

Governor Services

Supporting stable engine operation through reliable speed and load control

WOODWARD
SERVO MOTOR
TYPE (B. 4)



Stable Engine Operation starts with precise control

Governor solutions to restore control accuracy and support reliable engine performance.

Reliable engine performance depends on precise speed control and responsive load handling. Governor systems help maintain operational stability by regulating fuel delivery and adapting to changing engine demands across marine, industrial, and power generation applications.

Over time, operating conditions can affect governor performance through mechanical wear, contamination, vibration, and calibration drift. These factors may influence control accuracy, responsiveness, and overall system reliability.

BWSC delivers OEM-aligned governor services focused on restoring control performance, maintaining operational reliability, and extending component service life through structured inspection, reconditioning, calibration, and testing.



What our Governor services deliver

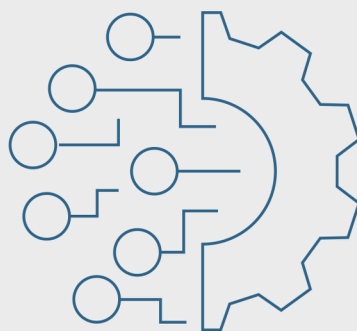
BWSC provides end-to-end lifecycle support for mechanical, hydraulic, and electronic governors, ensuring precise engine speed control and reliable system performance throughout the operational life of the equipment. Our services are designed to maintain control accuracy, improve responsiveness, and safeguard engine stability across marine, power generation, and industrial engine applications.

Our governor service capabilities include:

- Inspection and diagnostic
- Maintenance and repair
- Reconditioning and calibration
- Upgrades and system modifications
- Exchange programs to minimize downtime

Through structured service procedures, OEM-alignment, and specialized testing equipment, BWSC ensures that governor systems continue to deliver accurate speed regulation and stable engine performance.

Our services support both planned maintenance strategies and urgent operational requirements, ensuring stable engine control under all conditions.





Restoring Performance of Critical Cooling and Pump Systems

Continuous vibration, load cycling, and environmental exposure can lead to progressive degradation of governor systems, including linkage and pivot wear, calibration drift affecting load sharing, actuator leakage or slow response, sensor inaccuracies, oil contamination with internal component wear, and structural fatigue or looseness.

If untreated, these conditions may result in unstable speed control, overspeed risk, increased fuel consumption, and unplanned shutdowns.

BWSC Governor Reconditioning approach:

Controlled disassembly and inspection

- Full dismantling and cleaning for detailed wear assessment.

Mechanical & hydraulic restoration

- Replacement or reconditioning of worn components to eliminate backlash, friction and leakage.

Calibration and functional adjustment

- Precise recalibration to OEM-aligned speed and load parameters.

Final testing and documentation

- Functional verification with complete technical reporting.



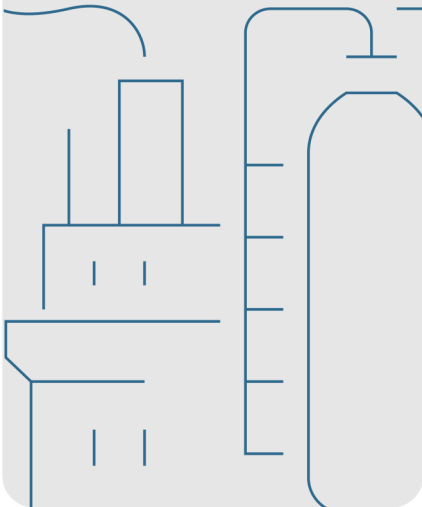
BWSC restores governor performance through wear correction and precision calibration to

OEM standards

Authorized OEM-aligned services

Benefits for your operations

- Restored control accuracy
- Extended life-time
- Reduced lifecycle cost
- Improved engine protection
- Enhanced operational reliability
- Sustainable component recovery



Heinzmann & Regulateurs Europa

BWSC Panama performs governor services in full alignment with OEM standards, using original spare parts and certified service procedures to ensure reliable and consistent results.

Our service include:

- Complete overhaul and calibration
- OEM-compliant testing
- System upgrades and modifications
- Exchange solutions
- Emergency 24/7 support

All work is carried out through structured and quality-audited workshop processes, ensuring compliance with current engineering updates and maintaining the highest standards of performance and reliability.

Workshop & field capabilities

BWSC Panama performs governor services in full alignment with OEM standards, using original spare parts and certified service procedures to ensure reliable and consistent results. This integrated approach ensures reliable governor performance while minimizing downtime under all operating conditions.

Our workshop services include:

- Reconditioning and calibration
- Functional testing
- Upgrades and modifications

Our field services include:

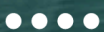
- On-site inspection and troubleshooting
- Commissioning and performance validation
- Time critical emergency response

Operational Excellence

Operating in the Panama Canal requires precision, responsiveness, and reliable execution. BWSC Panama is structured to support time-critical marine and industrial operations where delays are not an option.

By combining advanced workshop capabilities with rapid on-site and onboard services, we ensure efficient project execution, minimized downtime, and seamless coordination from planning through completion.

BWSC



BWSC Panama (workshop and office)

Warehouse NO. 10 - D

Albrook Free Zone

East Marginal Street

Ancon, Panama

P: +507 388 4478

www.bwsc.com

servicesales@bwsc.com.pa