



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS
No. FAB023622PU**

This is to certify that the manufacture of the product identified below is in compliance with the applicable requirements of the RINA Rules for the Approval of Manufacturers of Materials.

<i>Description</i>	Welded steel pipes
<i>Type</i>	Carbon and carbon- manganese steel pipes for pressure systems
<i>Manufacturer</i>	HUSTEEL CO., LTD.
<i>Place of manufacture</i>	150, Daebulsandan 3-ro, Samho-eup, 58452 Yeongam-Gun (Jeollanam-do) REPUBLIC OF KOREA
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **PUSAN** on **April 4, 2022**. *This Certificate is valid until* **April 5, 2027**



RINA Services S.p.A.
Dong-Hun Lee

This certificate consists of this page and 1 enclosure



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**Carbon and carbon- manganese
steel pipes for pressure systems**

APPROVAL CONDITIONS

- Size range:

Outside diameter: max. 610 mm

Wall thickness: max. 22 mm

- Welding method: longitudinally electrical resistance welding (ERW)

- Heat treatment: Normalizing

-Non destructive examination: ultrasonic test for the welded seam

Survey condition: the products are to be in compliance in all respects with the relevant RINA Rules and are to be tested accordingly.

General conditions for the approval

-The approval is granted on condition that the RINA Rules for the approval, manufacture, testing and certification of materials are complied with in all respects.

-RINA is to be notified of any change of materials, manufacturing process, quality control routines that may affect the validity of this certificate.



A handwritten signature in black ink, appearing to be 'JL', is written over the RINA logo.

PUSAN April 4, 2022