



# WELDING CONSUMABLE CERTIFICATE

Certificate No.: CG1095202-X1

Port of: CARTAGENA, COLOMBIA

Date: 29 December 2008

## THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF SOLDADURAS WEST ARCO LTDA, ATTEND THE PLANT AT BOGOTA, COLOMBIA, ON THE 09 DAY OF DECEMBER, 2008 AND ON SUBSEQUENT DATES, IN ORDER TO CARRY OUT A PLANT SURVEY OF FACILITIES AND ASSOCIATED QUALITY ASSURANCE AND QUALITY CONTROL PROCEDURES AND TO WITNESS AND REPORT ON THE ANNUAL APPROVAL TESTING OF WELDING CONSUMABLES; AND,

THAT THE FACILITY IS CONSIDERED CAPABLE OF PROVIDING AN ACCEPTABLE UNIFORM PRODUCT, AND THAT EACH WELDING CONSUMABLE LISTED BELOW WAS FOUND IN COMPLIANCE WITH THE SPECIFICATION INDICATED AND IS ELIGIBLE TO BE PLACED ON THIS BUREAU'S APPROVED WELDING CONSUMABLES LIST IN THE SHIELDED METAL ARC WELDING SECTION:

<u>TRADE NAME</u>	<u>SPECIFICATION</u>	<u>GRADE OR CLASS</u>	<u>SHIELDING GAS</u>	<u>POSITION</u>	<u>CURRENT/ POLARITY</u>	<u>SIZE</u>
FP-612	ABS	1	-	ALL, V-down	AC/DC (S)	2.4-6.4 mm
SW-613	ABS	1	-	ALL, V-down	AC/DC	2.4-6.4 mm
SW-10	ABS	1	-	ALL, V-down	AC/DC	2.4-6.4 mm
ZIP-14	ABS	1	-	ALL, V-down	AC/DC	2.4-6.4 mm
ZIP-24	ABS	1	-	F	AC/DC	2.4-6.4 mm
ACP-611SS	ABS	2	-	ALL, V-down	AC/DC (R)	2.4-6.4 mm
XL-610	ABS	2	-	ALL, V-down	DC (R)	2.4-6.4 mm
ZIP-10T	ABS	2	-	ALL, V-down	DC (R)	2.4-6.4 mm
ZIP-710 A1	ABS	2	-	ALL, V-down	DC (R)	2.4-4.8 mm
XI-810G	ABS	2	-	ALL, V-down	DC (R)	2.4-4.8 mm
WIZ 18	ABS	3 H10, 3Y	-	ALL	AC/DC (R)	2.4-6.4 mm
WIZ818C3	ABS	3 H10, 3Y	-	ALL	AC/DC (R)	2.4-4.8 mm
WIZ 718 W1	ABS	3 H10, 3Y	-	ALL	AC/DC (R)	2.4-4.8 mm



DANIEL J. MARTINEZ Sr. SURVEYOR-IN-CHARGE

Note: This Certificate evidences compliance with one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Certificate is a representation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a fuller description of any restrictions or limitation on the vessel's service or surveys. The validity, applicability and interpretation of this Certificate is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Certificate or in any notation made in contemplation of this Certificate shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.