



Indian Register of Shipping

Certificate No.: 11 WC 118

AMENDED

CERTIFICATE OF APPROVAL OF WELDING CONSUMABLES FOR USE IN SHIP CONSTRUCTION

This is to Certify that the electrode described below has been tested in accordance with the Society's requirements and is being retained in the approved list of consumables for Welding in Ship Construction.

NAME OF MANUFACTURER : **RASI ELECTRODES LTD.**
**44/4, STROTTEN MUTHIA MUNDALI
STREET, CHENNAI-600 079**

TYPE OF ELECTRODE : **COATED ELECTRODE FOR MANUAL ARC
WELDING**

TRADE NAME : **RASI E 7018 LH**

WELDING POSITION : **ALL POSITIONS EXCEPT VERTICAL
DOWNWARD**

GRADE : **3YH**

SIZE (dia.) mm : **2.5 TO 5.0mm**

CURRENT TYPE : **DC (+ ve)**

Place : Mumbai
Date : 20.09.2011


C. SRIRAMAMURTHY
Chief Surveyor

This certificate replaces Cert. No. 98WC190 dated 16.07.1998

The validity of this certificate is subject to Annual Approval being carried out in **FEBRUARY** every year and the attachment to this certificate being endorsed by the Society's Surveyors.

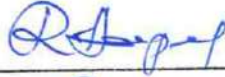
See overleaf for conditions of issue of this Certificate

Indian Register of Shipping

Attachment to Cert. No. : 11WC118

The validity of this Certificate is renewed on satisfactory completion of Annual Approval in accordance with the Society's Rules.

Signature



Surveyor's Name

R. HARI PRASAD

Port

CHENNAI

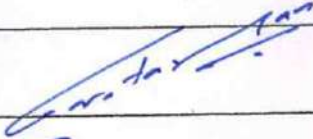
Date

30/09/2020



IRS Stamp

Signature



Surveyor's Name

G. NATARAJAN

Port

CHENNAI

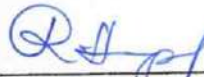
Date

05/10/2021.



IRS Stamp

Signature



Surveyor's Name

R. HARI PRASAD

Port

CHENNAI

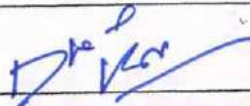
Date

31/10/2022



IRS Stamp

Signature



Surveyor's Name

DHIRAJ KUMAR

Port

CHENNAI

Date

15/09/2023



IRS Stamp



Indian Register of Shipping

The validity of this Certificate is renewed on satisfactory completion of Annual Approval in accordance with the Society's Rules.

Signature R. Bala Murugan
Surveyor's Name BALA MURUGAN R
Port CHENNAI
Date 17-09-2024



Signature _____
Surveyor's Name _____
Port _____
Date _____

IRS Stamp

Signature _____
Surveyor's Name _____
Port _____
Date _____

IRS Stamp

Signature _____
Surveyor's Name _____
Port _____
Date _____

IRS Stamp



Indian Register of Shipping

Certificate No.: MDR22WC026

CERTIFICATE OF APPROVAL OF WELDING CONSUMABLES FOR USE IN SHIP CONSTRUCTION

This is to certify that the electrode described below has been tested in accordance with the Society's rule requirements and is being included in the approved list of consumables for Welding in Ship Construction.

NAME & ADDRESS OF MANUFACTURER : RASI ELECTRODES LTD
A/14,
RAMS APARTMENTS
RAJAANNAMALAI ROAD
PURASAWALKKAM
CHENNAI 600084
TAMILNADU
INDIA

TYPE OF ELECTRODE : SOLID WIRE (COPPER COATED)/GAS SHIELD

TRADE NAME : RASI CO2 (ER70S-6)

WELDING POSITIONS : All except Vertical Downwards

GRADE : 3Y

SIZE (dia.) mm : 0.8-1.2

CURRENT TYPE : DC (+ ve)

Place : Mumbai

Date : 10/03/2023

Tapesh Ghosh

Head of Department
Ships and Technical Services
Indian Register of Shipping

The validity of this certificate is subject to Annual Approval being carried out in **September** every year and the attachment to this certificate being endorsed by the society's Surveyors.

See overleaf for conditions of issue of this certificate



Indian Register of Shipping

The validity of this Certificate is renewed on satisfactory completion of Annual Approval in accordance with the Society's Rules.

Signature K. Sathyanarayanan
Surveyor's Name K. Sathyanarayanan
Port Chennai
Date 15/09/2023



Signature R. Bala Murugan
Surveyor's Name BALA MURUGAN R
Port CHENNAI
Date 17-09-2024



Signature _____
Surveyor's Name _____
Port _____
Date _____

IRS Stamp

Signature _____
Surveyor's Name _____
Port _____
Date _____

IRS Stamp



Indian Register of Shipping

Certificate No.: 09 WC 113

CERTIFICATE OF APPROVAL OF WELDING CONSUMABLES FOR USE IN SHIP CONSTRUCTION

This is to Certify that the electrode described below has been tested in accordance with the Society's requirements and is being retained in the approved list of consumables for Welding in Ship Construction.

NAME OF MANUFACTURER : RASI ELECTRODES LTD.
RAJA ANAMALAI ROAD
FLAT NO. A/14, 3RD FLOOR
CHENNAI - 600 008

TYPE OF ELECTRODE : COATED ELECTRODES FOR MANUAL
ARC WELDING

TRADE NAME : RASI E 6013


WELDING POSITION : ALL POSITIONS

GRADE : 2

SIZE (dia.) mm : 2.5 to 5.0mm

CURRENT TYPE : AC/DC (+ ve)

Place : Mumbai
Date : 20.08.2009


C. SRIRAMAMURTHY
Chief Surveyor

The validity of this certificate is subject to Annual Approval being carried out in **FEBRUARY** every year and the attachment to this certificate being endorsed by the Society's Surveyors.

See overleaf for conditions of issue of this Certificate

Indian Register of Shipping

Attachment to Cert. No. : 09 WC113

The validity of this Certificate is renewed on satisfactory completion of Annual Approval in accordance with the Society's Rules.

Signature [Handwritten Signature]
Surveyor's Name R. HARIPRASAD
Port CHENNAI
Date 31/10/2022



Signature [Handwritten Signature]
Surveyor's Name DHIRAJ KUMAR
Port CHENNAI
Date 15/09/2023



Signature [Handwritten Signature]
Surveyor's Name BALA MURUGAN R
Port CHENNAI
Date 17-09-2024



Signature _____
Surveyor's Name _____
Port _____
Date _____

IRS Stamp