 electro
controls





ABOUT US

Electro Controls Offers Comprehensive Solutions From Panels (electrical Switchboards) To Control Systems To Automation, Including Design, Assembly, And Delivery. We Offer End-user And/or Third-party Inspections Including IRS /RINA / DNV-GL / BV et al. We Are Authorized System House For Siemens Automation Products, Omron Industrial Automation Products, And Schneider Certified Expert For Critical Power And Distributor For Other Schneider Switchgear. Whether It Is A Turn-key Project That You Need Or Updating Your Existing System, We Can Build A Custom Solution That Suits Your Needs. Over The Last Few Decades, The Company Has Rapidly Grown And Manufactures All Types Of Switchboards And Panels For Various Types Of Applications And Industries Including Marine Applications. With A Turnover Exceeding Rs. 100 Million And Over 30 Years Of Service, We Strive To Maintain Our Reputation With Cutting Edge Solutions As The Leading Panel Builders And Industrial Automation Providers In The Goa Region.

PRODUCTION DIVISION

PRODUCT RANGE

- MOTOR CONTROL CENTERS
- POWER CONTROL CENTERS
- AUTOMATIC POWER FACTOR IMPROVEMENT PANELS
- AUTOMATIC MAINS FAILURE PANELS
- EQUIPMENT CONTROL PANELS
- CONTROL DESKS
- EQUIPMENT CONTROL PANELS
- DISTRIBUTION BOARDS
- SWITCHBOARDS FOR USE ON-BOARD MARINE VESSELS
- STEERING GEAR PANELS FOR IV & MV VESSELS
- STARTER PANELS
- NAVIGATION LIGHT PANELS & MAIN SWITCH BOARD PANELS

INDUSTRIES SERVED

- CHEMICAL & PLASTICS
- PHARMACEUTICAL
- ENGINEERING
- HOTEL
- FOOD PROCESSING
- METALLURGICAL
- MINING
- MATERIAL HANDLING
- SHIP BUILDING

MILESTONE OF OUR COMPANY

ESTABLISHMENT OF
ELECTRO CONTROLS

SCHNEIDER
AGENCY

TURNOVER OF
3.7CR

WINNER OF
OMRON GROWTH AWARD

TURNOVER OF
> 10 CR

TURNOVER OF
2 LAKHS

OMRON AGENCY

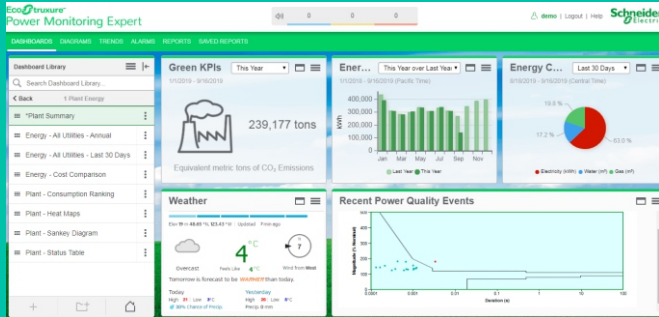
SIEMENS AGENCY

WINNER OF SIEMENS
GROWTH AWARD

AUTOMATION DIVISION

MANUFACTURING

- IMCC
- VFD PANELS
- PROCESS AUTOMATION PANELS
- MACHINE AUTOMATION PANELS
- CONTROL PANELS

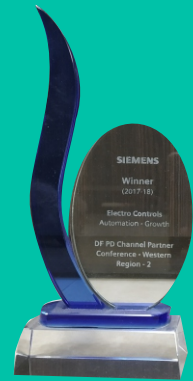


SYSTEMS

- INSPECTION/ VISION SYSTEMS
- ENERGY MONITORING SYSTEMS
- DRIVE SYSTEMS
- WIRELESS COMMUNICATION SYSTEMS



TRADING PORTFOLIO



OMRON AUTOMATION PRODUCTS

- PROGRAMMABLE LOGIC CONTROLLERS (PLC)
- VARIABLE FREQUENCY DRIVES (VFD)
- HMI
- SCADA
- POWER SUPPLIES
- ERVO MOTORS & DRIVES
- SENSORS
 - o PROXIMITY SENSORS
 - o PHOTOMICRO SENSORS
 - o PHOTOELECTRIC SENSORS
 - o DISPLACEMENT SENSORS
 - o LASER SENSORS
- APPLICATION SPECIFIC SENSORS
 - o TEMPERATURE CONTROLLERS
 - o LEVEL CONTROLLERS
 - o COUNTERS
 - o TIMERS
 - o ENCODERS
 - o LIMIT SWITCHES
 - o VISION SYSTEMS
 - o SAFETY DEVICES
- SAFETY RELAYS
- SAFETY MAT
- SAFETY CONTROLLERS
- CURTAIN SENSORS
- AREA SENSORS
- RELAYS
 - o GENERAL PURPOSE RELAYS
 - o SOLID STATE RELAYS (SSR)
 - o PCB RELAYS
 - o VOLTAGE & CURRENT SENSING RELAYS

SCHNEIDER ELECTRIC PRODUCTS

- INDUSTRIAL AUTOMATION PRODUCTS
 - o VARIABLE FREQUENCY DRIVES (VFD)
 - o PLUG-IN RELAYS
 - o POWER CONTACTORS
 - o HEAVY DUTY CAPACITOR
 - o MCB, MCCBS, MPCBS, RCBS AND ACCESSORIES
 - o VARIO SWITCH DISCONNECTORS AND ACCESSORIES
 - o CONTROL AND SIGNALLING UNITS
 - o CONTROL STATIONS AND ENCLOSURES
- POWER MONITORING SOLUTIONS METERING PRODUCTS
 - o POWER METERS FROM BASIC METERING TO UTILITY & GENERATING STATION METERING
 - o SMART DEMAND CONTROLLER
 - o ETHERNET COMMUNICATION GATEWAYS AND METERS

SIEMENS AUTOMATION PRODUCTS

- PROGRAMMABLE LOGIC CONTROLLERS (PLC)
- VARIABLE FREQUENCY DRIVES (VFD)
- HMI / IPC
- SCADA
- POWER SUPPLIES
- SERVO MOTORS & DRIVES
- RFID SYSTEMS
- WIRELESS COMMUNICATIONS




TYPE TEST CERTIFICATE

THIRD PARTY INSPECTION

CENTRAL POWER RESEARCH INSTITUTE
(Member of STL)

TEST REPORT

Test Report Number: SC14118A Dated: 11th March, 2014

Name & Address of the Customer: M/s. Electro Controls, D3-14, Sancoale Industrial Estate, Zuarinagar, Goa - 403 726.

Name & Address of the Manufacturer: M/s. Electro Controls, D3-14, Sancoale Industrial Estate, Zuarinagar, Goa - 403 726.

Particulars of sample tested: Low-voltage switchgear and controlgear assembly- 415 V 400 A LT MCC Panel

Condition of the sample on Receipt: New

Type: MCC Panel

Serial Number (s): 03-1403-01

Number of samples tested: One

Date (s) of test (s): 07th March, 2014

CPII sample code no(s): SC1430269

Particulars of tests conducted: Verification of short-circuit withstand strength

Test in accordance with Standard / specification: Sub-clause 8.2.3.3 of IS 8623 (Part 1):1993 / IEC Pub.438-1 (1985) (Reaffirmed 2004)

Not applicable: 50 KA rms for 1.0 s & 105 KA peak on phase bus-bars

Sampling plan: None

Customer's requirement: None

Deviations if any: None

Name of the witnessing persons: Mr. Paresh S. Kenkre, Manager Engg.

Customer's representative: None

Other main customer's representatives: None

Test subcontracted with: None

Documents constituting this report (in words): Five

Number of sheets: Two

Number of diagrams: Two

Number of photos: Two

Number of test circuit diagrams: Four

Number of drawings: None

Test Engineer: *K. Prasad*

Joint Director: *Deen*

Sheet 1 of 5

Page 1 of 2

Certificate number: 1001000110

The certificate depicts the result of the software.

BUREAU VERITAS

Marine & Offshore

CERTIFICATE FOR SWITCHBOARD AND COMPONENTS

Applicant: LOURINCO MARINE (PVT) LTD

Manufacturer: ELECTRO CONTROLS (Zuarinagar - IND)

Manufacturer's ref. No.: LMN010010-01001003

Supplier: Marine Control Systems (Singapore) Pte Ltd (SINGAPORE - SGP)

Supplier's ref. No.: MCSR-10311713

Purchaser: M/s. Electro Controls (Goa - IND)

Purchaser's ref. No.: MCSR-10311713

Product description: 2.2kW Single Motor Steering Gear Control Panel

Design review: 32001P

Quantity: 4 pcs

Type of product: Bureau Veritas Rules for the Classification of Steel Ships July 2009

Product description (continued): 2.2kW Single Motor Steering Gear Control Panel

Design review (continued): 32001P

Quantity (continued): 4 pcs

Type of material: Carbon Panels & Junction boxes

Drawing number & revision: 103-1070101

Declared as intended for: 02 Reg. No. 2801P

Price / Serial number(s): 04 Pcs

Enclosures / Remarks:

This certificate is issued by Bureau Veritas Marine & Offshore as per the above Classification Rules and in compliance with the applicable technical requirements therein.

Marking: 0-81 Next to Serial No. Type plate

Last survey: 26 Jul 2019

Surveyor: Hrishank Sahu

Issuance date: 30 Jul 2019

Office: IND GDA

Form No.: MC-001 (Rev-2)

CERTIFIED COPY

Indian Register of Shipping

CERTIFICATE FOR COMPONENTS

Navy Station : GDA

Certificate No.: MRGDR-099

Date: 19/10/2018

This is to certify that at the request of M/s. Electro Controls, Zuarinagar, Goa the undersigned member to this society issued this certificate in accordance with the provisions of the Indian Register of Shipping Act, 1951 and the Indian Register of Shipping Rules, 1952 and intended for use on board a vessel.

ITEM DESCRIPTION: DETAILS

No.	Description	Manufacturer's St. No.
1	415V, 3 Ph, 30 Hz, Steering Gear Control Panel	18036-01,011
2	415V, 3 Ph, 30 Hz, Steering Gear Control Panel	18036-01,012
3	415V, 3 Ph, 30 Hz, Steering Gear Control Panel	18036-01,013

The following examination was carried out on the above mentioned items using calibrated instruments and in accordance with IS 9001:2015 approved by Govt. of India.

- Visual examination and dimension check.
- Verification of components and its rating.
- Insulation Resistance test before and after H.V. Test.
- High Voltage Test at 2 kV as applicable for 1 minute - between Phase to Phase and Phase to Earth.
- Final test as "No Load".

The above equipment is considered suitable for use on board a vessel, classed or intended to be classed with the society provided it is installed and tested to the requirements of the Society's rules and regulations.

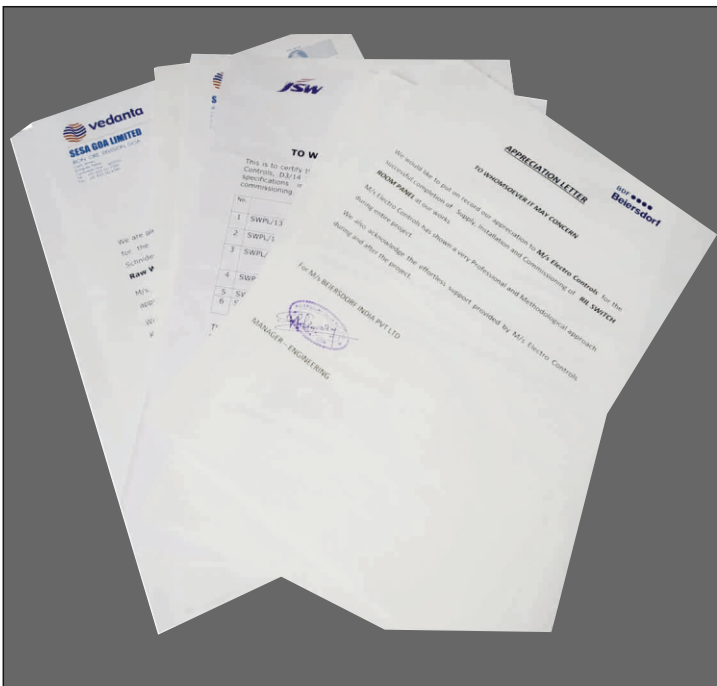
Remarks: Nil

Identification / Location: For the purpose of identification, the panels and tally plates have been stamped as "MRGDR-099"

SUK

Srinivas Kumar
For Self and Sand Kumar N
Surveyors to Indian Register of Shipping

TESTIMONIALS



The Quality, Workmanship, Documentation, Performance And After Support Are Very Good And Are To Our Satisfaction
----- M/S JSW SOUTH WEST PORT

M/s. Electro Controls Team Has Adopted Very Professional & Methodical Approach In Completion Of The Project. We Are Happy To Be Associated With Them
-----ASSOCIATE GENERAL MANAGER – ELECTRICAL - M/S VEDANTA

M/s. Electro Controls Team Has Shown A Very Professional & Methodological Approach During Entire Project. We Also Acknowledge The Effortless Support Provided By Them During And After The Project
-----MANAGER – ENGINEERING - M/S BEIERSDORF INDIA PVT LTD

OUR CONTACT DETAILS

ADDRESS: ELECTRO CONTROLS,
D3/14, SANCOALE INDUSTRIAL ESTATE,
ZUARINAGAR, GOA -403726
MOBILE: +91-9960638583
EMAIL: pareshkenkre@electrocontrols.co.in
WEBSITE: www.electrocontrols.co.in

