

NIPPON KAIJI KYOKAI

Approval No. NKY-1052 Certificate No. TA18854E Certificate

TYPE APPROVAL

Article

Welding Consumables

Brand

: LB-M52

Applicant

: Kobe Steel, Ltd., Ibaraki Plant

: Ibaraki, Osaka, Japan

Manufacturer

: Kobe Steel, Ltd., Ibaraki Plant

Ibaraki, Osaka, Japan

Grade

KMW53H10

Welding Process

: Manual Welding

Welding Positions and Max. Diameter of Electrode:

See Table 1

Current

: AC and DCEP

Shielding Gas

: Not Applicable

Applicable Parent Material:

High Tensile Steels for Hull

Table 1 Welding Positions and Max. Diameter of Electrode

Table 1 Welding 1 obtained after Max. Planetone			
Butt Weld		Fillet Weld	
Flat:	6.0mm	Flat:	6.0mm
		Horizontal Vertical:	6.0mm
Horizontal:	5.0mm	Horizontal:	5.0mm
Overhead:	5.0mm	Horizontal Overhead:	5.0mm
		Overhead:	5.0mm
Vertical Upward:	5.0mm	Vertical Upward:	5.0mm
Vertical Downward:	Not Applicable	Vertical Downward:	Not Applicable

THIS IS TO CERTIFY that the above mentioned welding consumable has been approved by the NIPPON KAIJI KYOKAI in accordance with the requirements of the Society's Rules.

This Certificate will remain in force until 3 March 2019.

Issued at Tokyo on 8 March 2018.

H. Kobayashi

General Manager

Material and Equipment Department

Note: The validity of this certificate may be renewed by endorsement on the attached sheet upon completion of the annual inspections.



The validity of this certificate has been renewed	The validity of this certificate has been renewed	
until 3, MAR. 2020 .	until 3. MAR. 2025	
Date: 8. MR 2015 Surveyor Class 11	Date: 6. Man All Surveyor Surveyor Casent	
The validity of this certificate has been renewed	The validity of this certificate has been renewed	
until 3. MAR. 2021 .	until 3. MAR. 2026 .	
Date: 6, MAR 2020 Surveyor	Date: 7. MAR 2001/	
The validity of this certificate has been renewed	The validity of this certificate has been renewed	
until 3. NAR. 2022	until	
Date: 5. MAR. 2021 Surveyor Class 11	Date:Surveyor	
The validity of this certificate has been renewed	The validity of this certificate has been renewed	
until 3. WAR. 2023	until	
Date: 7. NAR. 2022	Date:	
Surveyor	Surveyor	
The validity of this certificate has been renewed	The validity of this certificate has been renewed	
until 3. MAR. 2024 -	until	
Date: 6. No.	Date:	
Surveyor	Surveyor	