



中國驗船中心
CR Classification Society

Certificate No. 985-23-015

Date March 28, 2023

工廠認可證書
WORKS APPROVAL CERTIFICATE

This is to certify that the works of

SHIN YANG STEEL CO., LTD.

has been approved by CR Classification Society in accordance with the requirements given in *CR Rules and Regulation for the Construction and Classification of Steel Ships, Part XI Materials* as a recognized manufacturer of the products of

Steel Pipes for Low Temperature Service

for use in ships classed or intended to be classed with the Society.

This certificate is valid until **March 27, 2028**

CHIEN-HUA HUANG

中國驗船中心 總驗船師

Chief Surveyor

CR Classification Society

(See next page for further details regarding the approval.)

* This certificate evidences that the works of the Manufacturer has been assessed to be in compliance with the specified CR Rules or Guidelines and to be capable of providing the listed products. This Certificate may be cancelled by CR Classification Society if the applicant makes any changes or modifications relevant to the approval, which have not been notified to, and agreed in writing with the Society. Any person not a party to the contract pursuant to which this document is delivered may not assert a claim against CR Classification Society for any liability arising out of errors or omissions which may contained in said documents, or for errors of judgment, fault or negligence committed by personnel of the Society.

Please refer to the CR website for the latest status of this approval: www.crclass.org/aw0/aw0.htm

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Name of Manufacturer:

鑫陽鋼鐵股份有限公司
SHIN YANG STEEL CO., LTD.

Address of Manufacturer:

高雄市橋頭區芋寮路 297 號
No. 297, Yuliao Rd., Qiaotou Dist., Kaohsiung City 825, Taiwan

Product Specification:

Steel Pipes for Low Temperature Service:

Material Grade	Manufacturing method	Outer diameter [mm] (inch)	Nominal wall thickness [mm]
P31L	Electric resistance welded pipes	21.7 – 165.2 (1/2 – 6)	2.8 - 5.0

The hydraulic test was carried out in accordance with the requirement of CR Rules and CNS 6333.

Related Documents & Remarks:

1. Products are to be inspected in accordance with CR Rules before delivery.
2. Periodical assessment:
The intermediate audit is to be carried out within 3 months before or after the second anniversary date or within 3 months before or after the third anniversary date of the certificate. The intermediate audit will include, but not be limited to, confirmation of operation of the manufacturer's quality system, compliance of production procedures with the technical documents accepted at the time of type approval, purchase control of raw materials, components and parts, use of survey marks and approved product logos, languages required to be used in nameplates and operation instructions, product quality feedback. In case where the intermediate audit items mentioned above are not practical, considerations will be given by the Society on a case-by-case basis.

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