



## 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.

<b>Company</b>	<b>Kobe Steel, Ltd. Ibaraki Plant</b>
<b>Address</b>	2-19, Higashiunobe-cho, Ibaraki-shi, Osaka, 567-0879, Japan
<b>Type of welding consumable</b>	Section 5 - Flux-Cored Wire/Gas Shield
<b>Trade name</b>	DW-N709SP/80%Ar-20%CO2
<b>Welding Process</b>	Flux Cored Arc Welding
<b>Grade &amp; Technique</b>	9NiS
<b>Welding Positions</b>	Downhand and vertical upward only.
<b>Weld Type</b>	Butt and Fillet Welding.
<b>Diameter (mm)</b>	1.2
<b>Current</b>	DC(+)
<b>Remarks</b>	Approved also for automatic multirun welding in the downhand position only.

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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