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WELDING CONSUMABLE CERTIFICATE

Report No.: 6970602
 Port of: Kaohsiung Port
 Date: 30 July 2025

THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF
 TIEN TAI ELECTRODE CO., LTD.
 ATTEND THEIR , PLANT AT TAINAN, TAIWAN, R.O.C. , ON 23 April 2025
 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:

TRADE NAME	SPECIFICATION	GRADE OR CLASS	SHIELDING GAS	POSITION	CURRENT/ POLARITY	SIZE
HOBART M12K / HOBART HA-495*	ABS	3YM H10	N/A	F	DCEP	2.4- 4.8 mm
HOBART M12K / HOBART HN-590*	ABS	3YM H5	N/A	F	AC/DCEP	2.4- 4.8 mm
HOBART H12K / HOBART HN-521*	ABS	5YQ420M H5	N/A	F	AC/DCEP	2.4- 4.8 mm
HOBART 40E / HOBART HN-521*	ABS	5YQ460M H5	N/A	F	AC/DCEP	2.4- 4.0 mm

Remarks:

* Multiple Trade Name Approval: HOBART M12K / HOBART HA-495 is identical to TSW-12KM/TF-385
 HOBART M12K / HOBART HN-590 is identical to TSW-12KM/TF-565
 HOBART H12K / HOBART HN-521 is identical to TSW-12KH/TF-210
 HOBART 40E / HOBART HN-521 is identical to TSW-E40/TF-210

Electronically Signed By
 Hsu, Shih-Ming, Kaohsiung Port
 Hsu, Shih-Ming , 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.