



# WELDING CONSUMABLE CERTIFICATE

Certificate No.: TL2004419-X1

Port of: Toledo, Ohio

Date: 31 August 2011

## THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF REVWIRES, LLC, ATTEND THEIR PLANT AT TROY, OHIO, ON THE 30TH DAY OF JUNE, 2011 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:

TRADE NAME	SPECIFICATION	GRADE OR CLASS	SHIELDING GAS	POSITION	CURRENT/ POLARITY	SIZE
Tru-core FC71T	ABS Rules 2011	2YSA H5	Group C1	All	DCEP	.045-1/16"
Tru-core FC71T	ABS Rules 2011	2YSA H5	Group M2-1	All	DCEP	.045-1/16"
Tru-core FC71T-CG	ABS Rules 2011	3YSA H5	Group C1	All	DCEP	.045-1/16"
Tru-Core FC71T-AG	ABS Rules 2011	3YSA H5	Group M2-1	All	DCEP	.045-1/16"
Tru-Core FC71TM	ABS Rules 2011	3YSA H5	Group C1	All	DCEP	.045-1/16"
Tru-core FC71T	AWS 5.20-2005	E71T-1C, 9C H4	100% CO2	All	DCEP	.045-1/16"
Tru-core FC71T	AWS 5.20-2005	E71T-1M, 9M H4	75%Ar-25%CO2	All	DCEP	.045-1/16"
Tru-core FC71T-AG	AWS 5.20-2005	E71T-12M, H4	75%Ar-25%CO2	All	DCEP	.045-1/16"
Tru-Core FC71T-CG	AWS 5.20-2005	E71T-9M H8	100% CO2	All	DCEP	.045-1/16"
Tru-Core FC71TM	AWS 5.20-2005	E71T-12C H4	100% CO2	All	DCEP	.045-1/16"
Tru-core FC70T	AWS 5.20-2005	E70T-1	100% CO2	F	DCEP	1/16"-3/32"
Tru-core MC70C	AWS A5.18-2005	E70C-6M	75%Ar-25%CO2	F	DCEP	.045-1/16"

  
Benjamin D. Mantey 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.