What's Your Turbine's Trip Speed?

WOODWARD

GCS PG Tachometer Kit

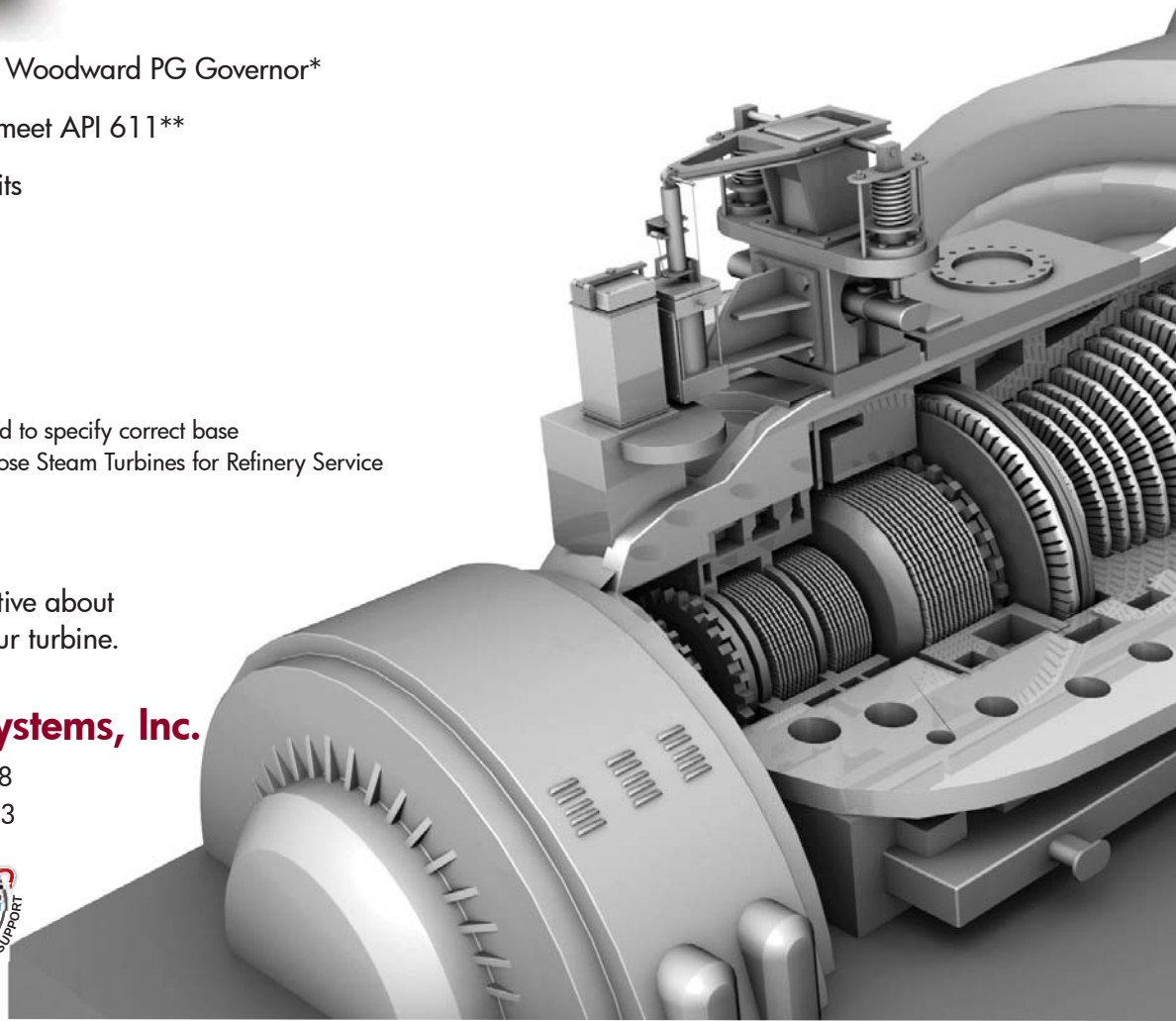
Reliable, Easy To Install Speed Monitoring

GCS PG Tachometer Kit mounts on a mechanical-hydraulic Woodward PG governor used on general purpose steam turbines. The self-powered Tach Kit provides easy, reliable turbine speed monitoring.

Reduce downtime, maintenance costs and potential turbine failures.

- Adapts to the base of any Woodward PG Governor*
- Local speed indication to meet API 611**
- Designed for digital retrofits
- Easy to install & read
- Field configurable
- Self-powered

* PG governor part number required to specify correct base
** API Standard 611 General-Purpose Steam Turbines for Refinery Service



Contact your GCS representative about control solutions to protect your turbine.

Governor Control Systems, Inc.

Florida Office: 877-659-6328
Gulf Coast Office: 888-427-4853
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www.govconsys.com

24/7 SERVICE & SUPPORT

Successfully Monitor Turbine Speed

PG Tach Kit Specifications:

- Requires installation port for magnetic pickup
- Encased gear, RAL 7035 Textured - shock, vibration and moisture resistant
- Instrinsically safe tachometer; Class I, Div I approved
- Operating Temperature Range: -5°F to +175°F (-20°C to +80°C)
  Storage: -40°F to +195°F (-40°C to +90°C)
- Minimum signal amplitude is 4.0 VRMS.
- LCD display included. Optional backlit display available

PG Tach Kit P/N	Base Configuration
2835-0012	Alco Square Base
2835-0013	Round Base

Enhance your Tach Kit

Speed Switch Transmitter Kit

P/N 2835-0021 with 2 relay outputs
P/N 2835-0023 with 4 relay outputs

- 316 stainless steel housing contains a speed switch that converts the speed reading to a 4-20 mA signal which can be read from any remote location.
- Field configurable outputs, frequency and sensitivity, available for 115 VAC or 22-30 VDC.
- To bring the speed to your DCS, an additional independent magnetic pickup and assembly cable may be required

Overspeed Trip Test Device

P/N 6611-221

The Woodward overspeed trip test device manually increases the governor speed setting to check the operation of the turbine overspeed trip mechanism. It can be installed on any PG governor which has a shutdown rod. May be installed in our authorized workshop or in the field.

Governor Overhaul, Installation and Commissioning Services

- PG Governor overhaul including installation of magnetic pickup port
- Installation and Commissioning: PG Tach Kit, Speed Switch Transmitter Kit, Overspeed Trip Test Device on PG governor