

Marine & Offshore Division67/71 Boulevard du Château
92200 Neuilly-sur-Seine - FranceTel. 33 1 55 24 70 00
Fax. 33 1 55 24 70 45
www.veristar.com

Certificate number : WM 93139/01/C.0

File number : 93139 N 2013

TYPE APPROVAL CERTIFICATE*as per Bureau Veritas Classification Rules**This certificate is issued to***HANKOOK WELDTEK CO., LTD.**
BUSAN - KOREA (REPUBLIC OF)*for the product***Flux-Cored Wire for Semi-Automatic or Automatic Welding with Shielding Gas**

Designation : WT-71
Grade : SA2YH15
Description : Gas Shield CO2 100%
Diameter : 1.2 ~ 1.6mm
Welding current : DCEP
Welding position : All positions for butt and fillet welding including vertical downwards (PA, PF, PG, PB, PC, PE, PD)
Remark : A ceramic backing (CBM-8061) is used for all butt weld test assemblies.

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: 13 Jan 2017

At Neuilly, on 13 Jan 2016
For BUREAU VERITAS,
By order of the Secretary

Local office: BV PUSAN
 Issued on 13 Jan 2016
 Surveyor: H. Choi

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 & Offshore 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.

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Certificate number : WM 93139/02/C.0

File number : 93139 N 2013

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

HANKOOK WELDTEK CO., LTD.
BUSAN - KOREA (REPUBLIC OF)

*for the product***Flux-Cored Wire for Semi-Automatic or Automatic Welding with Shielding Gas**

Designation : WT-308L
Grade : 308L
Description : Gas Shield CO2 100%
Diameter : 1.2 ~ 1.6mm
Welding current : DCEP
Welding position : Flat butt weld (PA bw), Horizontal vertical fillet weld (PB fw)
Remark : A ceramic backing (CBM-8061) is used for all butt weld test assemblies.

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 is a renewal of certificate N° WM 93139/02/B.0 expiring on 06/02/2016

This certificate will expire on: 06 Feb 2017

At Neuilly, on 13 Jan 2016
For **BUREAU VERITAS**,
By order of the Secretary

Local office: BV PUSAN
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The Electronic Version is available at: <http://www.veristarm.com/veristarmb/jsp/viewPublicPdfWelding.jsp?id=jqkfmz4e3x>

BV Mod. Ad.E 537 May 2009

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Certificate number : WM 93139/03/C.0

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TYPE APPROVAL CERTIFICATE

as per Bureau Veritas Classification Rules

This certificate is issued to

HANKOOK WELDTEK CO., LTD.
BUSAN - KOREA (REPUBLIC OF)

for the product

Flux-Cored Wire for Semi-Automatic or Automatic Welding with Shielding Gas

Designation : WT-309L
Grade : 309L
Description : Gas Shield CO2 100%
Diameter : 1.2 ~ 1.6mm
Welding current : DCEP
Welding position : Flat butt weld (PA bw), Horizontal vertical fillet weld (PB fw)
Remark : A ceramic backing (CBM-8061) is used for all butt weld test assemblies. When used for units classed with Bureau Veritas, qualification tests of welding procedures are to be conducted on samples made with this consumable.

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 is a renewal of certificate N° WM 93139/03/B.0 expiring on 06/02/2016

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