



WELDING CONSUMABLE CERTIFICATE

Certificate No.: 075417-6095627-001_____

Report No.: 6095627_____

Port of: IMABARI, JAPAN_____

Date: 28 February 2024_____

THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF KOBE STEEL LTD. SAIJO PLANT, JAPAN, ATTEND THEIR PLANT AT SAIJO, ON THE 9TH DAY OF NOVEMBER, 2023 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 SHIELDED METAL ARC WELDING 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>
	See the attached List	No. 075417-	6095627-001-A			



K.TANAKA 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.




Attachment no. 075417-6095627-001-A

Attachment to
Welding Consumable Certificate, no. 075417-6095627-001
Date: 28 February 2024

<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>
B-14	ABS	3	-	All F	AC/DC	3.2-5.0 mm 6.0-8.0 mm
B-17	ABS	3	-	All F	AC/DC	3.2-5.0 mm 6.0mm
BI-14	ABS	3	-	All F	AC/DC	3.2-5.0 mm 6.0 mm
RB-26	ABS	2	-	All	AC/DC	2.6-5.0 mm
TB-24	ABS	3	-	All	AC/DC	2.6-4.0 mm
TB-I24	ABS	3	-	All	AC/DC	2.6-4.0 mm
LB-26	ABS	3H15	-	All F	AC/DCEP	2.6-5.0 mm 6.0-8.0 mm
LB-26V	ABS	3H10, 3Y	-	F,OH,V-down F,V-down	AC/DCEP	3.2-5.0 mm 5.5-6.0 mm
LB-47	ABS	3H15	-	All F	AC/DCEP	3.2-5.0 mm 6.0 mm
LB-50A	ABS	3H10, 3Y	-	All	AC/DCEP	3.2-5.0 mm
LB-52	ABS	3H10, 3Y, 3Y400	-	All F	AC/DCEP	3.2-5.0 mm 6.0 mm
LB-52NS	ABS	3Y, 4Y400, H10 MG	-	All F	AC/DCEP	2.6-5.0 mm 6.0 mm
MG: Manufacturer's guaranteed min. properties: CVN 34 Joule at -60°C						
LB-52T	ABS	3H10,3Y, 3Y400	-	F,OH,V-down	AC/DCEP	3.2-5.0 mm
LB-52U	ABS	3Y, MG, H10	-	All	AC/DCEP	2.6-4.0 mm
MG: Manufacturer's guaranteed min. properties : CVN 32 Joule at -40°C						
LB-M52	ABS	3H10, 3Y	-	All F	AC/DCEP	3.2-5.0 mm 6.0 mm
LB-62L	ABS	5YQ500H5	-	All	AC/DCEP	3.2-5.0 mm *
* For hull structural thick plate with min. Y.S. of 460 MPa (H47 steel grade)						
ZERODE-44	ABS	3	-	All	AC/DC	2.6-6.0 mm
LB-52NSU	ABS	5Y400, H10	-	All	AC/DCEP	3.2 mm
LB-7018-1	ABS	4Y400, H10	-	All	DCEP	2.6-5.0 mm
LB-M55	ABS	3Y400, H10	-	All F	AC/DCEP	3.2 - 5.0mm 6.0mm



<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>
LB-62	ABS	3YQ500, H10	-	All F	AC/DCEP	2.6 - 5.0mm 6.0mm
LB-52V	ABS	3Y, H10	-	F, OH, V-Down	AC/DCEP	3.2 - 5.0mm
NB-1SJ	ABS	5YQ420, H5	-	All	AC/DCEP	3.2-5.0 mm
KS-7	ABS	3	-	All	AC	3.2-5.0 mm
KS-8	ABS	3	-	All F	AC	3.2-5.0 mm 6.0 mm
KS-03R	ABS	3	-	All	AC	2.6-5.0 mm
KS-76	ABS	3H10, 3Y	-	All	AC	3.2-5.0 mm
KS-76T	ABS	3H10, 3Y	-	F,H,V-down	AC/DCEP	3.2-4.0 mm
KS-76V	ABS	3H10, 3Y	-	F,V-down	AC	3.2-5.0 mm
KS-76VS	ABS	3Y400, H10	-	F,V-down	AC	3.2-5.0 mm
Z-44	ABS	3	-	All	AC/DC	2.6-6.0 mm


 Kohei Tanaka, Surveyor



End