



NIPPON KAIJI KYOKAI

Approval No. NKY-3305
Certificate No. TA16544E

Certificate

OF TYPE APPROVAL FOR WELDING CONSUMABLE

Brand: JQ.YJ501-1A
 Applicant: Tianjin Golden Bridge Welding Materials Group Co., Ltd.
 Dongli, Tianjin, China
 Manufacturer: Tianjin Golden Bridge Welding Materials Group Co., Ltd.
 Dongli, Tianjin, China
 Grade: KSW53G(C)H5
 Welding Process: Semi-Automatic Welding (MAG Welding)
 Welding Positions and Max. Diameter of Wire: See Table 1 below
 Current: DCEP
 Shielding Gas: CO₂
 Applicable Parent Material: High Tensile Steels for Hull

Table 1 Welding Positions and Max. Diameter of Wire

Butt Weld		Fillet Weld	
Flat:	1.4mm	Flat:	1.4mm
Horizontal:	1.4mm	Horizontal Vertical:	1.4mm
Overhead:	1.4mm	Horizontal:	1.4mm
Vertical Upward:	1.4mm	Horizontal Overhead:	1.4mm
Vertical Downward:	1.4mm	Overhead:	1.4mm
		Vertical Upward:	1.4mm
		Vertical Downward:	1.4mm

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 14 April 2017.

Issued at Tokyo on 15 April 2016.




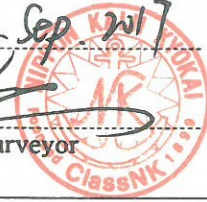





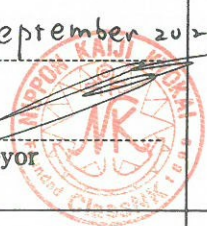




T. Imamura

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 <u>23 Sep 2017</u> .</p> <p>Date: <u>24 Sep 2016</u></p> <p> Surveyor</p> 	<p>The validity of this certificate has been renewed until <u>29 September 2018</u> .</p> <p>Date: <u>30 Sep 2017</u></p> <p> Surveyor</p> 
<p>The validity of this certificate has been renewed until <u>20 September 2019</u> .</p> <p>Date: <u>21 September 2018</u></p> <p> Surveyor</p> 	<p>The validity of this certificate has been renewed until <u>20 September 2020</u> .</p> <p>Date: <u>20 September 2019</u></p> <p> Surveyor</p> 
<p>The validity of this certificate has been renewed until <u>20 September 2021</u> .</p> <p>Date: <u>25 September 2020</u></p> <p> Surveyor</p> 	<p>The validity of this certificate has been renewed until <u>20 September 2022</u> .</p> <p>Date: <u>30 September 2021</u></p> <p> Surveyor</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 _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</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 _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>