Professional Protection of Your Rotating Machinery Assets - Just in CASE

Engineered Solutions

Field Service

Training

Consulting

Spare Part

molelion & Commissioni



Electronic Overspeed Protection System

There are several reasons to upgrade to an Electronic Overspeed Protection system:

- Most new turbines today are equipped with Electronic Overspeed Protection as a standard.
- Electronic Overspeed Protection systems provide safe, simple, and reliable testing.
- Electronic Overspeed systems are very reliable, and come with modern features such as a testable set point and speed rate of change detection.
- An Electronic Overspeed Protection system fulfills international safety specifications.

Mechanical Overspeed Trip	Electronic Overspeed Protection System
General trip speed range, typically ± 100 rpm	Precise trip speed, digital set point
No interface or diagnostics available	Provides complete control system inter- face and system diagnostics
Turbine must be running at trip speed to test mechanical overspeed	A temporary test set point can be used to test at any speed
Mechanical devices are prone to wear and stiction	Electronic does not rely on mechanical devices
Can require multiple runs of the turbine to adjust the trip set point in the field	Test and Trip set points can be changed and tested at any time



Woodward's ProTechTPS (Total Protection System) is a safety system that provides specialized overspeed protection functions plus additional programmable logic to address other safety critical functions.



WHO WE ARE

CASE M&I is an engineering and service company that provides control systems for rotating machinery. We focus on power generation and petrochemical industries. We are committed to our customer relationships and the implementation of quality solutions.

CASE M&I employees have over 350 years of industry experience. Our field service background keeps us focused in this niche market. Our customers can expect attention to detail, follow through, and prompt service. Commitment to support is key, and Case M&I is available 24 hours a day, 7 days a week.

CASE M&I is centrally located within the heart of turbine controls country, with our headquarters in Loveland, Colorado.

WHAT WE PROVIDE

CASE M&I offers the following products and services:

- Utility Steam Turbine Controls
- Industrial Steam Turbine Controls
- Hydro Turbine Controls
- Combustion Turbine Controls
- Compressor Controls
- Turbine Safety Systems
- Installation & Commissioning
- Field Services
- Spare Parts
- Training



Thank you for considering CASE M&I for your plant and rotating equipment service needs. Let us show you what we can do to enhance your operation.



Contact CASE M&I, LLC

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