



正大伟业

ZHENGDA GREAT CAUSE

Technology-based
The user comes first
科技为本
用户至上

求实\创新\拼搏\奋进



科技为本
用户至上



公司名称：山东正大伟业安全设备有限公司
制造部：山东省济南市章丘区刁镇柳塘口村（原柳塘口砖瓦厂）
销售部：山东省历城区汉峪金谷海洋大厦
电话：0531-83542898 手机号：15532928461/13854130141
邮箱：15532928461@163.com /2074190630@qq.com
网址：www.zdwy.cc



山东正大伟业安全设备有限公司

Shandong Zhengda Weiye Safety Equipment Co., Ltd

02

COMPANY PROFILE 企业文化

► 企业理念

Corporate philosophy

开拓创新
开拓作为我们企业的核心法则，鼓励发明创造！创新是企业发展的源动力，我们要做创新型企业！
Pioneering and innovative
Pioneering as the core principle of our enterprise, encourage invention and creativity! Innovation is the driving force for enterprise development, and we want to be an innovative enterprise!
奋斗使命 使命感 归属感 责任感 荣誉感 成就感
Struggle mission, sense of mission, sense of belonging, sense of responsibility, sense of honor, sense of achievement

► 企业使命

Corporate mission

山东正大伟业安全设备有限公司是一家拥有自主知识产权的高新技术企业，致力于为社会提供安全泄压产品及解决方案的企业。

主要产品有爆破片、阻火器、粉体爆炸防护设备等。

山东正大伟业安全设备有限公司位于山东省济南市，专业从事安全泄压装置及防爆装置的研制和生产。经过多年发展，山东正大伟业安全设备有限公司为国内众多企业提供安全泄压及防爆技术，拥有国内国际多项专利和技术，是一家一站式提供安全泄压解决方案的公司。公司已取得认证包括中华人民共和国特种设备制造许可证、ISO9001认证、国家防爆认证等。

山东正大伟业安全设备有限公司创建以来，致力于科技兴国，创新发展。引进国外各项技术，并消化吸收研发适合中国国情、占有市场主导地位的产品，用心服务每一位客户。

Shandong Zhengda Weiye Safety Equipment Co., Ltd. is a high-tech enterprise with independent intellectual property rights, and is committed to providing safety pressure relief products and solutions for the society.

The main products are rupture discs, flame arresters, powder explosion protection equipment, etc.

Shandong Zhengda Weiye Safety Equipment Co., Ltd. is located in Jinan City, Shandong Province, specializing in the development and production of safety pressure relief devices and explosion-proof devices. After years of development, Shandong Zhengda Weiye Safety Equipment Co., Ltd. provides safety pressure relief and explosion-proof technology for many domestic enterprises, with a number of domestic and international patents and technologies, and is a one-stop company providing safety pressure relief solutions. The company has obtained certifications, including People's Republic of China special equipment manufacturing license, ISO9001 certification, national explosion-proof certification, etc.

Since its establishment, Shandong Zhengda Weiye Safety Equipment Co., Ltd. has been committed to rejuvenating the country with science and technology, innovation and development. Introduce various foreign technologies, digest and absorb the research and development of products suitable for China's national conditions and occupy a dominant position in the market, and serve every customer attentively.

正大伟业

► 公司资质

Company Qualifications



▶ 爆破片
Rupture discs

▶ 单向隔爆阀
One-way flameproof valves

▶ 无火焰
No flames

▶ 阻火器
Flame arresters

▶ 双向隔爆阀
Two-way flameproof valve



爆破片安全装置

爆破片安全装置由爆破片（或爆破片组件）和夹持器（或支承圈）等零部件组成的非重闭式压力泄放装置。在设定的爆破压力下，爆破片两侧压力差达到预设值时，爆破片即刻动作（破裂或脱落），并泄放流体介质的设备，根据不同的压力，介质，温度，提供多种形式以及材质供客户进行选择

The rupture disc safety device is a non-heavy closed pressure relief device composed of parts such as rupture disc (or rupture disc assembly) and gripper (or support ring). Under the set burst pressure difference, when the pressure difference between the two sides of the rupture disc reaches the preset value, the rupture disc will act immediately (rupture or fall off), and the equipment that releases the fluid medium will provide a variety of forms and materials for customers to choose according to different pressures, mediums and temperatures

形式爆破片

Shape rupture discs



反拱带槽型爆破片(YC)



反拱鳄齿型爆破片(YE)



反拱开缝型爆破片(YF)



正拱带槽型金属爆破片 (LC)

场合爆破片

Occasion rupture discs



锅炉烟道用爆破片



罐箱用爆破片

粉尘防爆装置

单向被动式防爆阀

管道隔爆阀正常用于除尘器或旋风分离的入口管道上，主要用来隔断设备内部爆炸后产生的火焰和冲击波传到上游的管道和设备。在操作过程中，单向隔爆阀的阀瓣由管道内正常工作的气流打开或者处于常开状态。在被受保护的设内部发生爆炸的情况犀隔爆阀的阀瓣受冲击波的冲击而关闭，从而起到隔爆作用

The pipeline explosion-proof valve is normally used on the inlet pipeline of the dust collector or cyclone separation, and is mainly used to isolate the flame and shock wave generated after the internal explosion of the equipment from being transmitted to the upstream pipeline and equipment. During operation, the disc of the one-way flameproof valve is opened by the normal air flow in the pipeline or is in a normally open state. In the event of an explosion inside the protected equipment, the disc of the rhino explosion isolation valve is affected by the shock wave and closes, thus acting as an explosion-proof valve



主动式双向防爆阀

双向隔爆阀是利用爆炸时产生的冲击波来推动阀板，并阻隔爆炸产生的火焰和冲击波，常用于两侧都有爆炸源、微量粉尘输送和除尘器的清洁空气出口侧的爆炸隔离。在正常工作情况下，阀板处于隔爆阀的中间位置，当爆炸发生时，爆炸冲击波推动阀板与阀体的密封条闭合，同时隔爆阀被锁止机构锁定，并且有效的阻止爆炸产生的火焰和冲击波的传播

The two-way explosion-proof valve uses the shock wave generated during the explosion to push the valve plate and block the flame and shock wave generated by the explosion, and is commonly used for explosion isolation on the outlet side of the clean air with both explosion sources, trace dust delivery and dust collectors. Under normal working conditions, the valve plate is in the middle position of the explosion-proof valve, when the explosion occurs, the explosion shock wave pushes the valve plate and the sealing strip of the valve body to close, and the explosion-proof valve is locked by the locking mechanism, and effectively prevents the propagation of the flame and shock wave generated by the explosion



被动式双向防爆阀



无焰泄爆装置是一种用于防止爆炸事故的重要安全装置，可用于防止气体或粉尘在特定条件下发生爆炸。它通过检测爆炸危险的气体或粉尘浓度，并及时采取措施阻止爆炸的发生。无焰泄爆装置广泛应用于石油、化工、制药、粮食等行业，在工业生产中起到了重要的安全保护作用。

A flameless explosion venting device is an important safety device used to prevent explosion accidents, and can be used to prevent gas or dust from exploding under specific conditions. It detects the concentration of gas or dust that is a danger of explosion and takes timely measures to prevent the explosion from occurring. Flameless explosion venting devices are widely used in petroleum, chemical, pharmaceutical, grain and other industries, and play an important role in safety protection in industrial production.

无火焰应用场景：应用在粮食、冶金、化工、电力、轻工、制药、烟草、机械加工、固体废弃物处理等行业。应用的设备有旋风分离器、布袋除尘器、粉尘收集器、滤筒过滤器、气力输送、棒式或球磨机、斗式提升机、干燥和烘箱、辊轧研磨、建筑物等

Flameless application scenarios: used in food, metallurgy, chemical industry, electric power, light industry, pharmaceutical, tobacco, mechanical processing, solid waste treatment and other industries. The equipment used is cyclone separators, bag filters, dust collectors, cartridge filters, pneumatic conveying, rod or ball mills, bucket elevators, drying and drying ovens, roll grinding, buildings, etc

说明

1. 它由爆破片和火焰熄灭模板两部分组成（爆破片需具有特种设备生产许可）；
2. 适用于室内设备的粉尘爆炸无火焰泄放。泄爆效率高，经济实用；
3. 能有效阻止火焰和热量，为设备、建筑物和流动人员提供安全的场所，还能有效收集粉尘，减少对环境的污染；
4. 与隔爆阀组合使用不但有效防止压力波和火焰传播到上游车间的生产场地，而且遏制了二次爆炸事故的发生，降低了财产损失和保护了人员安全。

illustrate

1. It is composed of two parts: rupture disc and flame extinguishing template (rupture disc needs to have special equipment production license);
2. It is suitable for dust explosion of indoor equipment without flame discharge. High explosion venting efficiency, economical and practical;
3. It can effectively prevent flames and heat, provide a safe place for equipment, buildings and mobile personnel, and effectively collect dust to reduce environmental pollution;
4. The combination with the explosion-proof valve not only effectively prevents the pressure wave and flame from spreading to the production site of the upstream workshop, but also curbs the occurrence of the secondary explosion accident, reduces the property loss and protects the safety of personnel.

无焰泄爆装置是一种用于防止爆炸事故的重要安全装置，可用于防止气体或粉尘在特定条件下发生爆炸。它通过检测爆炸危险的气体或粉尘浓度，并及时采取措施阻止爆炸的发生。无焰泄爆装置广泛应用于石油、化工、制药、粮食等行业，在工业生产中起到了重要的安全保护作用。

A flameless explosion venting device is an important safety device used to prevent explosion accidents, and can be used to prevent gas or dust from exploding under specific conditions. It detects the concentration of gas or dust that is a danger of explosion and takes timely measures to prevent the explosion from occurring. Flameless explosion venting devices are widely used in petroleum, chemical, pharmaceutical, grain and other industries, and play an important role in safety protection in industrial production.



阻火器

阻火器优点

- 1、阻火器主要由阀体、阻火网、螺丝、法兰组成。
- 2、阻火器的阻火层越多层，阻火效果越明显，13次连续阻止火焰需要至少两层阻火网。
- 3、阻火器结构简单，阻火层容易拆卸更换。
- 4、大多数阻火器是由能够通过气体的许多细小、均匀或不均匀的通道或孔隙的固体材质所组成。
- 5、阻火元件的缝隙或通道尽量小，因而当火焰进入阻火器后，被阻火元件分成许多细小的火焰流，由于传热作用(气体被冷却)和器壁效应，火焰流猝灭。
- 6、波纹型滤芯用不锈钢、铜镍合金、铝或铝合金支撑。波纹型阻火器能阻止爆燃的猛烈火焰，并能承受相应的机械和热力作用，流动阻力小，易于清洗和更换。

Flame arrester advantages:

1. The flame arrester is mainly composed of valve body, flame arrester net, screw and flange.
2. The more layers of the flame arrester, the more obvious the fire arresting effect, and at least two layers of fire arrest nets are required for 13 consecutive flame arrests.
3. The flame arrester structure is simple, and the flame arrester layer is easy to disassemble and replace.
4. Most flame arresters are composed of solid materials that can pass through many small, uniform or uneven channels or pores of gas.
5. The gap or channel of the flame retardant element is as small as possible, so when the flame enters the flame arrester, the flame retardant element is divided into many small flame streams, and the flame flow is quenched due to heat transfer (the gas is cooled) and the wall effect.
6. The corrugated filter element is supported by stainless steel, copper-nickel, taitin, aluminum or aluminum alloy. Corrugated flame arresters can stop the fierce flame of deflagration, and can withstand the corresponding mechanical and thermal action, low flow resistance, easy to clean and replace.

防爆阻火器



阻火器的作用：防止炉火沿燃料气管线回火而引起燃料气系统的火灾，爆炸等事故。
The function of flame arrester: to prevent the fire and explosion of the fuel gas system caused by the backfire along the fuel gas pipeline.

管端阻火器



抽屉式阻火器

