



NIPPON KAIJI KYOKAI

Certificate

Approval No. NKY-2344
Certificate No. TA15289E

OF

TYPE APPROVAL FOR WELDING CONSUMABLE

Brand : NB-1SJ
Manufacturer : Kobe Steel, Ltd., Ibaraki Plant
Ibaraki, Osaka, Japan
Kind : Covered Electrode
Purpose : For Quenched and Tempered High Tensile Steels for Structures
Approval Condition :
Grade : KMW5Y42H5
Current : AC or DCEP
Position : Flat, Horizontal, Vertical Upward and Overhead
Max. Dia. of Electrode : F : 5.0mm, H : 5.0mm, VU : 5.0mm,
OH : 5.0mm
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.


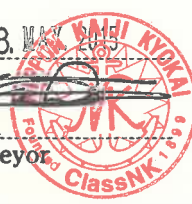



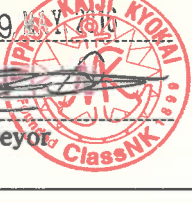





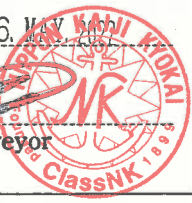

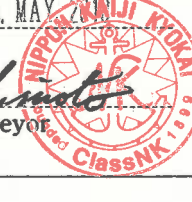


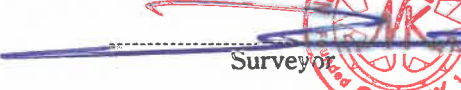

This Certificate will remain in force until 1 June 2015.
Issued at Tokyo on 23 February 2015.



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</p> <p>until <u>1. JUN. 2016</u> .</p> <p>Date: <u>8. MAY 2015</u></p> <p> Surveyor </p>	<p>The validity of this certificate has been renewed</p> <p>until <u>1. JUN. 2021</u> .</p> <p>Date: <u>15. MAY 2020</u></p> <p> Surveyor </p>
<p>The validity of this certificate has been renewed</p> <p>until <u>1. JUN. 2017</u> .</p> <p>Date: <u>9. MAY 2016</u></p> <p> Surveyor </p>	<p>The validity of this certificate has been renewed</p> <p>until <u>1. JUN. 2022</u> .</p> <p>Date: <u>14. MAY 2021</u></p> <p> Surveyor </p>
<p>The validity of this certificate has been renewed</p> <p>until <u>1. JUN. 2018</u> .</p> <p>Date: <u>12. MAY 2017</u></p> <p> Surveyor </p>	<p>The validity of this certificate has been renewed</p> <p>until <u>1. JUN. 2023</u> .</p> <p>Date: <u>16. MAY 2022</u></p> <p> Surveyor </p>
<p>The validity of this certificate has been renewed</p> <p>until <u>1. JUN. 2019</u> .</p> <p>Date: <u>14. MAY 2018</u></p> <p> Surveyor </p>	<p>The validity of this certificate has been renewed</p> <p>until <u>1. JUN. 2024</u> .</p> <p>Date: <u>15. MAY 2023</u></p> <p> Surveyor </p>
<p>The validity of this certificate has been renewed</p> <p>until <u>1. JUN. 2020</u> .</p> <p>Date: <u>14. MAY 2019</u></p> <p> Surveyor </p>	<p>The validity of this certificate has been renewed</p> <p>until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>