



## The Importance of Preventive Maintenance

Regular monitoring and maintenance of the condition (vibration, temperature etc.) of your rotating equipment helps to identify significant changes indicating developing fault. Situations or events that may impact the normal lifespan of your equipment can be addressed before they develop into a major failure, resulting in costly downtime.

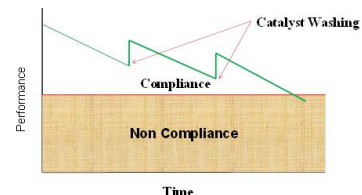
**Extend the life of your equipment with regular maintenance.**

**Save time and money.**

### Catalyst Maintenance

To maintain their effectiveness, catalysts need to be maintained. Chemical cleaning of the catalyst substrate is recommended every 2 years or 16000 hours.

[Contact GCS](#) for details about our catalyst element cleaning services.



### Gas Turbine Valve Maintenance

Follow the Woodward recommended **Gas Turbine Valve Maintenance** to ensure the reliability, availability, and safe operation of gas turbines. Preventative maintenance is essential to avoid unnecessary and unscheduled shutdowns.

Overhauled components meet Woodward's factory standards and include an 18 month warranty.

[Contact GCS](#) to arrange your valve overhaul or replacement.



### Vibration Monitoring

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## Volume III: Issue 4 – Preventive Maintenance

GCS specializes in Bently Nevada 3500 and the ENCO RE Systems, integrating vibration detector equipment with required cards to meet API670 standard for interfacing with the proximitors and probes. From retrofits of obsolete systems to new builds, GCS can support your vibration detection needs and ongoing service / training requirements.

[Contact GCS](#) for more information.



### Mobile Test Stand for On-Site Governor Service

[Contact GCS](#) to arrange on-site, emergency service.

Our technician arrives on-site equipped with our mobile test stand to provide governor / actuator calibration and troubleshooting.

- Lightweight, modular design easily ships
- Adapts to most governors and actuators

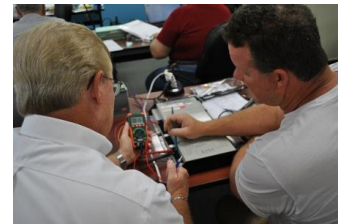


**GCS Mobile Governor Test Stand**

### Woodward Training

GCS offers comprehensive technical training at all our locations. Select from our extensive roster of scheduled classes or design a custom class. Customized, on-demand training can be delivered in-house or on-site.

Our training program covers a wide range of Woodward products and covers basic theory, operation, installation, and practical hands-on skills. Factory-trained and certified instructors offer practical and theoretical training, including live demos in a closed-loop environment.



**2015 Technical Training Schedule.** [Contact GCS](#) for your copy.



### Meet GCS at Upcoming Events

