



# WELDING CONSUMABLE CERTIFICATE

Certificate No.: 522989-2329335-001

Port of: Toledo, Ohio

Date: 21 June 2013

## THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF SELECT-ARC, INC, ATTEND THEIR PLANT AT FORT LARAMIE, OHIO , ON THE 2ND DAY OF APRIL, 2013 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
Endurance	ABS	3YSA	75%Ar-25%CO2	ALL	DCEP	.045-1/16"
Select 70C-6LS	ABS	3YSA	75%Ar-25%CO2	F	DCEP	.045-1/16"
Select 721	ABS	3YSA	75%Ar-25%CO2	ALL	DCEP	.045-1/16"
Select 727	ABS	3YSA	100%CO2	ALL	DCEP	.045-1/16"
Select 727	ABS	3YSA	75%Ar-25%CO2	ALL	DCEP	.045-1/16"
Select 810-Ni2	ABS	3YSA	75%Ar-25%CO2	ALL	DCEP	.035-1/16"
Select 810-Ni2	ABS	3YSA	100% CO2	ALL	DCEP	.035-1/16"
Select 71P	ABS	3YSA	92%AR-8%CO2	F,H	DCEP	.045-1/16"
Select 70C-6	ABS	3YSA	75%Ar-25%CO2	F, V-down	DCEP	.035-1/16"
Select 70C-T	ABS	3YSA	75%Ar-25%CO2	F	DCEP	.035-1/16"
Select 720	ABS	3YSA	75%Ar-25%CO2	ALL	DCEP	.035-1/16"
Select 720	ABS	3YSA	100% CO2	ALL	DCEP	.035-1/16"
Select 720 HP	ABS	3YSA	100% CO2	ALL	DCEP	.035-1/16"
Select 720 HP	ABS	3YSA	75%Ar-25%CO2	ALL	DCEP	.035-1/16"
Select 812 K2	ABS	4YSA	75%Ar-25%CO2	ALL	DCEP	.035-1/16"
Select 820-Ni1	ABS	4YSA	75%Ar-25%CO2	ALL	DCEP	.035-1/16"
Select 820-Ni1	ABS	4YSA	100% CO2	ALL	DCEP	.035-1/16"
<b><u>AWS Grades</u></b>						
Select 101 SR	AWS A5.29-2010	E101T1-GM	75%Ar-25%CO2	ALL	DCEP	.045-1/16"
Select 111-K3M	AWS A5.29-2010	E111T1-K3M	75%Ar-25%CO2	ALL	DCEP	.045-1/16"
Select 111-K3C	AWS A5.29-2010	E111T1-K3C	100% CO2	ALL	DCEP	.035-1/16"
Select 920-K2	AWS A5.29-2010	E91T1-GC	100% CO2	ALL	DCEP	.045-1/16"
Select 71	AWS A5.20-2005	E70T-1C	100% CO2	F,H	DCEP	.045-3/32"
Select 97	AWS A5.20-2005	E70T-1C	100% CO2	F,H	DCEP	.045-3/32"
Select 70TR	AWS A5.20-2005	E70T-1C	100% CO2	F,H	DCEP	1/16"-3/32"
SelectAlloy 308L-AP	AWS A5.22-2010	E308LT1-1	100% CO2	ALL	DCEP	.045-1/16"
SelectAlloy 308L-AP	AWS A5.22-2010	E308LT1-4	75%Ar-25%CO2	ALL	DCEP	.045-1/16"
SelectAlloy 309L-AP	AWS A5.22-2010	E309LT1-1	100% CO2	ALL	DCEP	.045-1/16"

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.

<u>Trade Name</u>	<u>Specification</u>	<u>Grade or Class</u>	<u>Shielding Gas</u>	<u>Position</u>	<u>Current</u>	<u>Size</u>
Select Alloy 309L-AP	AWS A5.22-2010	E309LT1-4	75%Ar-25%CO2	ALL	DCEP	.045-1/16"
SelectAlloy 316L-AP	AWS A5.22-2010	E316LT1-1	100% CO2	ALL	DCEP	.045-1/16"
SelectAlloy 316L-AP	AWS A5.22-2010	E316LT1-4	75%Ar-25%CO2	ALL	DCEP	.045-1/16"
SelectAlloy 316L	AWS A5.22-2010	E316LT0-1	100% CO2	F,H	DCEP	.035-1/16"
SelectAlloy 316L	AWS A5.22-2010	E316LT0-1	75%Ar-25%CO2	F,H	DCEP	.035-1/16"

*Jessica L Ward*

Jessica L Ward 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.: 522989-2329335-002

Port of: Toledo, Ohio


Date: 21 June 2013

## THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF SELECT-ARC, INC, ATTEND THEIR PLANT AT FORT LARAMIE, OHIO, ON THE 2ND DAY OF APRIL, 2013 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-FLUX 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>
Select EM12KS-Lincoln-761 Flux	AWS A5.17-1997	F7A2-EC1	Lincoln 761 Flux	Flat	DCEP	3/32"-3/16"
Select EM12KS-Lincoln-780 Flux	AWS A5.17	F7A2-EC1	Lincoln 780 Flux	Flat	DCEP	3/23"-3/16"

  
\_\_\_\_\_  
Jessica L Ward 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.