

**CERTIFICATE OF APPROVAL OF WELDING  
CONSUMABLE FOR SHIP CONSTRUCTION**

This certificate is issued to the company named below. The welding consumable or combination described has been tested in accordance with the requirements of Lloyd's Register for use in ship construction. This approval is subject to annual tests being carried out in accordance with the requirements of Lloyd's Register. The continued validity of this approval will be confirmed by appropriately dated Annual Reapproval Certificates issued to the company.

Name of Company: ***CERTILAS NEDERLAND BV, NETHERLANDS***

Type of Welding Consumable: ***Section 5 - Solid Wire/Gas Shield***

Trade Name: ***Ceweld SG2 78%Ar-20%CO<sub>2</sub>-2%O<sub>2</sub>***

Welding Position: ***Downhand, horizontal-vertical and vertical upward only.***

Joint Type: ***Butt and Fillet Welding.***

Grade: ***3Y, suitable for welding steel Grade(s) EH36, EH32, EH27S, E (and any corresponding strength grade(s) of lower toughness), using semi-automatic gas metal arc welding. (Approved also for automatic multirun welding in the downhand position only.)***

Remarks: ***Approved low hydrogen consumable, conforming to standard H15.  
Approved for wires of 1.2 - 1.6 mm diameter only.***

Date: ***30 May 2018***  
Valid until: ***30 May 2019***

**J S Nirankari**

Principal Specialist to Lloyd's Register EMEA  
A member of the Lloyd's Register group