Certificate No: 462482-7065574-014

WELDING CONSUMABLE CERTIFICATE

Report No.: 7065574

Port of: Tianjin Port

Date: 29 September 2025

THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF,
TIANJIN GOLDEN BRIDGE WELDING MATERIALS GROUP CO., LTD.
ATTEND THEIR , PLANT AT TIANJIN, P.R.CHINA , ON 21 July 2025 ,
AND ON SUBSEQUENT DATES, IN ORDER TO CARRY OUT A PLANT SURVEY OF FACILITIES AND ASSOCIATED QUALITY ASSURANCE AND QUALITY CONTROL PR

TRADE NAME	SPECIFICATION	GRADE OF ELAS	WELDING GAS	POSITION	CURRENT POLARITY

**Manufacturer's Guaranteed Minimum CVN 43J @ -50°C.
***Manufacturer's Guaranteed Minimum CVN 43J @ -40°C.
The above wire-flux combinations are approved for two run technique, limited to Max.20mm plate thickness.

The wire JQ·MH308L, JQ·MH309L, JQ·MH316L and JQ·MH2209 is manufactured by Jiangsu Golden Bridge We
Co., Ltd. and approved by ABS.

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n Port
, Surveyor

Electronically Sign
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TIANJIN

Certificate No : 462482-

Certificate No.: 462482-7065574-012

WELDING CONSUMABLE CERTIFICATE

https://ABSeCert.Eagle.org

Report No.: 7065574

Port of: CN Tianjin Port

Date: 29 September 2025

THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF TIANJIN GOLDEN BRIDGE WELDING MATE

of classification and
tation of this Certificate is governed by the
ineer in contemplation of this certificate shall be

Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Certificate shall be deemed to relieve any design

Certificate No.: [redacted]574-013

Welding Consumable C[redacted]

[redacted]

[redacted]ABLE OF PROVIDING AN ACCEPT[redacted] UNIFORM PRODUCT, AND THAT EACH WELDING CONSUMABLE LISTED [redacted]LOW WAS FOUND IN C[redacted]OMPLIANCE WITH T[redacted]ECIFICATION INDICATED AND IS ELIGIBLE TO BE PLACED ON THIS BUREAU'S APPROVED WELDING CO[redacted]ABLES LIST IN THE SHIELDED METAL ARC WELDING SECTION:

TRADE	SPECIFICATION	GRADE	SHIELDING	POSITION	CURRENT/	SIZE
[redacted]	[redacted]	[redacted]	[redacted]	All	AC/DCEP	[redacted]5.0mm
JQ·S2594*	AWS A5.4	E2594-16	-	All	AC/DCEP	2.5-5.0mm

*Manufacturer's Guaranteed Minimum [redacted]J @ -20°C.
***Manufacturer's Guaranteed Minimum CVN 34J @ -40°C.
***Manufacturer's Guaranteed Minimum CVN [redacted]J @ -50°C.

Electronically Signed By
Chen, Yao, CN Tianjin Port
Surveyor

Rules, guides, standards or other criteria of American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, resentation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate has met one or can Bureau of Shipping as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classific s of limitation of the vessel's service or surveys. The validity, applicability and interpretation of this Certificate is governed by the an the sole judge thereof. Nothing contained in this Certificate or in any notation made in contemplation of this Certificate shall be supplier, repairer, operator or other entity of any warranty express or implied.

Note: This Certificate evidences compliance with one or more of th its clients or other authorized entities. This Certificate is a r more of the Rules, guides, standards or other criteria of Ame w the survey records for a fuller description of any restrict Rules and standards of American Bureau of Shipping who shall re

Certificate No.: 46[illegible]95041-015

WELDING CONSUMABLE CERTIFICATE

ON 22 September 2025 , AND ON SUBSEQUENT DATES, IN ORDER TO CARRY OUT A PLANT SURVEY OF FACILITIES AND ASSOCIATED QUALITY ASSURANCE [illegible]ALITY CONTROL PROCEDURES AND TO WITNESS AND REPORT ON THE ANNUAL APP[illegible]AL TESTING OF WELDING CONSUMABLES; AND,

THAT THE FACILITY IS CO[illegible]

JQ·J506D	ABS	4YH5	-	All	AC/DC	2.5-4.0mm

Electronically Signed By
Chen, Yao, CN Tianjin Port
Surveyor

ABS TIANJIN

Note: This Certificate evidences compliance with one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping and is issued solely for the use of the Bureau, its c[illegible]

[illegible]ssue. Parties are advised to review the Rules for the scope and conditions of classification to review the survey records for a fuller description of any restrictions or limitation on the vessel's service or surveys. The validity, a[illegible]ability and interpretation of this Certificate is governed [illegible] deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.

Certificate No.: 462482-7195041-016

WELDING CONSUMABLE CERTIFICATE

https://ABSeCert.Eagle.org

Report No.: 7195041

Port of: CN Tianjin Port

Date: 21 November 2025

THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR AT THIS SUBORDINATE OFFICE AT THE REQUEST OF
TIANJIN GOLDEN BRIDGE WELDING MATERIAL GROUP CO., LTD.

Certificate No.: 462482-7195041-017

WELDING CONSUMABLE CERTIFICATE

https://ABSeCert.Eagle.org

Report No.: 7195041

TO BE PLACED ON THIS SURVEY OF APPROVED WELDING CONSUMABLES LIST IN THE SUBMERGED ARC WELDING SECTION.

JQ·H08MnA/JQ·SJ101	ABS	3M	-	-	AC/DC
JQ·H08A/JQ·SJ101	ABS	3M	-	-	AC/DC
JQ·H10Mn2/JQ·SJ101	ABS	[illegible]	-	-	DCEP
JQ·H10Mn2/JQ·SJ101	ABS	3YT(two-wire)**	-	-	[illegible]
JQ·EH13/JQ·SJ101	ABS	[illegible]	-	-	DCEP

*The above welding consumable combination is certified under Two-wire tandem technique, limited to Max.15mm plate thickness.

**The above welding consumable combination is certified under "Two-wire tandem technique, limited to Max.32mm plate thickness. One wire is with current AC and the other is with current DC.

Electronically Signed By
Chen, Yao, CN
Surveyor

MAT-WC-CERT REV 100.06

Note: **This Certificate evidences compliance with one or more of the Rules, guides, standards or other criteria of** American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Certificate is a representation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a fuller description of any restrictions or limitation on the vessel's service or surveys. The validity, applicability and interpretation of this Certificate is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Certificate or in any notation made in contemplation of this Certificate shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.

Certificate No.: 462482-7195041-018

WELDING CONSUMABLE C[illegible]ICATE

Report No.: 7195041[illegible]

T AT TIANJIN, P.R.CHINA
AND ON SUBSEQUENT DATES, IN ORDER TO CARRY OUT A PLANT SURVEY OF FACILITIES AND
SSURANCE AND QUALITY CONTROL PROCEDURES AND TO WITNESS AND REPORT ON THE
VAL TESTING OF WELDING CONSUMABLES AND

ATTEND THEIR PLA
ON 22 September 2025
ASSOCIATED QUALITY A
ANNUAL APPRO

THAT THE FACIL

Certificate No.: 462482-7195041-018

Electronically Signed By
Chen, Yao, CN Tianjin Port
Surveyor II

Note: This Certificate evidences compliance with one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping and is issued solely for the use of American Bureau, its committees, its clients or other authorized entities. The validity, application or interpretation of this Certificate is governed by the Rules, guides, standards or other criteria of American Bureau of Shipping.

Certificate No.: 462482-723489

Welding Consumable Certificate

Certificate No.: 462482-7234891-012

WELDING CONSUMABLE CERTIFICATE

https://ABSeCert.Eagle.org

Report No.: 7234891

Port of: CN Tianjin Port

Date: 03 December 2025

THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF
TIANJIN GOLDEN BRIDGE WELDING MATERIALS GROUP CO., LTD.
ATTEND THEIR PLANT AT TIANJIN, P.R. CHINA,
ON 03 November 2025 , AND ON SUBSEQUENT DATES, IN ORDER TO CARRY OUT PLANT SURVEY OF FACILITIES AND
ASSOCIATED QUALITY ASSURANCE AND C