



WELDING CONSUMABLE CERTIFICATE

Certificate No: 948359-1950637-001

Port of: GUAYAQUIL, ECUADOR

Date: 11 MAY 2011

THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF SOLDEXA S. A., ATTEND THEIR PLANT AT LURIN - LIMA, PERU, ON THE 22ND DAY OF FEBRUARY, 2011 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>
Cellocord AP	ABS	3	-----	All	ac / dcep	4.0-5.0 mm
Ferrocito 24	ABS	1	-----	All	ac / dcen	4.0-5.0 mm
Ferrocito 27	ABS	3	-----	F	ac / dcen	4.0-5.0 mm
Overcord	ABS	1	-----	All	ac / dcen	4.0-5.0 mm
Overcord M	ABS	1	-----	All	ac / dcen	4.0-5.0 mm
Supercito	ABS	3Y	-----	All	ac / dcep	4.0-5.0 mm
Inox AW	AWS A5.4-06	E308-L	-----	All	ac / dcep	2.5-5.0 mm
Inox BW ELC	AWS A5.4-06	E316-L	-----	All	ac / dcep	2.5-5.0 mm

Fierro E., Carlos, Guayaquil Port, SURVEYOR

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.



ABS

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<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>
Supercito 100 Plus	AWS A5.1-04	E-7018-1 H4R	-----	All	dcep	2.5-5.0 mm

E. Fierro 

Fierro E., Carlos, Guayaquil Port, SURVEYOR

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WELDING CONSUMABLE CERTIFICATE

Certificate No.: 948359-1950637-005

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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>
Supercito 100 Plus-ACP	AWS A5.1-04	E-7018 H4R	-----	All	dcep	2.5-5.0 mm

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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 WIRE-FLUX 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>
PS 1 / POP 185	ABS	1T, 1M	-----	-----	ac / dcep	4.0-5.0 mm
PS 2 / POP 185	ABS	1YT, 1YM	-----	-----	ac / dcep	4.0-5.0 mm

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<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>
PS 2 / POP 180	ABS	2YM	-----	-----	dcep	4.0 mm

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Certificate No.: 948359-1950637-008

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Carbofil PS6 GC	ABS	3SA	CO-2	All	dcep	1.2 mm
Soldamig ER 70S-6	ABS	3SA	CO-2	All	dcep	1.2 mm

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