



# 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.

|                             |   |  |
|-----------------------------|---|--|
| <b>NAME OF MANUFACTURER</b> | : | <b>RASI ELECTRODES LTD.</b>                                      |
|                             |   | <b>44/4, STROTTEN MUTHIA MUNDALI<br/>STREET, CHENNAI-600 079</b> |
| <b>TYPE OF ELECTRODE</b>    | : | <b>COATED ELECTRODE FOR MANUAL ARC<br/>WELDING</b>               |
| <b>TRADE NAME</b>           | : | <b>RASI E 7018 LH</b>  |
| <b>WELDING POSITION</b>     | : | <b>ALL POSITIONS EXCEPT VERTICAL<br/>DOWNWARD</b>                |
| <b>GRADE</b>                | : | <b>3YH</b>   |
| <b>SIZE (dia.) mm</b>       | : | <b>2.5 TO 5.0mm</b>  |
| <b>CURRENT TYPE</b>         | : | <b>DC (+ ve)</b>   |

**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*

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

Signature

Surveyor's Name

Port

Date

R. Haripal  
R. HARIPRASAD  
CHENNAI  
20.06.2016



Signature

Surveyor's Name

Port

Date

L. Maneychandran  
L. Maneychandran  
Chennai  
23.06.2017

IRS Stamp



Signature

Surveyor's Name

Port

Date

K. M. Sundaram  
K. M. SUNDARAM  
CHENNAI  
11.07.2018

IRS Stamp



Signature

Surveyor's Name

Port

Date

R. Haripal  
R. HARIPRASAD  
CHENNAI  
15/07/2019

IRS Stamp



# Indian Register of Shipping

Attachment to Cert. No. : IIWC118

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



Signature R. Hari Prasad  
Surveyor's Name R. HARI PRASAD  
Port CHENNAI  
Date 30/09/2020

IRS Stamp

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.: 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, 3<sup>RD</sup> 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*

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

Signature T. Suresh Babu  
Surveyor's Name T. SURESH BABU IRS Stamp   
Port CHENNAI  
Date 03.06.2014

Signature R.T. Raj Kumar  
Surveyor's Name R.T. RAJKUMAR IRS Stamp   
Port CHENNAI  
Date 10.06.2015

Signature R. Hariprasad  
Surveyor's Name R - HARIPRASAD IRS Stamp   
Port CHENNAI  
Date 20.06.2016

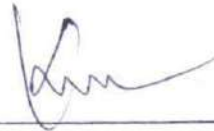
Signature L. Maneykandan  
Surveyor's Name L. Maneykandan IRS Stamp   
Port Chennai  
Date 23.06.2017

# Indian Register of Shipping

Attachment to Cert. No. : 09 WC 113

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

Signature



Surveyor's Name

K.M. SUNDARAM

IRS Stamp



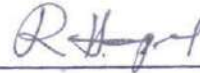
Port

CHENNAI

Date

11.07.2018

Signature



Surveyor's Name

R. HARIPRASAD

IRS Stamp



Port

CHENNAI

Date

15/07/2019

Signature



Surveyor's Name

R. HARIPRASAD

IRS Stamp



Port

CHENNAI

Date

30/09/2020

Signature

\_\_\_\_\_

Surveyor's Name

\_\_\_\_\_

IRS Stamp

Port

\_\_\_\_\_

Date

\_\_\_\_\_