

Stock Rationalisation

Reduce stock holdings by up to 65% while reducing long-term costs

Process plants are coming under ever more commercial pressure to meet supplier demand. Saving costs wherever possible is becoming an even more crucial part in the day-to-day running of an organisation.

Elfab have over 15 years' experience in supporting its global customer base with standardising current stock holdings of rupture discs. This helps improve productivity and reduce overall expenditure. Many process plants adopt a stock rationalisation programme as a means of increasing efficiency, reducing stock holdings and improving purchase costs.

Stock variation can increase when different departments or external contractors write specifications for new projects without examining existing stock. Variation can also increase over time due to discs being ordered for very small differences in process conditions. As a result, the plant may hold an unnecessarily large variation of rupture discs on site.

The higher inventory can be difficult to manage for even the most efficient purchasing departments. The complexity of stocking a large range of burst pressures and temperatures within disc specifications also increases the risk of human error.

Elfab offer ongoing support to customers and an efficient onsite survey analysis with recommendations on how to reduce spending and standardise materials. Elfab offer the stock rationalisation programme to companies of all sizes, from local manufacturers to global companies and blue-chip organisations around the world.



How does the Stock Rationalisation programme work?

Elfab can conduct a simple site survey to document all rupture disc variations and recommend ways to rationalise stock. The survey looks carefully at the differences in process conditions and the level of rupture disc variation on site to identify whether a smaller variation of rupture discs is applicable or required.

The industry-leading Opti-Gard rupture disc is Elfab's most advanced design, offering a 3% tolerance combined with a 97% operating ratio. Opti-Gard acts as a single-disc solution across a range of demanding process conditions. This disc also has the additional ability to withstand full vacuum without additional support, eliminating the need to re-order discs with support, thereby further reducing costs.

Out with traditional rupture discs, in with new technology

By upgrading to Elfab's industry-leading Opti-Gard, customers have the potential to eliminate a large proportion of rupture disc variation and significantly reduce cost and stock holding. In many cases this can reduce inventory by up to 65% while also significantly reducing overall long-term spend.

By reducing the number of rupture discs on site you can benefit from reduced costs through minimized stock holdings and advanced technological abilities, as well as reduced overall production downtime due to increased safety and a quicker installation process.

Benefits of Rationalisation

- Improve stock levels & control
- Reduce cost and variation
- Utilise the latest technological advancements
- Reduce spare holding
- Benefit from a procurement procedure programme
- Train staff through a technical training & maintenance programme
- Standardise burst pressure and materials, including for further installations
- Reduce waste and obsolescence
- Reduce replacement cycle and procurement costs
- Reduce overall spend



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