



# Indian Register of Shipping

Place : MUMBAI

Date : 07.10.1998

Certificate No. : 98WC210

## 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 included in the approved list of consumables for Welding in Ship Construction.

**NAME OF MANUFACTURER** : RAAJRATNA ELECTRODES PVT. LTD.  
MEHSANA

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

**TRADE NAME** : RATNA 6013

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

**GRADE** : 2

**SIZE (dia.)mm** : 2.5, 3.15, 4, 5

**CURRENT TYPE** : AC/DC (-ve)

  
( S. KUMAR )  
SENIOR PRINCIPAL SURVEYOR

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



# 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 *Vishal Gandhi*

Surveyor's Name VISHALKUMAR GANDHI

Port BARODA

Date 03.09.2021

IRS Stamp



*Valid upto Aug-2022*

Signature *Vishal Gandhi*

Surveyor's Name VISHALKUMAR GANDHI

Port BARODA

Date 27.08.2022

IRS Stamp



*Valid upto Aug-23*

Signature *Ritesh Khapod*

Surveyor's Name Ritesh Khapod

Port Baroda

Date 29/9/23

IRS Stamp



*Valid upto Aug-24*

Signature \_\_\_\_\_

Surveyor's Name \_\_\_\_\_

Port \_\_\_\_\_

Date \_\_\_\_\_

IRS Stamp