



WELDING CONSUMABLE CERTIFICATE

Certificate No: 251918-6615666-001_____

Report No: 6615666_____

Port of: Kaohsiung, Taiwan_____

Date: 25 December 2024_____

THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF SOREX WELDING CO. LTD., ATTEND THEIR PLANT AT TAINAN, TAIWAN, R.O.C., ON THE 20TH DAY OF SEPTEMBER, 2024 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 GAS METAL ARC WELDING INCLUDING MIG/TIG WELDING SECTION:

TRADE NAME	SPECIFICATION	GRADE OR CLASS	SHIELDING GAS	POSITION	CURRENT/ POLARITY	SIZE
SMG-2209	AWS A5.9	ER2209	68%Ar+30%He+ 2%CO ₂	ALL	DCEP	1.0 - 1.2
SMG-2209	AWS A5.9	ER2209	75%Ar+25%He	ALL	DCEP	1.0 - 1.2
SMG-2594	AWS A5.9	ER2594	68%Ar+30%He+ 2%CO ₂	ALL	DCEP	1.0 - 1.2
SMG-2594	AWS A5.9	ER2594	75%Ar+25%He	ALL	DCEP	1.0 - 1.2
SMG-625	AWS A5.14	ERNiCrMo-3	75%Ar+25%He	ALL	DCEP	0.9 - 1.2
SMG-6	ABS	3Y400SA	100% CO ₂	ALL	DCEP	0.8 - 1.6
SMG-6	ABS	3Y400SA	75-80%Ar+ Bal. CO ₂	ALL	DCEP	0.8 - 1.6
STG-50	AWS A5.18	ER70S-G	100% Ar	ALL	DCEN	2.0 - 3.2
STG-56	AWS A5.18	ER70S-6	100% Ar	ALL	DCEN	2.0 - 3.2
STG-625	AWS A5.14	ERNiCrMo-3	100% Ar	ALL	DCEN	1.2 - 3.2
STG-2594	AWS A5.9	ER2594	100% Ar	ALL	DCEN	1.2 - 3.2
STG-2209	AWS A5.9	ER2209	100% Ar	ALL	DCEN	1.2 - 3.2
STG-308L*	AWS A5.9	ER308L	100% Ar	ALL	DCEN	1.6 - 2.4
STG-309L**	AWS A5.9	ER309L	100% Ar	ALL	DCEN	1.6 - 2.4
STG-316L***	AWS A5.9	ER316L	100% Ar	ALL	DCEN	1.6 - 2.4

*Manufacturer's guaranteed minimum Tensile Strength: 520 N/mm² and Elongation: 35%

**Manufacturer's guaranteed minimum Tensile Strength: 520 N/mm² and Elongation: 30%

***Manufacturer's guaranteed minimum Tensile Strength: 490 N/mm² and Elongation: 30%


SHIH-MING HSU, 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.



WELDING CONSUMABLE CERTIFICATE

Certificate No.: 251918-6615666-002_____

Report No.: 6615666_____

Port of: Kaohsiung, Taiwan_____

Date: 25 December 2024_____

THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF SOREX WELDING CO. LTD., ATTEND THEIR PLANT AT TAINAN, TAIWAN, R.O.C., ON THE 20TH DAY OF SEPTEMBER, 2024 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>
SL-50	AWS A5.1	E7016	-	ALL	AC & DCEP	3.2 - 5.0
SL-58	ABS	3Y H5	-	ALL	AC & DCEP	2.6 - 5.0
SLH-58	ABS	4YQ420 H5	-	ALL	AC & DCEP	2.6 - 5.0
SR-86B2	AWS A5.5	E8016-B2	-	ALL	AC & DCEP	3.2 - 5.0
SR-96B3	AWS A5.5	E9016-B3	-	ALL	AC & DCEP	3.2 - 5.0
SS-308L	AWS A5.4	E308L-16	-	ALL	AC & DCEP	1.6 - 4.8
SS-309L	AWS A5.4	E309L-16	-	ALL	AC & DCEP	1.6 - 4.8
SS-316L	AWS A5.4	E316L-16	-	ALL	AC & DCEP	1.6 - 4.8


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WELDING CONSUMABLE CERTIFICATE

Certificate No.: 251918-6615666-003_____

Report No.: 6615666_____

Port of: Kaohsiung, Taiwan_____

Date: 25 December 2024_____

THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF SOREX WELDING CO. LTD., ATTEND THEIR PLANT AT TAINAN, TAIWAN, R.O.C., ON THE 20TH DAY OF SEPTEMBER, 2024 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 FLUX CORED ARC WELDING SECTION:

TRADE NAME	SPECIFICATION	GRADE OR CLASS	SHIELDING GAS	POSITION	CURRENT/ POLARITY	SIZE
SFC-71	ABS	3YSA H5	75-80%Ar/bal CO2	ALL	DECP	0.9 - 1.6
SFC-71	ABS	3Y400SA H5	CO2	ALL	DECP	0.9 - 1.6
SFC-71M	ABS	3YSA H5	75-80%Ar/bal CO2	ALL	DECP	1.2 - 1.6
SFC-71J	ABS	4YSA H5	CO2	ALL	DECP	0.9 - 1.6
SFC-71J	ABS	4YSA H5	75-80%Ar/bal CO2	ALL	DECP	0.9 - 1.6
SFC-110	AWS A5.29	E111T1-GM-H4	80% Ar & 20%CO2	ALL	DECP	1.2 - 1.6
SFC-110	AWS A5.29	E111T1-K3M-JH4	80% Ar & 20%CO2	ALL	DECP	1.2 - 1.6
SFC-308L	AWS A5.22	E308LT1-1	CO2	ALL	DECP	1.2 - 1.6
SFC-309L	AWS A5.22	E309LT1-1	CO2	ALL	DECP	1.2 - 1.6
SFC-309MoL	AWS A5.22	E309LMoT1-1	CO2	ALL	DECP	1.2 - 1.6
SFC-316L	AWS A5.22	E316LT1-1	CO2	ALL	DECP	1.2 - 1.6
SFC-347L	AWS A5.22	E347T1-1	CO2	ALL	DECP	1.2 - 1.6
SFC-2209	AWS A5.22	E2209T1-1	CO2	ALL	DECP	1.2 - 1.6


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WELDING CONSUMABLE CERTIFICATE

Certificate No.: 251918-6615666-004_____

Report No.: 6615666_____

Port of: Kaohsiung, Taiwan_____

Date: 25 December 2024_____

THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF SOREX WELDING CO. LTD., ATTEND THEIR PLANT AT TAINAN, TAIWAN, R.O.C., ON THE 20TH DAY OF SEPTEMBER, 2024 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 SUBMERGED 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>
SF-65/SW-M12K	ABS	3YM H10	-	F	DCEP	1.6 - 4.8


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