WELDING CONSUMABLE CERTIFICATE

ABS

Certificate No.: 939275-4103254-003

Report No.: C4103254

Port of: Cleveland, Ohio

Date: 28 February 2020

THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF HOBART BROTHERS LLS, ATTEND THEIR PLANT AT TROY AND PIQUA, OHIO, ON THE 1ST DAY OF OCTOBER, 2020 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
SubCOR EM13K-S MOD/SWX 150	ABS	4TM H10			AC	3/32"-5/32"
SUBCOR EM13KS/HN-590	AWS A5.17	F7A8-EC1 H8			DCEP	5/32"
SUBCOR EM13K-S MOD/HN-590 Flux	ABS	3YTM H10			AC+DCEP	3/32-5/32"
Hobart SDX S2Si-EM 12K/HN-590 Flux	ABS	3YTM H10			AC+DCEP	3/32-5/32"

Thomas Perk, SURVEYOR

ABS CLEVELAND

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.: 939275-4661753-005

Report No.: 4661753

Port of: Cleveland, Ohio

Date: 31 March 2021

THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF HOBART BROTHERS LLC, ATTEND THEIR PLANT AT TROY AND PIQUA, OHIO, ON THE 4TH DAY OF MAY, 2020 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
SubCOR EM13K-S MOD/SWX 150	ABS	4TM H10			AC	3/32"-5/32"

Thomas Perk, SURVEYOR

ABS CLEVELAND

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