



NIPPON KAIJI KYOKAI

Certificate

NKY-2371

[Re-written]

OF

TYPE APPROVAL FOR WELDING CONSUMABLE

Brand : DW-55LSR
Manufacturer : Kobe Steel, Ltd., Ibaraki Plant
Ibaraki, Osaka, Japan
Kind : Semi-Automatic Welding Consumable
Purpose : For High Tensile Steel used to Low Temperature Service

Approval Conditions :

Grade : Manufacturer's Specification
(Equivalent to KSW5Y42G(C)H5)
Current : DCEP
Position : Flat, Horizontal, Vertical Upward,
Vertical Downward and Overhead
Max. Dia. of Wire : F : 1.4mm, H : 1.4mm, VU : 1.4mm,
VD : 1.4mm, OH : 1.4mm
Shield Gas : CO₂
Guaranteed Values : See the reverse side

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 October, 2011.
Issued at Tokyo on the 22nd day of November, 2010.

H. Takano
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.

Guaranteed Values : As welded:

For Deposited Metal

Yield Point $\geq 420\text{N/mm}^2$, Tensile Strength : 530 ~ 680N/mm²,

Elongation $\geq 20\%$,

Absorbed Energy $\geq 47\text{J}$ at -60°C or $\geq 27\text{J}$ at -68°C

For Butt weld

Tensile Strength $\geq 530\text{N/mm}^2$,

Absorbed Energy $\geq 47\text{J}$ at -60°C or $\geq 27\text{J}$ at -68°C

SR(575°C × 1hour):

For Deposited Metal

Yield Point $\geq 420\text{N/mm}^2$, Tensile Strength : 530 ~ 680N/mm²,

Elongation $\geq 20\%$,




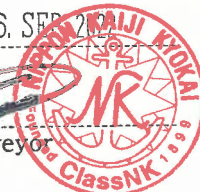

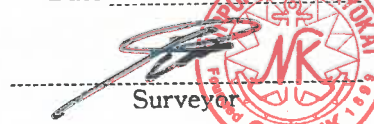





Absorbed Energy $\geq 47\text{J}$ at -60°C

For Butt weld

Tensile Strength $\geq 530\text{N/mm}^2$,

Absorbed Energy $\geq 47\text{J}$ at -60°C



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| <p>The validity of this certificate has been renewed until 26. OCT. 2022 Date: 27. SEP. 2022  Surveyor </p> | <p>The validity of this certificate has been renewed until Date: Surveyor</p> |
| <p>The validity of this certificate has been renewed until 26. OCT. 2023 Date: 26. SEP. 2023  Surveyor </p> | <p>The validity of this certificate has been renewed until Date: Surveyor </p> |
| <p>The validity of this certificate has been renewed until 26. OCT. 2024 Date: 29. SEP. 2024  Surveyor </p> | <p>The validity of this certificate has been renewed until Date: Surveyor </p> |
| <p>The validity of this certificate has been renewed until 26. OCT. 2025 Date: 24. SEP. 2024  Surveyor </p> | <p>The validity of this certificate has been renewed until Date: Surveyor</p> |
| <p>The validity of this certificate has been renewed until Date: Surveyor</p> | <p>The validity of this certificate has been renewed until Date: Surveyor </p> |