



**VISTA  
AUTOMATION**



**Generator**



**Switch Gear**



**Transformer**



**Motor**

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# VISTA AUTOMATION

We are specialist in marine switch electric system in Singapore mainly Korea made electrical systems. We deliver a reliable, efficient and safety conscious service for maintenance, upgrading and repair with a clear objective of keeping your vessel in peak operation. We are reliable partner for providing service, maintenance and repairs at the shipyard and port. We deliver our professional service across all standards, ensuring all your ship systems work safely.

## 6.6KV Switch Board Maintenance

We are providing the professional maintenance and testing electrical service as below

- Gauge calibration
- Switch board Cleaning & Inspection / Bus bar inspection
- Trouble Shooting  
(VI Check, Contact resistance Check, Open/Close Timing check)
- Protection Relay Testing and Inspection
- VCB Maintenance and Testing

## 440V Switch Board Maintenance

- PMS General inspection & Protection relay testing (ACONIS, PRAXIS, KT, SAMSUNG, ETC.)
- ACB Maintenance and Testing (Hyundai Electric, LS, Merlin gerin, Terasaki )
- Gauge calibration
- Pump Auto Change Unit test & Inspection, Repair
- Switch board Cleaning & Inspection/ Bus bar inspection
- Trouble Shooting

## Generator Overhaul & Inspection

- Overhaul Generator and Internal inspection
- AVR Equipment Testing and inspection
- Generator Bearing Overhaul and inspection
- Generator Rewinding (Land or Onboard)
- Trouble Shooting

## Other Electrical Services

- Any control panel Modification and Cable wiring (Engine control console, Bridge Control console, Cargo control console)
- Boiler Automation Trouble Shooting (Kang-Rim, AALbog, Sakke, ETC.)
- Main engine, Generator, Boiler Safety Device Testing and Calibration
- Megger Test for Generator or Motor
- 12V, 24V Battery Quality Test
- Heat shrink Joint for High Voltage Cable
- Supply Electrical Materials from Korea (Any Maker)

## Thermography Survey

Thermography is a method of inspecting electrical and mechanical equipment by obtaining heat distribution pictures. We Providing a precise diagnosis of the problem professionally by Thermographic survey

## Inspection for Electrical Equipment

Switch board, Group start panel Inspection (Bus bar Connection, Cable connection, Relay, Timer, Transformer Overheating Detection)

## Inspection for Engine Room and Machinery

Machinery and Exhaust Pipe Insulator Inspection  
Regulations "According to SOLAS, Ch.11-2, reg. 15.2.10 and IACS rules for classification of ships, all surfaces above 220°C are to be insulated or otherwise protected in order to avoid ignition of flammable fluids"

## Electrical Spare Parts (Original from Korea Factory and Agents)

- MCCB
- Relays
- ACB
- VCB
- Generator AV Unit



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