



# 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*

# 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*

*IRS Stamp*

*Port*

*Date*

*Signature*

*Surveyor's Name*

*IRS Stamp*

*Port*

*Date*

*Signature*

*Surveyor's Name*

*IRS Stamp*

*Port*

*Date*



# 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, STOTTEN 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. :

11 WC 118

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

Signature *R. Hariprasad*  
Surveyor's Name R. HARIPRASAD  
Port CHENNAI  
Date 20.06.2016



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

IRS Stamp



Signature *K. M. Sundaram*  
Surveyor's Name K. M. SUNDARAM  
Port CHENNAI  
Date 11.07.2018

IRS Stamp



Signature \_\_\_\_\_  
Surveyor's Name \_\_\_\_\_  
Port \_\_\_\_\_  
Date \_\_\_\_\_

IRS Stamp