

Have you inspected your Flame Arrester?



Protectoseal recommends that our products be inspected and maintained according to the normal maintenance schedule of the facility.

The US Chemical Safety Board (CSB) recommends that all Flame Arresters require regular inspection and maintenance (cleaning) to maintain functionality. Dirt and small particles collecting in the narrow gaps between the flame arrester plates, insects nesting in the housing and corrosion can degrade performance.



The Importance of Maintenance

Protectoseal, the world's leading supplier of Flame Arresters, recommends that all devices be inspected annually and that regular maintenance intervals be incorporated into plant operating guidelines.

Most Flame Arrester applications do not require maintenance before a year of installation. However, for unusual service conditions more frequent maintenance may be required.

Specifically for Flame Arresters, there are two directives that apply: **ATEX Directive 2014/34/EU (Equipment Directive)** and **ATEX Directive 1999/92/EC (Workplace Directive)**.

These require that products, sold for use in potentially explosive atmospheres within Europe since July 2003, must comply with certain standards of performance. If you have any questions, please contact your Protectoseal representative.

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Run-to-Failure is not an Option

The run-to-failure philosophy isn't an option with Flame Arresters because failure might result in property damage (Explosion/Implosion) or even loss of life.

- For Flame Arresters to perform effectively, there needs to be a program of regular inspection and maintenance to ensure they function effectively.
- A failure to regularly inspect and maintain the products creates a potential explosion hazard.
- The products must be kept in good condition, with no evidence of mechanical damage, corrosion or blockages, which could compromise their performance.

