

**MARINE DIVISION**

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Certificate number : WM 12273/35/K.0

File number : 12273/03

**TYPE APPROVAL CERTIFICATE***as per Bureau Veritas Classification Rules**This certificate is issued to***KISWEL LTD.**

Changwon - KOREA (REPUBLIC OF)

*for the product***Solid Wire / Gas Combination for Semi-Automatic or Automatic Welding**

<b>Designation</b>	: M-316L / Ar + 2% O2
<b>Grade</b>	: UP
<b>Description</b>	: Gas Shield Argon 98% + O2 2%
<b>Diameter</b>	: 0.8 - 1.6 mm
<b>Welding current</b>	: DC (+)
<b>Welding position</b>	: Down hand, Horizontal-Vertical (P,H)
<b>Remark</b>	: Chemical Applications. Consumable depositing an austenitic stainless steel. Charpy V energy on deposited metal guaranteed for temperatures above -196°C. When using this welding consumable on constructions surveyed by BUREAU VERITAS, qualification tests of welding procedures involving this consumable are to be performed in every cases with obtention of satisfactory results.

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

**This certificate will expire on: 03 Jul 2010**

At Neuilly, on 03 Jul 2009  
**For BUREAU VERITAS,**  
By order of the Secretary

Local office: BV PUSAN  
Issued on 03 Jul 2009  
Surveyor: K. Lee

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. 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 Division. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against BUREAU VERITAS 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.