

# **INTRODUCTION TO GOLTENS VIETNAM SERVICES**

# **GOLTENS VIETNAM WORKSHOP AT VUNG TAU**



**PLOT AREA: 5900m<sup>2</sup>**

**CONSTRUCTION AREA: 3700m<sup>2</sup>**

**Opening in 27 October 2009!**

# Machines in Goltens Vietnam Workshop



**Lathe Machine ML 1120 x 6000 L**



**Big radial drilling machine Z30 50 x 12**



**Band saw machine - BS-SA 350**



**The Spindle grinding machine**





**Vertical milling machine - MCM -1000/5**



**Honing machine:ID 190 - id 500**



**High speed lathe machine- ML 460 x 1600L**



**Governor Test Bench Table**

# Machines in Goltens Vietnam Workshop





# Machines in Goltens Vietnam Workshop

## WORK SHOP CARBON BAR THREAD MACHINING- VUONG NHAN -VUNG TAU

### WORKSCOPES CONSISTED OF:

1. Arrangement of long lathe machine, equipment and labor to carry out machining the thread of carbon bar in good order.
  2. Carried out Thread fitting and properly tightening in the presence of QC plant.
  3. Carried out Stern tube Port and STBD side centerline laser alignment: checking and recording.
- Carbon Bar: Ø560mm x 4,000mm length x 20 pcs.

### MACHINING RESULTS

Goltens technicians completed this job relative to the finite tolerance requirements and the customers were very satisfied.

### PROJECT FACTS:

<b>Vessel:</b>	<b>VN_VT</b>
<b>Item:</b>	<b>Carbon Bar machining</b>
<b>Location:</b>	<b>Goltens Workshop - Vietnam</b>
<b>Carbon Bar :</b>	<b>ø560mm x 4meter length x 2pcs</b>



# In-situ Machining

With In-situ machining, Goltens can offer a quicker and more economical solution compared to the complete dismantling of machinery. These tools are capable of carrying out an extensive range of in-situ machining services.



***We can also carry out in-situ machining on the followings:***

- Intermediate shaft journals
- Propeller shafts, Thrust shafts
- Engine block landings surface
- Line Boring of Engine Main Bearing Pockets
- Winch brake drums and shafts
- 2-stroke engine cylinder liners
- Pipe flanges, foundations



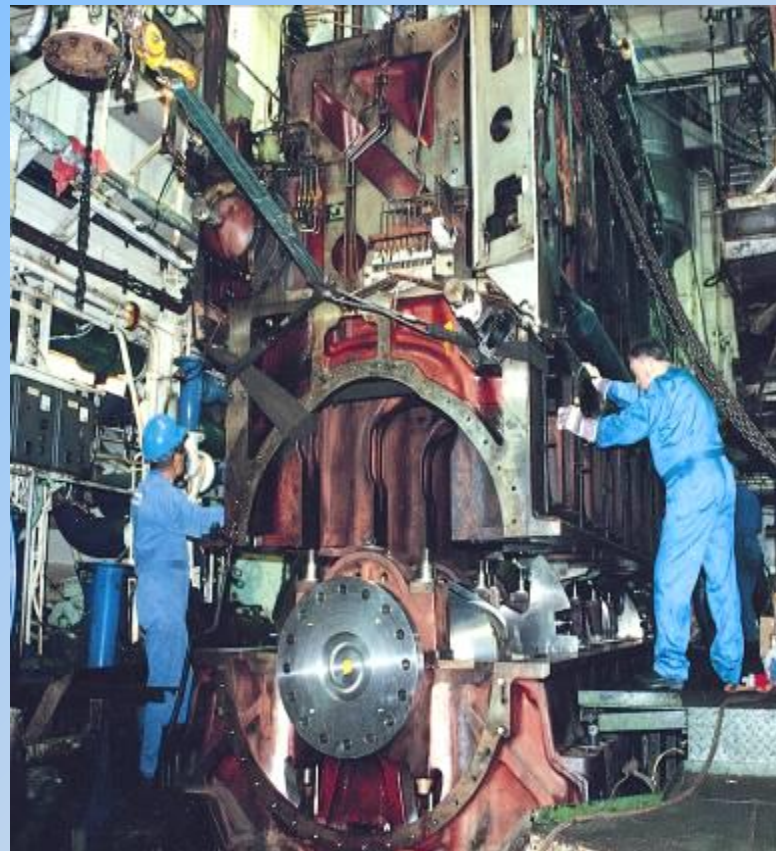


# Diesel Engines

**Diesel engine repair and services - Routine maintenance trouble shooting and repair.**

***Engines attended to:***

- All medium and slow speed engines
- 2 stroke and 4 stroke
- Main propulsion
- Auxiliary engines
- Stationary engines
- Skid mounted generator sets
- Retrofit / new installations





# Woodward Governor Repair & Technical Services

- Onsite Technical Assistance
- Application Support
- 24 Hr Field Services

- Authentic Woodward Test Stand
- In house & Onsite Repair Services
- Guarantee



Woodward Test Bench

- Goltens have access to the latest Woodward governor tools.
- The latest Woodward specifications data, material lists, manuals, testing procedures and other Woodward's other proprietary technical information.



# Woodward Governor Repair & Technical Services

PM CONTROL SYSTEMS PTE LTD

Central Distributor (South East Asia) for

WOODWARD INC



hereby appoints

Goltens Vietnam CO. LTD Branch Office  
Vung Tau, Vietnam  
as an

**AISF (Authorized Independent Service Facility); Reseller**  
for Servicing, Maintenance, Repair and Replacement of Woodward Engine and Turbine Controls;  
for reselling of Woodward's Engine Systems, Electrical Power Systems  
and Industrial Turbine Systems Products

Effective Date : 01st January 2018  
Expiry Date : 31th December 2019  
Reference no. PMC/CPCERT/076



Nicholas Chia, General Manager For PM Singapore



AISF certificate.



# Woodward Governor Repair & Technical Services



Governor Workshop

# **Woodward Governor Repair & Technical Services**



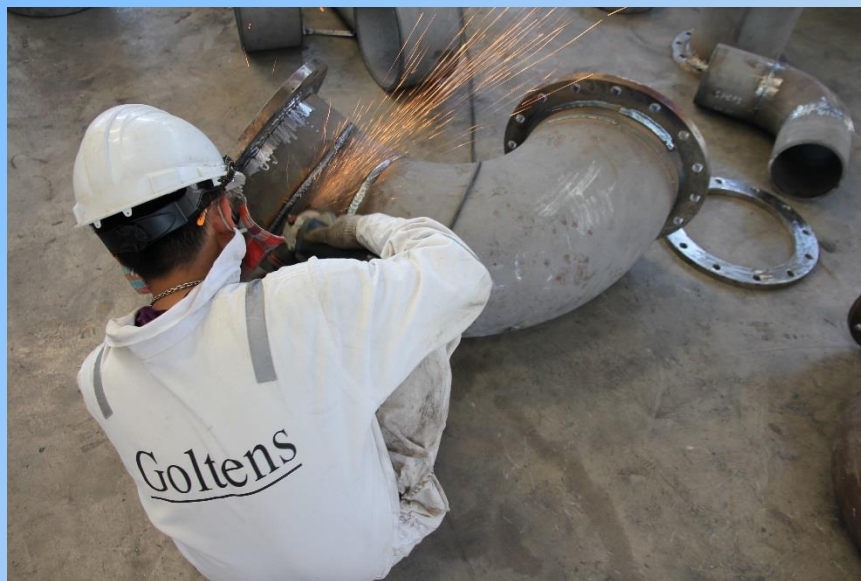
Woodward Test Bench



In Bay and Out Bay Governor



# PIPING FABRICATION IN WORKSHOP



# Automation Services Maintenance & Repair

## OUR SOLUTIONS:

- Operation services & Maintenance for controlling and monitoring systems of PCS, DCS, PLC/SCADA, F&G, ESDS...
- Pre-commissioning, offshore commissioning, FAT, SAT, installation and interconnection equipment, new control systems such as Fire & Gas, Gaslift, Process Control System, so on.
- Designing, programming, installing, onshore commissioning and start-up controlling and monitoring systems (Siemens, AB, HIMA,..)





# Automation Services Maintenance & Repair

- Integrated Control and Safety Systems (ICSS).
- Emergency Shutdown System - Safety Shutdown Systems (ESD/SSD).
- Public Address/General Alarm Systems (PAGA).
- Verification, calibration and reparation of electric, pressure, temperature, flow measuring equipment Test and maintenance transmitters: DPT, FT, PT, TT...



# ALIGNMENT & CHOCKING

Being an exclusive service agent of ITW Philadelphia for **Chockfast Orange®**, Goltens Vietnam offers a quick, dependable and accurate system for alignment and chocking.

## Parts that generally need attention:

- Main Engines
- Aux. Engines with Alternators
- Stern Tube & Intermediate shaft bearings
- Steering Gear
- Winches
- Crane Rails



**ITW Polymer Technologies**

## Goltens Vietnam can offers stock of:

- Chockfast Orange, Blue and Black
- Specially trained and licensed Technicians to carry out alignment and chocking
- Trained Engineers to carry out weight calculations and measurements.
- Special tools, devices and lasers to check and verify alignment.





# HYDRAULIC & MACHINERY SERVICES

Our Hydraulic Department covers all aspects of repair, reconditioning, service and maintenance of marine, oil and gas industrial installations such as:

- Electro Hydraulic Cranes
- Towing Winches
- Mooring winches
- Anchor Windlass
- Thruster (Electro & Diesel Driven)
- Tank Control System
- Cargo Grabs
- Steering Gear
- Valves (Global, ball, Gate)
- Boiler repair



# Rebabbiting

More than 30 years ago, Goltens designed the hydraulic centrifugal babbiting machine. Since then we have babbitted over 100,000 bearings and stern tubes using specially developed tools, equipment and procedures making us the Industry's foremost expert.



## Typical Parts For Remetalling:

- Main & Crankpin Bearings
- Crosshead Bearings
- Turbine Bearings
- Pump Bearings
- Intermediate Bearings



- Main Gear Bearings
- Stern Tube Bearings
- Thrust pads for main shaft, turbines and crankshaft



# NEW / RECONDITIONED SPARE PARTS

**Goltens offer and supply a wide range of spare parts for marine diesel engines, electrical equipment and pumps from Makers, other specialized suppliers and OEMs manufacturers.**

- Diesel Engine – Genuine / OEM Japanese and European Made Spare Parts:  
*Daihatsu, Yanmar, Hanshin, Mitsubishi, Akasaka, Makita, Niigata, MAN B&W, Sulzer, Pielstick, Deutz, MAK*
- OEM manufactured bearings in standard / oversize / undersize.
- A comprehensive exchange pool of fully reconditioned 2- stroke piston crowns / exhaust valve spindles / seats for exchange basis.
- Stockist for Secondhand spares – Engine complete, crankshafts, engine block, bedplate, connecting rods, cylinder liner.





# AUTHORIZED SALES & SERVICE DISTRIBUTORS



Galley Equipment



Galley Equipment



Helidecks



Chockfast Grouting



Marine Waste Compactors





# Goltens Vietnam

**Thank you  
for your time  
and  
kind attention**

