

Mechanical Governor Services

SWTS Pte Ltd
10 Gul Ave
Singapore 629654
DID +65 6909 1189 / Email: derek.sin@swts.com
Automation and Controls Division – Integrated Controls
Website: www.swts.com



Company Profile

Built on the combined rich heritage of Westinghouse innovative repair technology and Siemens modern technology in advanced industrial engineering solutions and systems packaging, SWTS Pte Ltd, formerly known as Siemens Westinghouse Technical Services Pte Ltd, is a pioneer in the repair industry of industrial equipment.

Department History and Service Capabilities

The Prime Mover Controls Services and Solutions Department has been a valuable arm in the evolution of the company since its inception in 1973. With 40 years of unparalleled experience in handling hydraulic and electronic governors for locomotive, industrial power plant, marine, process mills and offshore applications, our trained specialist engineers are capable of providing fast turnaround times in the overhaul and repair of major governor brands such as Heinzmann, Woodward, Regulateurs Europa, Zexel and Yanmar, among others. For the past 40 years, we have been the sole distributor and service facility for Heinzmann and Regulateurs Europa in South-east Asia.



We have a comprehensive inventory of genuine spare parts available to ensure readiness in critical urgent times. Customers are able to choose from a wide and flexible range of service options. This includes governor exchange and replacement programmes, service warranties and field service (troubleshooting, testing, calibration). Our in-house and onsite (during voyage, at anchorage, in shipyard, in premises of industrial plants and mills) services are available round-the-clock and on quick response.

Services for Different Types of Governors (Marine/Land-Based)



Regulateurs Europa

- 1102/1104 (Mech)
- 2221/2800 (Actuator)
- 1115, 2231 (Elect)

Zexel/ Diesel Kiki

- RHD6-MC
- RHD6-PC
- RHD10-MC
- RHD10-PC

Woodward

- SG/PSG
- PGA
- UG8/10

Yanmar

- NZ61

Sale and Repair of Regulateurs Europa Hydraulic, Electro-Hydraulic Governors and Hydraulic Actuators



1102 Type Governor



1500 Type Governor



2221 Hydraulic Actuator



1115 E.Hydraulic Governor



2800 Hydraulic Actuator



2231 Actuator

SWTS Governor Service Centre



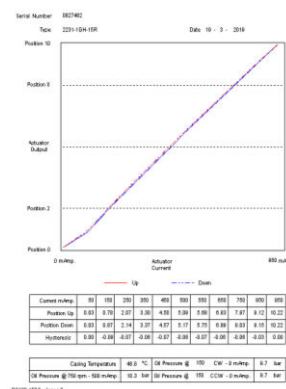
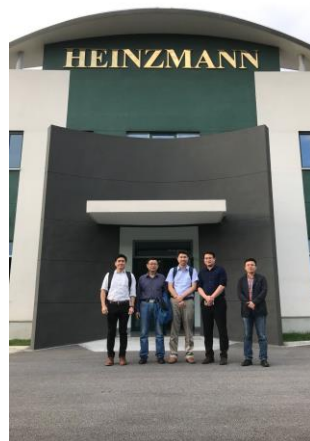
- 2 Levels of Full Testing Facility with Regulateurs Europa, Woodward and Amplifier Test Benches
- Regulateurs Europa AK8 Test Rig with Several Governor Performance Test Options
- Assembly Area with Governor Motor Testing / Repair in Electronics Room



Services Rendered



- Inspection
- Disassembly
- Cleaning
- Overhaul/Repair
- Assembly
- Testing/Calibration
- Packing and Delivery



- Inspection Report
- Solutions
- Parts to Change
- Overhaul Report
- Calibration Report
- To Suit Engine & Application
- Hysteresis Report
- Monitoring of Governor

Engineers are certified with OEM training (Regulateurs Europa – Roden, Heinzmann – Germany)
 Regular Meetings to Upgrade Skills (Heinzmann China)

Inventory



- **Governors and Actuators on Standby**
 - Exchange Programmes
 - Replacement Programmes
 - Emergency Parts Sale
 - Retrofit Solutions
- **Customised to Suit Schedule and Budget**



HEINZMANN®

SiTEC

YANMAR

ZEXEL



- Round the Clock Standby and Quick Response Services
- Troubleshooting/Inspection of Control System/Engine Issues with Solution Recommendations and Provision
- Calibration and Tuning of Governor
- External Adjustment (Air Booster, Tubing, Plugs)
- Governor Exchange Services according to Vessel Schedule
- Transportation, Installation, Removal, Starting Engine
- Training of Ship Crew
- Provision and Delivery of Stocked Spare Parts in Critical Times