

Bureau Veritas Marine & Offshore

67/71 Boulevard du Château
92200 Neuilly-sur-Seine - France

Tel. 33 1 55 24 70 00
Fax. 33 1 55 24 70 45
www.veristar.com



Certificate number : WM 26292/01/S.0

File number : 26292 N

TYPE APPROVAL CERTIFICATE*as per Bureau Veritas Marine & Offshore Classification Rules**This certificate is issued to***RASI ELECTRODES LIMITED**

CHENNAI - INDIA

*for the product***Covered Electrode for Manual Metal Arc Welding**

Designation : RASI E 6013
Grade : 2
Description : Rutile covering
Diameter : 3.15 - 4.0 - 5.0 mm
Welding current : AC/DC
Welding position : All positions for butt and fillet welding including vertical downwards (PA, PF, PG, PB, PC, PE, PD)
Remark : Nil.

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements of Bureau Veritas Marine & Offshore Rules on Materials and Welding for the Classification of Marine Units.

This certificate will expire on: 09 Jul 2019

At Neuilly, on 09 Jul 2018

For Bureau Veritas Marine & Offshore,*By order of the Secretary*

Local office: BV MUMBAI (BOMBAY)

Issued on 09 Jul 2018

Surveyor: S. SARAVANAN

L.COURREGELONGUE



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

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Certificate number : WM 26292/02/R.0

File number : 26292 N 2001

TYPE APPROVAL CERTIFICATE*as per Bureau Veritas Marine & Offshore Classification Rules**This certificate is issued to*

RASI ELECTRODES LIMITED
CHENNAI - INDIA

*for the product***Covered Electrode for Manual Metal Arc Welding**

Designation : RASI E 7018 LH
Grade : 3Y H5
Description : Basic covering
Diameter : 3,15 - 4,00 - 5,00 mm
Welding current : AC/DC
Welding position : All positions for butt and fillet welding except vertical downwards (PA,PF,PC,PE,PD,PB)
Remark : N/A.

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements of Bureau Veritas Marine & Offshore Rules on Materials and Welding for the Classification of Marine Units.

This certificate will expire on: 09 Jul 2019

At Neuilly, on 09 Jul 2018

For Bureau Veritas Marine & Offshore,

By order of the Secretary

Local office: BV MUMBAI (BOMBAY)

Issued on 09 Jul 2018

Surveyor: S. SARAVANAN.

L.COURREGELONGUE



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The Electronic Version is available at: <http://www.veristarm.com/veristarm/jsp/viewPublicPdfWelding.jsp?id=vokf4s0upc>

BV Mod. Ad.E 537 June 2017

This certificate consists of 1 page(s)



Marine & Offshore

Certificate number: SMS.W.II./26292/B.0

www.veristar.com

RECOGNITION FOR BV MODE II SCHEME

RASI ELECTRODES LTD
Madras - INDIA

Summary of the range of the recognition which is detailed in the subsequent page(s):

Manufacturing of Welding Consumables.
RASI E 6013, RASI E 7018LH

This certificate is issued to attest that Bureau Veritas Marine & Offshore has performed, at the above company's request and in compliance with the requirements of NR320, a satisfactory assessment of the manufacturing facilities and associated quality procedures related to the range of the recognition. This certificate is a renewal of certificate N° SMS.W.II./26292/A.0 expiring on 23/10/2017

This certificate will expire on: 23 Oct 2021

For BUREAU VERITAS,

At BV MUMBAI (BOMBAY), on 06 Jul 2017,

Rajan VARDHAN



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <http://www.veristarm.com/veristarnb/jsp/viewPublicPdfRecognition.jsp?id=blztxfyvnc>

BV Mod. Ad.E 697 June 2017

This certificate consists of 2 page(s)

THE SCHEDULE OF RECOGNITION

1. RANGE OF THE RECOGNITION

The welding consumables listed in the table below are not required to be certified individually or per batch by Bureau Veritas Marine & Offshore. Their compliance with the approved type is solely certified by the manufacturer using its own format of document and marking to allow traceability to the approved type (HBV products as defined in NR320).

Generic product	Description
WELDING CONSUMABLES	As Detailed in TAC No.WM 26292/01/R.0 - RASI E 6013
WELDING CONSUMABLES	As Detailed in TAC No.WM 26292/02/Q.0 - RASI E 7018 LH

2. LIMITATIONS

The certificates listed in the range of recognition are to be valid, as applicable.

Bureau Veritas Marine & Offshore is to be informed immediately of any modification to manufacturing facilities and associated quality procedures in order to agree on appropriate actions.

RASI ELECTRODES LTD has to apply for the periodical audits as agreed with Bureau Veritas Marine & Offshore.

3. PERIMETER OF CERTIFICATION

Quality system of following site(s) has been assessed:

RASI ELECTRODES LTD - Madras - INDIA

4. REMARKS

Manufacturer's Work address :
 RASI ELECTRODES LTD
 UPPARAPALAYAM VILLAGE,ALAMATHI POST,
 REDHILLS,CHENNAI-600052
 INDIA

*** END OF CERTIFICATE ***