



WELDING CONSUMABLE CERTIFICATE

Certificate No.: HN 1795171-B-X, Page 1 of 2

Port of: Haan/Germany

Date: November 11, 2010

THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF AIR LIQUID WELDING FRANCE-OERLIKON BRAND, ATTEND (THE) (THEIR) PLANT AT D-67304 EISENBERG/GERMANY, ON THE 22TH DAY OF FEBRUARY, 2010 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 WIRE-GAS 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>
CARBOFIL 1 GOLD		3 SA	CO2	F, V	DC (R)	1,2 - 1,6
CARBOFIL 1 GOLD		3 Y SA	80% Ar; 20% CO2	F, V	DC (R)	1,2 - 1,6
CARBOFIL 1 A GOLD		2 Y SA	CO2	F, V	DC (R)	1,0 - 1,6
CARBOFIL 1 A GOLD		3 Y SA	80% Ar; 20% CO2	ALL	DC (R)	0,8 - 1,6
FILCORD C		3 SA	CO2	F, V	DC (R)	1,2 - 1,6
FILCORD C		3 Y SA	80% Ar; 20% CO2	F, V	DC (R)	1,2 - 1,6
FILCORD D		2 Y SA	CO2	F, V	DC (R)	1,0 - 1,6
FILCORD D		3 Y SA	80% Ar; 20% CO2	ALL	DC (R)	0,8 - 1,6

F.Fritzinger / SURVEYOR



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