



# AMERICAN GOVERNOR

## **FACTORY REPAIR SERVICES**

### **For Governor Pumps and PMGs**

Our Training and Repair Facility offers repair services for major governor auxiliary systems like XX Herringbone Gear Pumps and Permanent Magnet Generators. Factory repairs save you money compared to a service call and allow us to perform additional services that are difficult or impossible to do in the field. Factory Repair Services available for:

### **XX Herringbone Gear Pumps (Woodward)**

These pumps are very robust, and with routine maintenance will usually last many, many years. In addition to basic pump overhaul services, we offer advanced repair services and have been able to repair some severely damaged pumps that customers thought were beyond saving.

#### **Basic pump overhaul includes:**

- Disassemble, clean and inspect pump and unloader
- Replace pump (4) and motor (1) bearings
- Inspect and dress herringbone gears
- Install new gaskets, seals and O-rings
- Reassemble and adjust end clearance to OEM specs

#### **Advanced repair services can include:**

- Side grind the drive and idler gears to maintain proper centering of the gears when meshed
- Magnaflux inspect drive and idler gear journals for cracks
- Resurface inboard and outboard bearing plates to remove any score marks

### **Permanent Magnet Generators (Woodward or Pelton)**

PMGs also have a very long useful life, but they do need periodic maintenance and voltage can degrade over time. We offer a full range of factory services for both Woodward and Pelton units, including:

- Overhaul
  - Disassemble, clean and inspect
  - Upper and lower bearing replacement
  - Test and verify PMG output voltage
  - Test and verify Speed Switch settings
- Remagnetization
- Stator Lead Repairs

American Governor is committed to supporting all your governors, regardless of manufacturer or model, with parts, field service, technical support, training and engineering for as long as you wish to keep them in service.



• **EXPERT SERVICE**

• **FAST TURNAROUND**

• **OEM-TRAINED SPECIALISTS**

• **ROUTINE OVERHAULS**

• **ADVANCED REPAIR SERVICES**

• **OVER 60 PUMP OVERHAULS PERFORMED**

• **PMG OVERHAUL AND REMAG SERVICES**



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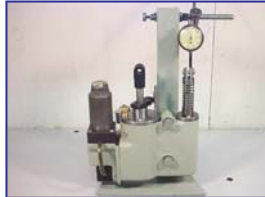
## **Factory Repairs are also Available for other Governor Assemblies:**



**Aux. Speed Switches**



**Brake Air Valves**



**Dashpots**



**Distributing Valve Plungers & Bushings**



**Analog Modules**



**Digital Modules**

### **Regional Offices Serve You Better!**

Call today for governor parts, service, training, or technical support.

### **Governor School is Back!**

Every June in Wisconsin. Call your Regional Office for details.

### **New and Reconditioned Parts Available**

American Governor parts meet or exceed OEM standards.

### **Nagging Governor Problems?**

American Governor experts are just a phone call away.

### **OEM Unsupportive?**

American Governor supports all types and styles of hydro governors, produced by any manufacturer.

### **Have an Emergency? Call Us!**

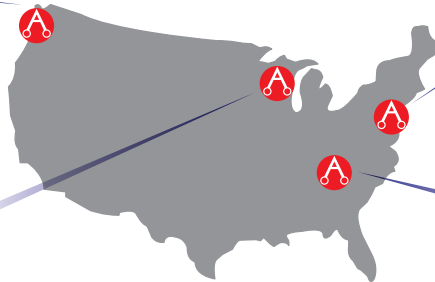
American Governor has a wide variety of governor assemblies and auxiliary systems that can be sent out on short notice to get your unit running.



**Wisconsin Training and Repair Facility**

#### **AGC - Northwest Office**

Contact: Roger Clarke-Johnson  
Debbie Langendoerfer  
Seattle (Kirkland) WA  
Phone: (425) 821-8076  
Fax: (425) 821-4127  
Email: rogercj@americangovernor.com  
debbiel@americangovernor.com



#### **AGC - Northeast Office (Main)**

Contact: Scott Ginesin  
Jessica McGinley (International)  
76 Steamwhistle Drive  
Philadelphia (Warminster) PA  
Phone: (215) 354-1144  
Fax: (215) 354-1782  
Email: scottg@americangovernor.com  
jessm@americangovernor.com

#### **AGC - Midwest Office / Training Center**

Contact: Rick Sheldon  
Stevens Point (Amherst) WI  
Phone: (715) 824-3800  
Fax: (715) 824-5979  
Email: ricks@americangovernor.com

#### **AGC - Southeast Office**

Contact: Alan Fox  
Knoxville (Maynardville) TN  
Phone: (865) 992-1123  
Fax: (865) 992-2921  
Email: alanfox@americangovernor.com

For more information, visit us on-line:

 [AmericanGovernor.com](http://AmericanGovernor.com)