



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.

Company	Certilas Nederland B.V.
Address	Gloxinialaan 2, Huissen, 6851 TG, Netherlands
Type of welding consumable	Section 8 - Flux-Cored Wire/Gas Shield
Trade name	CEWELD AA 309 LP/80%Ar-20%CO ₂
Welding Process	Flux Cored Arc Welding
Grade & Technique	SS/CMn S
Welding Positions	Downhand, horizontal-vertical, vertical upward and overhead only.
Weld Type	Butt and Fillet Welding.
Diameter (mm)	0.9 - 1.6
Current	DC(+)
Remarks	Approved also for automatic multirun welding in the downhand position only. Approved for chemical use only.



CERTIFICATE OF APPROVAL OF WELDING CONSUMABLE FOR SHIP CONSTRUCTION

Consumable 2nd Grade

Type of welding consumable Section 8 - Flux-Cored Wire/Gas Shield

Trade name CEWELD AA 309 LP/80%Ar-20%CO₂

Welding Process Flux Cored Arc Welding

Grade & Technique Dup/CMn S

Welding Positions Downhand, horizontal-vertical, vertical upward and overhead only.

Weld Type Butt and Fillet Welding.

Diameter (mm) 0.9 - 1.6

Current DC(+)

Remarks Approved also for automatic multirun welding in the downhand position only.
Approved for chemical use only.