



# NIPPON KAIJI KYOKAI

## *Certificate*

Approval No. NKY-3243  
Certificate No. TA151130E

OF

### TYPE APPROVAL FOR WELDING CONSUMABLE

Brand : LB-460L  
Manufacturer : Kobe Steel, Ltd., Ibaraki Plant  
Ibaraki, Osaka, Japan  
Kind : Covered Electrode  
Purpose : For High Tensile Steel  
Approval Condition :  
Grade : KMW63Y47H5  
Current : AC or DCEP  
Position : Flat, Horizontal, Vertical Upward and Overhead  
Max. Dia. of Electrode : F : 5.0mm, H : 5.0mm, VU : 4.0mm,  
OH : 4.0mm  
Welding Process : Manual Welding

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 30 September 2016.  
Issued at Tokyo on 1 October 2015.












T. Imamura

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.

<p>The validity of this certificate has been renewed until 30. SEP. 2017</p> <p>Date: 29. SEP. 2017</p> <p><i>K. Akimoto</i> Surveyor</p> 	<p>The validity of this certificate has been renewed until 30. SEP. 2022</p> <p>Date: 27. SEP. 2021</p> <p><i>[Signature]</i> Surveyor</p> 
<p>The validity of this certificate has been renewed until 30. SEP. 2018</p> <p>Date: 12. OCT. 2017</p> <p><i>K. Akimoto</i> Surveyor</p> 	<p>The validity of this certificate has been renewed until 30. SEP. 2023</p> <p>Date: 26. SEP. 2022</p> <p><i>[Signature]</i> Surveyor</p> 
<p>The validity of this certificate has been renewed until 30. SEP. 2019</p> <p>Date: 28. SEP. 2018</p> <p><i>K. Akimoto</i> Surveyor</p> 	<p>The validity of this certificate has been renewed until 30. SEP. 2024</p> <p>Date: 29. SEP. 2023</p> <p><i>[Signature]</i> Surveyor</p> 
<p>The validity of this certificate has been renewed until 30. SEP. 2020</p> <p>Date: 27. SEP. 2019</p> <p><i>[Signature]</i> Surveyor</p> 	<p>The validity of this certificate has been renewed until 30. SEP. 2025</p> <p>Date: 24. SEP. 2024</p> <p><i>[Signature]</i> Surveyor</p> 
<p>The validity of this certificate has been renewed until 30. SEP. 2021</p> <p>Date: 28. SEP. 2020</p> <p><i>[Signature]</i> Surveyor</p> 	<p>The validity of this certificate has been renewed until</p> <p>Date:</p> <p>Surveyor</p>