



IS PROUD TO PRESENT

WAVES ELECTRONICS

AS ONE OF THE

TOP 10

MANUFACTURERS IN KERALA - 2021

*in acknowledgement of its unwavering focus and dedication
to achieve excellence in quality and delivery in this field.*

Sudhakar Singh

Sudhakar Singh
Managing Editor
Industry Outlook



Rolls-Royce

Rolls-Royce – Naval

Certificate of Approval

This is to certify that

Waves Electronics Pvt. Ltd.
Kerala – India

Is an approved SABRe supplier to Rolls-Royce Naval for the scope specified: -

- (O2 Electrical Assembly)

Vendor Number: TBA

Approval Number: ARFNAV093

Issue Date: 01 September 2017

Expiry Date: 5 years from date of issue

Ian Pullin

Global Supplier Quality Manager - Naval

No. DQAN/REGN/04/18

Control No. N1805480A



Quality Sentinels of the Navy

GOVERNMENT OF INDIA
MINISTRY OF DEFENCE

DIRECTORATE GENERAL OF QUALITY ASSURANCE
DIRECTORATE OF QUALITY ASSURANCE (NAVAL)


RENEWAL CERTIFICATE


1. This is to certify that M/s Waves Electronics Pvt.Ltd at 155B, Alapatt, 15th Lane, Toc H Road, Vyttila, Cochin, Kerala-682019 is found capable of ~~Production / Development and Production~~ / Design, Development and Production of defence stores as indicated overleaf and is registered for the same.
2. The details of registration certificate are as follows:-

(a)	Registration Number	DQAN/REGN/04/18
(b)	Control No.	N1805480A
(c)	No. of items for which registered	17 items
(d)	Monetary Limit	Rs 7.76 Crores/Year,
(e)	Type of Suppliers	MSME Scale
(f)	Grading of supplier	Grade-I
(g)	Validity up to	08 May 2024

(Atul Khanna)
Rear Admiral
Addl. DGQA(Naval)

Date : 09 May 2021

Prepared by: 

Checked by: 


No. DQAN/REGN/04/18/A

Control No. N1805480A

M/s Waves Electronics Pvt.Ltd, Cochin

Sl. No.	NOMENCLATURE & DETAILS OF STORE(S)	SPECIFICATION	MPC*
1.	Main Switch Board	EED-Q-264/IN	05 Nos
2.	Emergency Switch Board	EED-Q-264/IN	05 Nos
3.	Weapon Switch Board	EED-Q-264/IN	05 Nos
4.	EDCs	EED-Q-264/IN	05 Nos
5.	Automated Power Management System(APMS)	EED-Q-264/IN	05 Nos
6.	Starters / Control Panels and Soft starters	EED-Q-071(R4)	50 Nos
7.	Auto Change Over Switch	EED-Q-264	05 Nos
8.	Navigation Light Control Panel	EED-Q-262(R1)	05 Nos
9.	Microprocessor Based Navigation Light Control Panel	EED-Q-262(R1)	05 Nos
10.	Transformers (Including Isolation Transformer)	EE-50-16(4 wire) DEF STAN 02-535 (03 wire)	10 Nos
11.	Distribution Board	EE-50-18	10 Nos
12.	Junction Boxes	EE-50-18	50 Nos
13.	Power Panels	EE-50-18	05 Nos
14.	Trans Rectifiers	EE-50-34	20 Nos
15.	Single Phase Thyristor based Battery Charger	EE-50-35	20 Nos
16.	Three Phase Thyristor based Six/Three Pulse battery charger	EE-50-35	10 Nos
17.	SMPS based Battery Charger	EE-50-35	20 Nos

* Monthly Production Capacity (MPC) indicated above for single shift production.

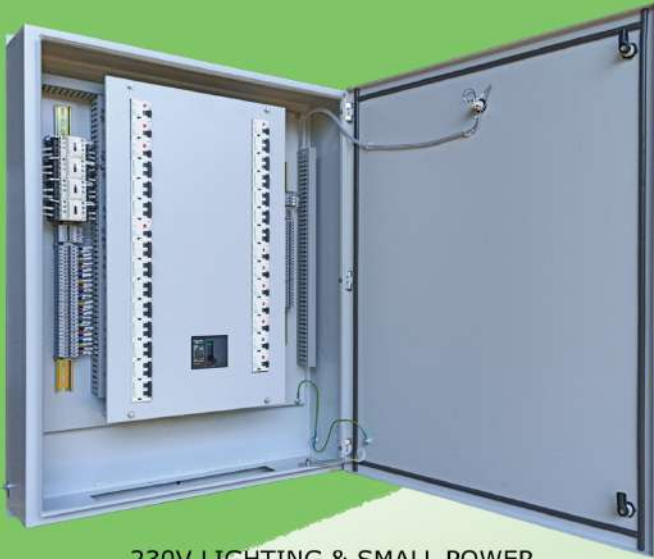

(Atul Khanna)
Rear Admiral
Addl. DGQA(Naval)

Date : 09 May 2021

Note: -

1. The firm is to apply for renewal of registration on the prescribed form at least 90 days before expiry of registration.
2. The registration of the firm will expire after initial validity period of registration in case of non submission of application for renewal as per para 1 above.
3. Any changes in address, constitution of the firm, major machinery or technology used for registered products should be intimated to registering authority.

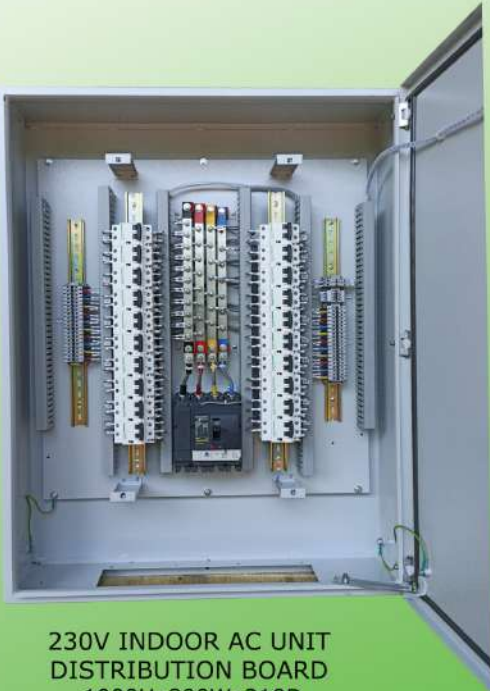
DISTRIBUTION BOARD ASKO PROJECT



230V LIGHTING & SMALL POWER
DISTRIBUTION BOARD
1000Hx800Wx210D



230V MISCELLANEOUS POWER
DISTRIBUTION BOARD
1000Hx550Wx210D



230V INDOOR AC UNIT
DISTRIBUTION BOARD
1000Hx800Wx210D



230V UPS
DISTRIBUTION BOARD
600Hx550Wx210D

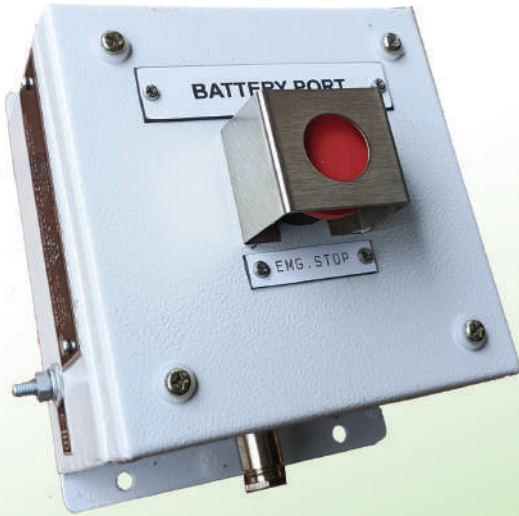


WAVES

Quality power
to the point

Waves Electronics Pvt. Ltd.
Kizhakkambalam-683562
Email : waves72@gmail.com
Web : www.waveselectronics.com

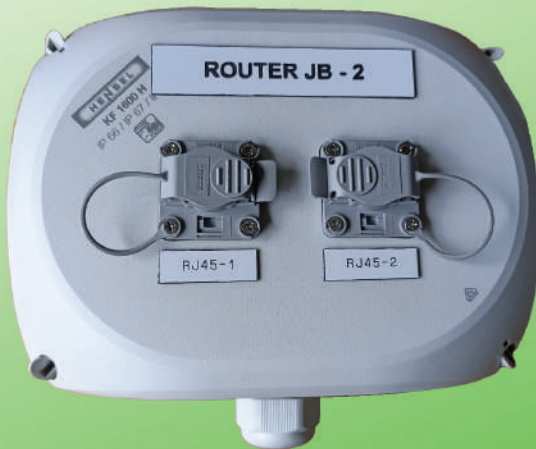
ASKO PROJECT



Emergency Stop Switch



Remote Start / Stop Push Button Station



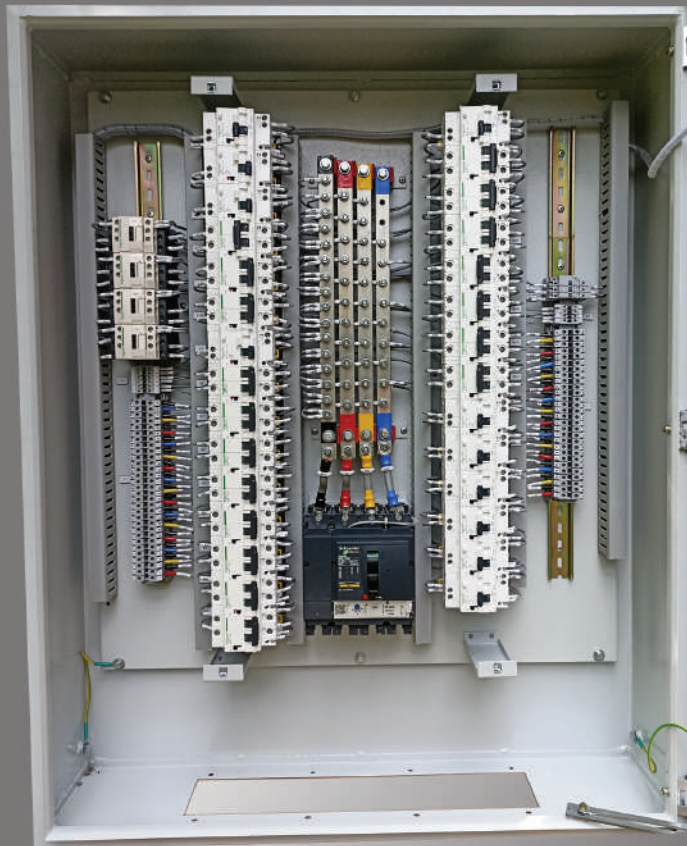
Polycarbonate Junction Box with RJ45 connector



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**230V LIGHT AND SMALL
POWER DISTRIBUTION BOARD
COCHIN SHIPYARD LIMITED
ASKO AUTONOMOUS BARGE BY 146-147**



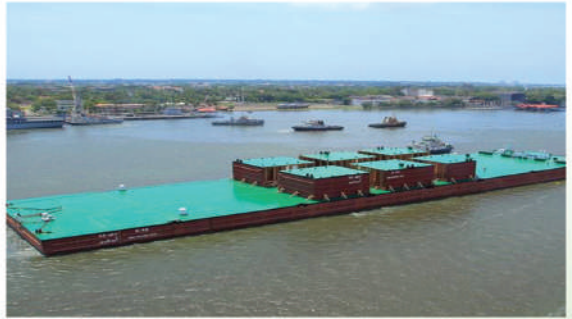
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Expedition with our Panels



INS Vikrant First Indigenous Aircraft Carrier
Designed & Built by Cochin Shipyard Limited
for the Indian Navy Certified by DGQA



Largest Barge Designed & Built by Cochin
Shipyard Limited for National Petroleum
Construction Company (NPCC) Abu Dhabi
Certified by ABS



CIAL Vembanad Powered by Sun Designed &
Built by Samudra Shipyard Pvt. Ltd. for CIAL
Certified by IRS



Floating Border Out Post (FBOP) Vessels
Designed & Built by Cochin Shipyard Limited
for BSF Certified by IRS



World's Largest Fleet of Electric Ferries
Designed & Built by Cochin Shipyard Limited
for Kochi Metro Certified by DNV & IRS



Trailing Suction Hopper Dredger 1700 Cu.M
Capacity Designed & Built by Cochin
Shipyard Limited for DCI Certified by IRS



SCI Pawan Anchor Handling Tug Supply
Vessel Designed by STX OSV Norway for SCI
Certified by ABS & IRS



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SAILING SAFE ON DOMESTIC AND INTERNATIONAL WATERS

WITH STATE OF THE ART ELECTRICAL AND ELECTRONIC SOLUTIONS FROM WAVES



NLCP for INS Vikrant 1st Aircraft Carrier
 Certified by DGQA for Indian Navy



MSB for The biggest Barge Certified by ABS
 for National Petroleum Construction Company
 Abu Dhabi



AC Switch Board for CIAL Vembanad
 Solar Powered Certified by IRS for
 Cochin International Airport Limited



MSB for Floating Border Out Post (FBOP)
 Vessels Certified by IRS for BSF



MSB for World's Largest Fleet of Electric
 Ferries Certified by DNV & IRS for
 Kochi Metro



MSB for 1700 Cu.M Capacity Trailing Suction
 Hopper Dredger Certified by IRS for DCI



MSB for Anchor Handling Tug Supply Vessel
 Designed by STX OSV Norway Certified by
 ABS & IRS



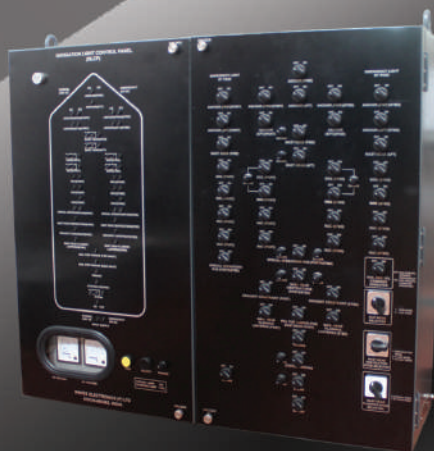
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Navigation Light Control Panel



Relay Based NLCP
Indian Navy (MO-Vizag) Project
Certified by DGQA
600Hx450Wx275D



PLC Based NLCP
Indian Navy INS Vikrant Aircraft Carrier
Certified by QAEN(Kochi)
880Hx1000Wx300D



Relay Based NLCP
Indian Coast Guard
Certified by IRS
350Hx450Wx250D



Microprocessor Based NLCP
Indian Navy Landing Craft Unit
Certified by DGQA
800Hx600Wx350D



PLC Based NLCP
Indian Coast Guard
Certified by ABS
500Hx600Wx100D



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NLCP FOR INS VIKRANT



NAVIGATION LIGHT CONTROL SYSTEM FOR INS VIKRANT

1st AIRCRAFT CARRIER DESIGN & BUILT BY COCHIN SHIPYARD LTD. FOR INDIAN NAVY, CERTIFIED BY DGQA



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BEST UPCOMING FIRM (2020-21)
M/S WAVES ELECTRONICS
PRESENTED BY - QAE(N), KOCHI

The Independent Jury of
Destination Kerala
SME Excellence Awards Programme 2018
is pleased to present

**M/s. Waves Electronics
Ernakulam**

with the

www.destination-kerala.com

Destination Kerala
Entrepreneurship. Economy. Excellence.



**SME EXCELLENCE
AWARDS 2018**

in the **Electronics/Electrical Engineering** category
in recognition of their outstanding performance
during the year 2018

Resolved that the Independent Jury of Destination Kerala SME Excellence Awards Program 2018 – Mr. Anand Sarma, Director, KPMG India; Ms. Lekha Balachandran, MD, ResiTech Electricals (winner 2017); Mr. Rajesh Nair, Associate Partner-Markets, South India, EY and Immediate Past President, TiE Kerala and Mr. Vivek Krishna Govind, Senior Partner, Varma & Varma Chartered Accountants and Immediate Past President, Kerala Management Association – unanimously offers heartiest congratulations to the management and staff of M/s. Waves Electronics, Ernakulam, for this very deserving award and wishes the team the best in all future endeavours.

Signed and sealed on this day the 7th of December 2018.

A handwritten signature in black ink, appearing to read 'Jose Kunnappally'.

Jose Kunnappally
Editor