

Woodward Permanent Magnet Generators

Support Services

Service

Woodward permanent magnet generators have a very long useful life, but they do require periodic maintenance as voltage can degrade over time. Emerson offers a full range of services for both Woodward and Pelton units, including:

- Overhaul
 - Disassemble, clean and inspect
 - Upper and lower bearing replacement
 - Test and verify permanent magnet generator output voltage
 - Test and verify speed switch settings
- Re-magnetization
- Stator lead repairs

Auxiliary speed switches

These switches run at a multiple of turbine speed and require more frequent overhaul. In addition to offering overhaul parts for field replacement, we also offer reconditioned speed switches and factory speed switch overhauls. Each overhauled speed switch will be tested and adjusted on our speed switch test stand to match your specified trip settings.

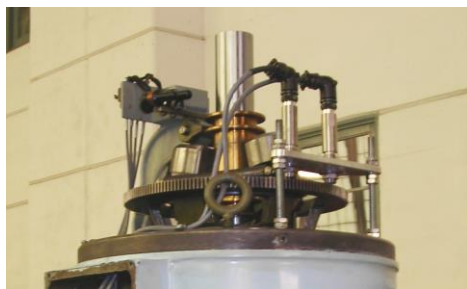


Figure 1. Modified PMG for Digital Speed Sensing



Figure 2. Overhauled PMG with Aux. Speed Switches



Figure 3. Remagnetized PMG

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