



WELDING CONSUMABLE CERTIFICATE

Certificate No.: 028656-3752265-001

Report No.: SB3752265

Port of: Sturgeon Bay Station

Date: 01 November 2019

THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF MARKETING COMPANY AMPCO METAL INC., ATTEND THEIR PLANT AT 1221 GRANDVIEW PARKWAY, SUITE 100, STURTEVANT, WISCONSIN, ON THE 1ST DAY OF NOVEMBER, 2019 IN ORDER TO CARRY OUT A PLANT SURVEY OF FACILITIES AND ASSOCIATED HANDLING / STORAGE CONTROL PROCEDURES IN ACCORDANCE WITH THE ABS PROCESS FOR APPROVAL OF FIRMS MARKETING WELDING CONSUMABLES AND,

THAT THE FACILITY OF THE ELECTRODES MANUFACTURER SUPPLYING THE MARKETING COMPANY IS CONSIDERED CAPABLE OF PROVIDING AN ACCEPTABLE UNIFORM PRODUCT BASED ON CERTIFICATION TESTS WITNESSED BY ABS AND CONFIRMED AT THIS TIME (Reference Report No. TJ3726524), AND THAT EACH WELDING CONSUMABLE LISTED BELOW IS CONSIDERED 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 SECTIONS:

TRADE NAME	SPECIFICATION	GRADE OR CLASS	SHIELDING GAS	POSITION	CURRENT/ POLARITY	SIZE
AMPCO-TRODE 10	AWS A5.7	ERCuAlA2	Argon	Flat, Horizontal	DC (EP/EN)	0.9 – 4.8mm 0.035"–3/16"
AMPCO-TRODE 40	AWS A5.7	ERCuMnNiAl	Argon	Flat, Horizontal	DC (EP/EN)	0.9 – 4.8mm 0.035 – 3/16"
AMPCO-TRODE 46	AWS A5.7	ERCuNiAl	Argon	Flat, Horizontal	DC (EP/EN)	0.9 – 4.8mm 0.035"–3/16"

See Survey Notes
on following page


Lutz G. Buesing Contract 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.

Material Manufacturer Approval,
CEO-PRO-00044

CEO-ATT-00891 - Revision 1