



Indian Register of Shipping

Certificate No.: JMN25WC002

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 : SENOR METALS PVT. LTD.
353 , PHASE II , GIDC
DARED
JAMNAGAR 361004
GUJARAT
INDIA

TYPE OF ELECTRODE : WIRE GAS COMBINATION (COPPER & COPPER ALLOY)

TRADE NAME : SM 31

WELDING POSITIONS : All Positions

GRADE : ER CuSi-A

SIZE (dia.) mm : 0.8 to 4.0 mm

CURRENT TYPE : DCEN



Place : **Mumbai**

Date : **05/09/2025**

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 **August** every year and the attachment to this certificate being endorsed by the society's Surveyors.

See overleaf for conditions of issue of this certificate



This Certificate is issued upon the following terms and conditions as laid down in the Society's Regulations:-

Whilst Indian Register of Shipping, a Classification Society, along with its subsidiaries and associates (hereinafter referred to as the Society) and its Board/Committees use their best endeavors to ensure that the functions of the Society are properly carried out, in providing services, information or advice neither the Society nor any of its servants or agents warrants the accuracy of any information or advice supplied. Except as set out herein neither the Society nor any of its servants or agents (on behalf of each of whom the Society has agreed this clause) shall be liable for any loss damage or expense whatever sustained by any person due to any act or omission or error of whatsoever nature and however caused of the Society, its servants or agents or due to any inaccuracy of whatsoever nature and howsoever caused in any information or advice given in any way whatsoever by or on behalf of the Society, even if held to amount to a breach of warranty. Nevertheless, if any person uses services of the Society, or relies on any information or advice given by or on behalf of the Society and suffers loss damage or expenses thereby which is proved to have been due to any negligent act omission or error of the Society, its servants or agents or any negligent inaccuracy in information or advice given by or on behalf of the Society then the Society will pay compensation to such person for his proved loss up to but not exceeding the amount of the fee charged by the Society for that particular service, information or advice.

Any notice of claim for loss, damage or expense, as referred to above, shall be made in writing to the Society's Head Office within six months of the date when the service, information or advice was first provided, failing which all the rights to any such claim shall be forfeited and the Society shall be relieved and discharged from all liabilities.



TID: IRS/2025/JMN25WC002/21857



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 _____

Surveyor's Name _____

IRS Stamp

Port _____

Date _____

Signature _____

Surveyor's Name _____

IRS Stamp

Port _____

Date _____

Signature _____

Surveyor's Name _____

IRS Stamp

Port _____

Date _____

Signature _____

Surveyor's Name _____

IRS Stamp

Port _____

Date _____

