

Guardian Overspeed Detection System (ODS)

Guardian Overspeed Detection System (ODS) prevents dangerous overspeed and acceleration conditions.

Overview



Feedback

What is it?

The Guardian® Overspeed Detection System (ODS) offers certified overspeed protection for your rotating equipment plus integration with industry leading CCC control systems. Protecting your workforce and rotating assets is critical to your business. Accept no tradeoffs between safety and performance with CCC products.

Protecting your workforce and rotating assets is critical to your business. With the Guardian ODS, you never have to sacrifice safety for performance. By using a safety system physically separate from the control system, you can protect your equipment not only from physical issues such as sensor or controller failure, but also from devastating cyberattacks. The system's settings can only be changed with direct access to the unit, offering another layer of protection for your assets.

The Guardian ODS incorporates overspeed detection functionality while maintaining the capability of a TUV-certified SIL-3. Compliant with API-670, API-611 and API-612 standards, the Guardian ODS integrates seamlessly with industry-leading CCC control systems – making it easier than ever to safeguard your rotating assets.

How does it work?

Using industry standard setting overspeed detection, the Guardian ODS monitors compressors and turbines for overspeed and acceleration to ensure safety for critical systems.

What Problems Do They Solve?

Properly functioning safety systems are critical to safe operations of any facility. The Guardian ODS is a simple to configure overspeed detection system that ensures compliance with API-670, API-611, and API-612.



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