



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**

No. FAB121019XT/001

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 and Iron casting
<i>Type</i>	Grey iron castings; Nodular graphite iron castings; Stainless steel castings; C and C-Mn and alloy steel castings in compliance with the RINA Rules or equivalent recognized standards
<i>Manufacturer</i>	GURSETAS DOKUM SANAYI VE TICARET LTD.STI.
<i>Place of manufacture</i>	TOSB-TAYSAD ORGANIZE SANAYI BOLGESI, 1.CADDE, NO.19 41480 SEKERPINAR,CAYIROVA,KOCAELI TURKEY
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **ISTANBUL** on **January 24, 2020**. *This Certificate is valid until* **December 29, 2024**




RINA Services S.p.A.
Volkan Kocyigit

This certificate consists of this page and 1 enclosure



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Grey iron castings

Nodular graphite iron castings

Stainless steel castings

C and C-Mn and alloy steel castings in compliance with the RINA Rules or equivalent recognized standards

APPROVAL CONDITIONS

Product	Heat treatment
C-Mn Steel	840-950°C normalization
	830-900°C in water or oil cooling
Alloyed Steel	860-1000°C air cooling
	500-650°C temper
Mn Steel	1020-1080°C in water cooling
Stainless Steel	1000-1100°C in water cooling
Cast & Ductile Iron	Heat treatment not done

General conditions for the approval

-The approval is granted on condition that the RINA Rules for the approval, manufacture, testing and certification of