



# NIPPON KAIJI KYOKAI

## Certificate

Certificate No.

NKY-2381

OF

### TYPE APPROVAL FOR WELDING CONSUMABLE

Brand : LB-80UL  
Manufacturer : Kobe Steel, Ltd., Ibaraki Plant  
Ibaraki-city, Osaka, Japan  
Kind : Covered Electrode  
Purpose : For Quenched and Tempered High Tensile Steel  
Approval Condition ;  
Grade : KMW3Y69H5  
Current : AC  
Position : Flat, Horizontal, Vertical-Upward  
and Overhead  
Max. Dia. of Electrode : F ; 5.0mm  $\phi$ , H ; 4.0mm  $\phi$ , VU ; 4.0mm  $\phi$ ,  
OH ; 4.0mm  $\phi$   
Welding Procedure : 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 the 26th day of April, 2001.  
Issued at Tokyo on the 27th day of April, 2000.



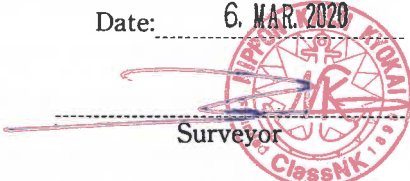

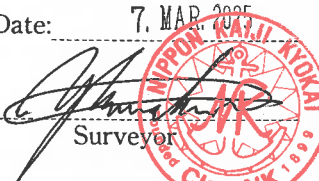

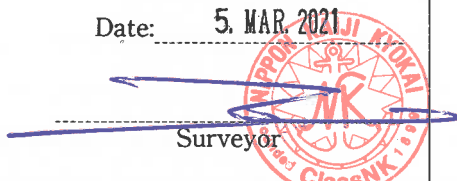

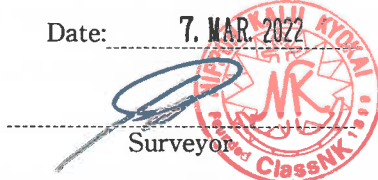

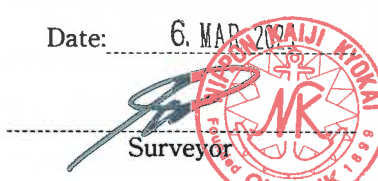



*T. Tsunoda*

( T. Tsunoda )

General Manager of  
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.

Certificate No. NKY-2381

<p>The validity of this certificate has been renewed until <u>26. APR. 2021</u> .</p> <p>Date: <u>6. MAR. 2020</u></p> <p> Surveyor</p> <p></p>	<p>The validity of this certificate has been renewed until <u>26. APR. 2026</u> .</p> <p>Date: <u>7. MAR. 2025</u></p> <p> Surveyor</p> <p></p>
<p>The validity of this certificate has been renewed until <u>26. APR. 2022</u> .</p> <p>Date: <u>5. MAR. 2021</u></p> <p> Surveyor</p> <p></p>	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>
<p>The validity of this certificate has been renewed until <u>26. APR. 2023</u> .</p> <p>Date: <u>7. MAR. 2022</u></p> <p> Surveyor</p> <p></p>	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>
<p>The validity of this certificate has been renewed until <u>26. APR. 2024</u> .</p> <p>Date: <u>6. MAR. 2023</u></p> <p> Surveyor</p> <p></p>	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>
<p>The validity of this certificate has been renewed until <u>26. APR. 2025</u> .</p> <p>Date: <u>6. MAR. 2024</u></p> <p> Surveyor</p> <p></p>	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>