\_\_\_\_

**质量服务诚信单位**  
QUALITY SERVICE INTEGRITY ENTERPRISE  
河北惠卓环保设备有限公司  
河北省衡水市枣强县经济开发区中小企业园二路兴园北街交叉口

针对该企业的信用记录、经营状况、债务风险、发展前景、结合社会口碑、公众认可度，经审核评估，认定该企业质量服务诚信单位等级为：

**AAA**

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公示查询：www.315gov.cn  
www.creditbidding.org.cn

商务信用互认标识 电子证书

华夏纵横（北京）国际信用评级有限公司  
Huaxia Zhenzhong (Beijing) International Credit Evaluation Co., Ltd.

证书说明：  
Notes  
1. 质量服务诚信认证自评定之日起有效期为三年。  
Quality Service Prestige Certificate is valid for three years from the date of evaluation.  
2. 质量服务诚信认证实行复审制度，有效期内，每年复审一次，经复审合格的，加盖复审章后可继续使用；信用状况发生变化的，需要重新评定信用等级并更换证书。  
Quality Service Prestige Certificate is subject to a review system, which is reviewed annually for the duration of the period. After the review is qualified, a review seal will be stamped, the certificate can continue to be used, and if the credit status changes, the certificate needs to be re-evaluated and replaced.  
3. 有效期内企业变更名称的，必须持证明该企业变更手续。  
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4. 本证书只证明企业有效期内的信用状况，不得他用。  
This certificate only proves the credit status of the enterprise during its validity period and it is not used for other purposes.  
5. 本证书不得涂改、转借。  
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复审记录：  
Re-examination records: \_\_\_\_\_



惠卓  
Huizhuo

Our

honor

## 企业资信等级证书

ENTERPRISE CREDIT EVALUATION CERTIFICATE

河北惠卓环保设备有限公司

河北省衡水市枣强县经济开发区中小企业园二路兴园北街交叉口

针对该企业的信用记录、经营状况、债务风险、发展前景、结合社会口碑、公众认可度，经审核评估，认定该企业资信等级为：

# A A A

信用编码: HXZC202134264  
Credit Code

颁发日期: 2021年04月29日  
Date of issue

有效期至: 2024年04月28日  
Date of expiry

公示查询: www.315gov.cn  
www.creditbidding.org.cn

商务信用互认标识 电子证书

中国商务诚信公共服务平台  
China Business Integrity Public Service Platform

华夏众诚(北京)国际信用评价有限公司  
Huaxia Zhongcheng (Beijing) International Credit Evaluation Co., Ltd.

证书说明:  
Notes  
1. 企业资信等级自评定之日起有效期为三年。  
The Enterprise Credit Grade Certificate is valid for three years from the date of evaluation.  
2. 企业资信等级自实行复审制度, 有效期内, 每年复审一次, 经复审合格的, 加盖复审章后可继续使用, 信用状况发生变化的, 需要重新评定信用等级并更换证书。  
The Enterprise Credit Grade Certificate is subject to a review system, which is reviewed annually for the duration of the period. After the review is qualified, a review seal will be stamped, the certificate can continue to be used, and if the credit status changes, the certificate needs to be re-evaluated and replaced.  
3. 有效期内企业变更名称的, 必须持证照发证单位办理变更手续。  
If an enterprise changes the name of the enterprise within the validity period of this certificate, the person in charge of the enterprise must bring the certificate to the issuing unit for the change procedure.  
4. 本证书只证明企业有效期内的信用状况, 不作他用。  
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复审记录:  
Re-examination records: \_\_\_\_\_

## 企业信用等级证书

ENTERPRISE CREDIT EVALUATION CERTIFICATE

河北惠卓环保设备有限公司

河北省衡水市枣强县经济开发区中小企业园二路兴园北街交叉口

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公示查询: www.315gov.cn  
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商务信用互认标识 电子证书

中国商务诚信公共服务平台  
China Business Integrity Public Service Platform

华夏众诚(北京)国际信用评价有限公司  
Huaxia Zhongcheng (Beijing) International Credit Evaluation Co., Ltd.

证书说明:  
Notes  
1. 企业信用等级自评定之日起有效期为三年。  
The enterprise credit rating shall be valid for three years from the date of evaluation.  
2. 企业信用等级自实行复审制度, 有效期内, 每年复审一次, 经复审合格的, 加盖复审章后可继续使用, 信用状况发生变化的, 需要重新评定信用等级并更换证书。  
The enterprise credit grade shall be subject to review once a year within the validity period. If the applicant is qualified through the re-examination, the re-examination seal shall be affixed. May continue to use; If the credit status changes, the credit rating shall be re-evaluated and the certificate shall be replaced.  
3. 有效期内企业变更名称的, 必须持证照发证单位办理变更手续。  
If an enterprise changes the name of the enterprise within the validity period of this certificate, the person in charge of the enterprise must bring the certificate to the issuing unit for the change procedure.  
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This certificate shall not be altered or lent.

复审记录:  
Re-examination records: \_\_\_\_\_

## 企业信用评价AAA级信用企业

ENTERPRISE CREDIT EVALUATION

企业名称: 河北惠卓环保设备有限公司  
Corporate name

信用编码: HXZC202134263  
Certificate Number

有效日期: 2021-04-29至2024-04-28  
Date of Expiry

公示查询: 中国商务诚信公共服务平台  
(www.315gov.cn)  
Public Inquiry

中国商务诚信公共服务平台  
China Business Integrity Public Service Platform

华夏众诚(北京)国际信用评价有限公司  
Huaxia Zhongcheng (Beijing) International Credit Evaluation Co., Ltd.

商务信用互认标识 网站查询

## 重服务守信用企业

VALUE SERVICE AND CREDIT ENTERPRISE

河北惠卓环保设备有限公司

河北省衡水市枣强县经济开发区中小企业园二路兴园北街交叉口

针对该企业的信用记录、经营状况、债务风险、发展前景、结合社会口碑、公众认可度，经审核评估，认定该企业重服务守信用企业等级为：

# A A A

信用编码: HXZC202134269  
Credit Code

颁发日期: 2021年04月29日  
Date of issue

有效期至: 2024年04月28日  
Date of expiry

公示查询: www.315gov.cn  
www.creditbidding.org.cn

商务信用互认标识 电子证书

中国商务诚信公共服务平台  
China Business Integrity Public Service Platform

华夏众诚(北京)国际信用评价有限公司  
Huaxia Zhongcheng (Beijing) International Credit Evaluation Co., Ltd.

证书说明:  
Notes  
1. 重服务守信用认证自评定之日起有效期为三年。  
Service and Credit Certificate is valid for three years from the date of evaluation.  
2. 重服务守信用认证自实行复审制度, 有效期内, 每年复审一次, 经复审合格的, 加盖复审章后可继续使用, 信用状况发生变化的, 需要重新评定信用等级并更换证书。  
Service and Credit Certificate is subject to a review system, which is reviewed annually for the duration of the period. After the review is qualified, a review seal will be stamped, the certificate can continue to be used, and if the credit status changes, the certificate needs to be re-evaluated and replaced.  
3. 有效期内企业变更名称的, 必须持证照发证单位办理变更手续。  
If an enterprise changes the name of the enterprise within the validity period of this certificate, the person in charge of the enterprise must bring the certificate to the issuing unit for the change procedure.  
4. 本证书只证明企业有效期内的信用状况, 不作他用。  
This certificate only proves the credit status within the valid period of the enterprise, and will not be used for other purposes.  
5. 本证书不得涂改、转借。  
This certificate shall not be altered or lent.

复审记录:  
Re-examination records: \_\_\_\_\_