



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS
No. FAB030126MI/002**

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>	Steel plates for boilers and pressure vessels
<i>Type</i>	C-Mn steel type 360-410-460-510 GRADES HA-HB-HD
<i>Manufacturer</i>	MAKSTIL A.D.
<i>Place of manufacture</i>	UL. 16 MAKEDONSKA BRIGADA BR. 18 Skopje NORTH MACEDONIA
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **RINA Milan Marine** on **April 23, 2026**. *This Certificate is valid until* **April 18, 2031**

**RINA Services S.p.A.
Giovanni Carratino**

This certificate consists of this page and 1 enclosure

FAB030126MI/002
C-Mn steel type 360-410-460-510 GRADES HA-HB-HD

APPROVAL CONDITIONS

Steel plates for boilers and pressure vessels

Steel making process, chemical composition and mechanical properties: the plates are to comply in all respect with relevant RINA Rules (Part D, Ch. 2, Sec. 1, Par.4)

Casting process: Continuous Casting

Condition of supply and thickness:

Steel grades	Condition of supply and max. thickness
360HA/HB/HD - 410HA/HB/HD - 460HB/HD 510HB/HD	Controlled rolled - 50 mm

The approval is also valid for the equivalent pressure vessel steel grades according to EN 10028.

Survey conditions: the products are to be in compliance in all respects with the relevant RINA rules and are to be tested accordingly. Minus tolerances on thickness are not admitted.

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.