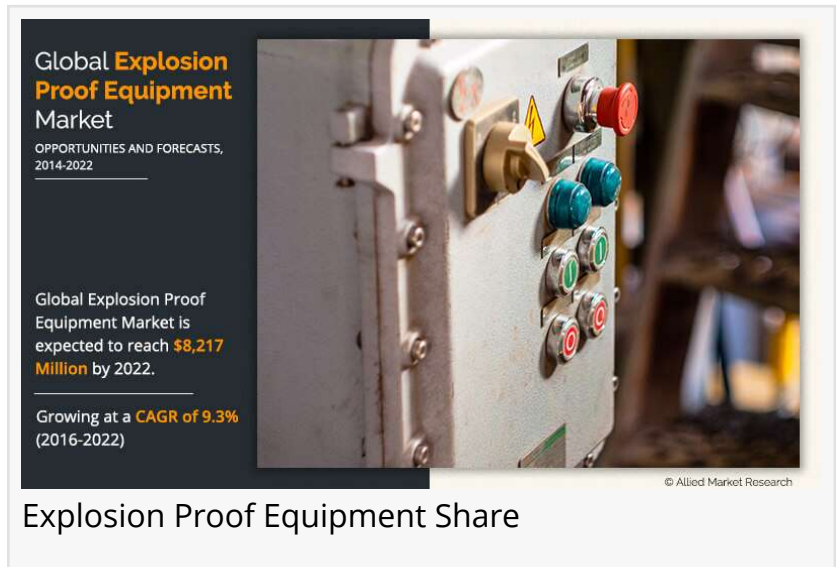


Explosion Proof Equipment Market Trends to Reach \$8,217 Million, Globally, by 2022

Explosion Proof Equipment Market Present Scenario, User Demand, Growth Analysis, Benefits and Regional Overview 2022

PORTLAND, OR, UNITES STATES,
September 22, 2021 /

EINPresswire.com/ -- [Explosion Proof Equipment Market](#) Report, published by Allied Market Research, forecasts that the global market is expected to \$8,217 million, registering a significant CAGR of 9.3% during the period 2016 - 2022. North America is expected to dominate the global market throughout the analysis period, registering a notable CAGR of 8.4%.



The market is driven by factors such as increased safety concerns, growth in industrial sector, rise in automation sector, and stringent government regulations. However, lack of standardization restricts the market growth.

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Top Manufacturers:

The key market players profiled in the report include ABB Group, Rockwell Automation Inc., R. Stahl AG, BARTEC Group, Adalet, Siemens AG, Intertek Group Plc, Pepperl + Fuchs GmbH, and Cooper Industries (Eaton).

The usage of spark-resistant devices, automated systems, monitoring and signaling devices among others prevents sparks in explosion-prone industries including oil & gas, manufacturing, and others. Therefore, some of the top-notch players, such as R. Stahl AG, BARTEC Group, and Extronics Ltd. among others have focused on manufacturing equipment using non-flammable materials for heavy industries to reduce sparks generated by friction.

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Explosion Proof Equipment Market Segmentation:

By Applicable System

- Cable Glands
- Junction Boxes & Enclosures
- Lifting & Material Handling System
- Lighting System
- Automation System
- Surveillance and Monitoring System
- Signaling Devices
- Others (Switchgear, HVAC, Conduits, Flexible Couplings and Unions)

By Protection Method

- Explosion Containment
- Explosion Prevention
- Explosion Segregation

The explosion-prone industries based out in North America need to comply with the NEC standard, which defines the design and development of equipment on the basis of class, division, and group system. Similarly, ATEX or IEC standards are followed in Europe, which segregates an area on the basis of zone. These systems follow a similar *modus operandi*, and demarcate hazardous areas that are prone to explosive materials apart from assigning the category of equipment that need to be used in such locations. An ATEX-compatible HVAC system offered by Intertek ensures high safety of labor and automatic climate control system. The system is best suited for oil & gas refineries, petrochemical, and manufacturing plants, as it regulates the atmospheric pressure to prevent the entry of dust or gas.

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David Correa

Allied Analytics LLP

+1 503-894-6022

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