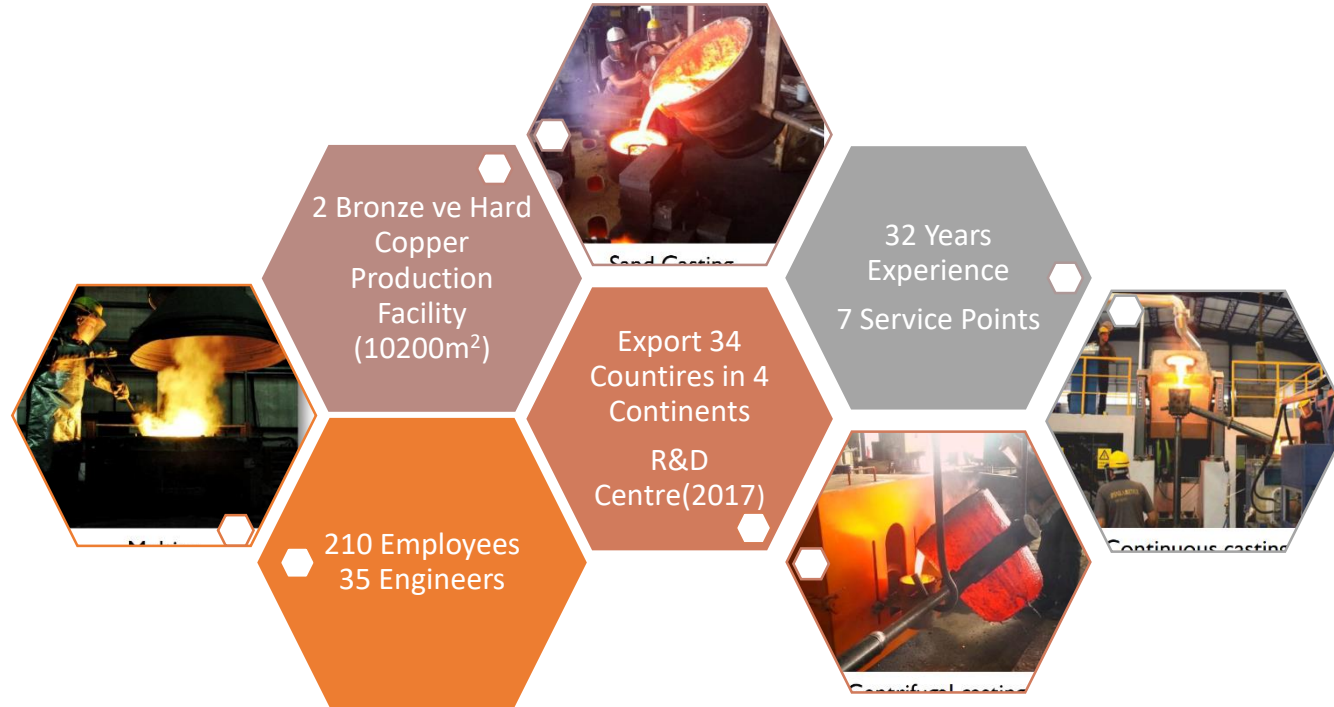


SAGLAM  **METAL**

Metal Sağlamdır

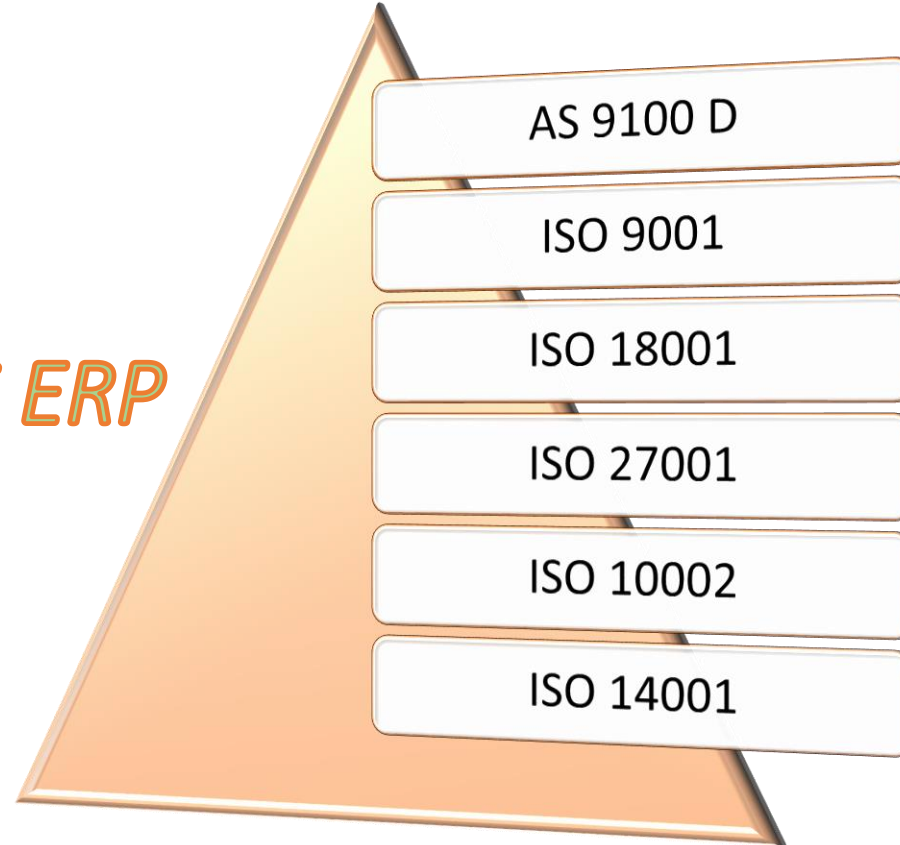
COMPANY INFORMATION

Founded in 1997 in Gebze, Sağlam Metal casting hard copper alloys, aluminum bronzes, tin bronzes and brass with modern production methods in Gebze and Balıkesir factories. Our company provides products to machinery, aviation, rail systems, automotive, white goods and construction sectors.



Quality Certificates

CANIAS ERP



Documents Owned by Our Company


Türkiye Cumhuriyeti
Sanayi ve Teknoloji Bakanlığı
Ar-Ge Teşvikleri Genel Müdürlüğü

TEKNOLOJİK ÜRÜN DENEYİM BELGESİ

Belge Numarası : TÜR 2019/0871

Bu belge, 4734 sayılı Kamu İhale Kanunu'nun 10.maddesi f bendine dayanılarak 17.9.2020 tarihinde tanzim edilmiş ve ürünün/hizmetin piyasaya arz tarihinden itibaren 5 yıl süre ile geçerli olmak üzere verilmiştir.

e-İmzalıdır
Zekeriya COŞTU
Genel Müdür



Belge Geçerlilik Tarihi : 31.5.2022
*Firma ve Proje bilgileri belgenin arka yüzündedir.

ZEKERİYA COŞTU
17.09.2020


YERLİ MALİ BELGESİ


Belgenin Yerli Tarih : 02.05.2019 Belgenin Geçerlilik Tarihi : 02.05.2020 Belge No : 2019168543581
Üretici Ünvanı: SAĞLAM METAL SANAYİ VE TİCARET ANONİM ŞİRKETİ-GERZE ŞUBESİ

İşyeri Adresi: Cumhuriyet Mah. İnönü Cad. NO:42 ÇAYIROVA/KOCAELİ

Üreticinin Vergi Kimlik No: 7380466601 TC Kimlik No: MERSİS No : 9657743729264944

Telefon: 262-6581290 E-posta: info@saglammetal.com
Faks: 262-6581292 Web Adresi: www.saglammetal.com

Ticaret Sicil No: 8808 Üye Sicil No: 1986

Ürün Adı: Bakır alaşımları (İmalat sanayi için mühtelif makina ve aksamına ait yedek parçalar vb.)
Ürün Kodu (PRODCOM/GTİP): 24.54.10.50.00 /
Teknik Özellikleri(Marka Adı, Modeli, Seri Numarası, Cinsi): BAKIR ALAŞIMLARI (UÇAK İNİŞ TAKIMLARI BRONZ YATAK)

Kapasite Raporunun Tarih :15.11.2017 No : 37002 Geçerlilik Süresi :15.11.2019
Sanayi Sicil Belgesinin Tarih : 07.12.2010 No : 572218

Yerli Katkı Oranı : % 87,36

Ürünün Teknolojik Düzeyi (düşük/orta-düşük/orta-yüksek/yüksek)(Eurostat) : orta-düşük

Diğer bilgi ve belgeler :

İşbu belge Bilim, Sanayi ve Teknoloji Bakanlığı'nın 13/09/2014 tarih ve 29118 sayılı Resmî Gazetede yayımlanan "Yerli Mali Tebliği (SGM 2014/35)" ne istinaden ve TOBB tarafından hazırlanan "Yerli Mali Belgesinin Düzenlenmesi Uygulama Esaslarına" göre 02.05.2019 tarihinde düzenlenmiştir. Belgenin geçerlilik süresi veriliş tarihinden itibaren bir yıl geçerlidir.

Düzenleyen Oda/Borsa
KOCAELİ SANAYİ ODASI

Gözetmen
B. Aytaç AKYILDIZ
Temsilci





- Our R&D center was established in 2011 in order to professionalize R&D studies.
- Besides of producing and selling products, our company gives priority and importance to quality and R&D studies and allocates a very high budget for these studies. In this context, we have 4 trademark registrations and 6 patent applications. Currently, TEYDEB, HAMLE, KOSGEB and our internal projects are carried out.

Milestones



Founded in 1997 by Metallurgical Engineer Hakan Koçak

7 service points with 2 bronze and hard copper alloys facilities covering a total area of 10,200 square meters

International reference status by establishing BOLOKUR Technical Publishing company,

In 2000, Business partnership with Germany's long-established tool steels manufacturer, Dörrenberg Edelstahl

6 TEYDEB projects that have been approved and successfully completed,

Ongoing 1 TEYDEB, 12 Internal Projects

Products - Industries



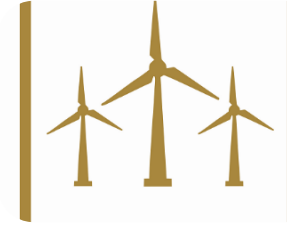
OTOMOTİV



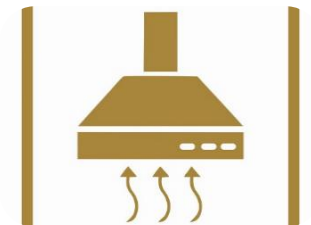
AVIATION AND
AEROSPACE



IRON-STEEL



ENERGY



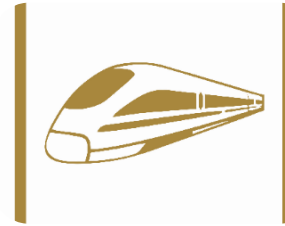
WHITE GOODS
ELECTRONICS



MEDICAL



MARINE



RAILWAY



SPARE PARTS



PETRO CHEMICAL
MINING

Activity Areas

The main products that produced in our facility:

1- Steel

a. Tool Steels

- Cold Work Tool Steels
- Hot Work Tool Steels
- Plastic Mould Steels
- High-Speed Steels
- Powder Metallurgy Steels
- New Generation Tool Steels

b. Stainless Steels

c. Nitriding Steels

2- Copper

- Sinking Erosion Coppers
- Pistonluk bakırlar
- Spot Welding Electrodes
- Tungsten Coppers

- Beryllium Coppers for Plastic Injection Moulds
- Beryllium Coppers for Plastic Welding
- Coppers for Stainless Steel Spot Welding

3- Bronzes

- Bronzes for Plastic Moulds
- Deep Drawing and Drawing Bronzes
- Bronzes for bushings

4- Machining Metal

- Casting
- Automotive Parts
- Iron and Steel Products
- Tube Products
- White Good Products



Hard Copper Alloys

CUPROMAX – C18150, C18200, C18400

APPLICATION AREAS

- Resistance welding tips and discs of mild steels and galvanized steel sheets for high production rates.
- Steel or aluminium continuous molds
- Ingot moulds for gravity die casting of copper and brass
- Electrodes of spark erosion machines(E.D.M)
- Electrical equipment components, studs and contacts
- Sealing tools,ingot, moulds or cooling inserts
- All welding tools



CUPROB2 – C17200, C17300

APPLICATION AREAS

- Flash welding dies, rim and chain welding,
- In the plastic moulds as chill plates and inserts in the moulds, cooling pins and neck rings or bottom plates for blow moulds of plastic bottles,
- Parts for electrical components,
- Safety tools due to non-sparking, non-magnetic and corrosion resistant features,
- Using at Aerospace Industries.



Hard Copper Alloys

CUPROCB (CuCo2Be) – C17500

APPLICATION AREAS

- Spot welding electrodes and seam welding discs for stainless steel, Monel and Nickel alloys
- Flash welding dies, wire mesh electrodes
- Plastic blow and injection moulds and insert in steel tools for higher cooling rates
- Nozzles and needles for hot runner systems
- Plunger tips in aluminium die casting machines
- Moulds for non-ferrous metal casting (as copper, brass, bronze)
- Welding tools in plastic packaging



CUPROCNB (CuCoNiBe) – C17500

APPLICATION AREAS

- Spot welding electrodes and seam welding discs for stainless steel, Monel and nickel alloys
- Flash welding dies, wire mesh electrodes
- Plastic blow and injection moulds and inserts in steel tools for higher cooling rates
- Nozzles and needles for hot runner systems
- Plunger tips in aluminium die casting machines
- Moulds for non-ferrous metal castings (as copper, brass, bronze)
- Welding tools in plastic packaging



Hard Copper Alloys

CUPRO NS / NSS (CuNi2SiCr) – C18000

APPLICATION AREAS

- Spot welding electrodes, seam welding discs, projection and butt welding dies for stainless Steel and Monel
- Electrode holders and seamwelding shafts
- Plastic injection mould parts and inserts, injection nozzles and cooling pins
- Nozzles and needles for hot runner systems
- Plunger tips for cold chamber aluminium and magnesium die casting machines
- Chill moulds for non-ferrous metal castings (as brass, bronze)
- Brake drums for paper winding rolls
- Plastic injection mould parts and inserts, injection nozzles and cooling pins
- Electrode holders and seam welding shafts

CUPROCNB (CuCoNiBe) – C17500

APPLICATION AREAS

- Spot welding electrodes and seam welding discs for stainless steel, Monel and nickel alloys
- Flash welding dies, wire mesh electrodes
- Plastic blow and injection moulds and inserts in steel tools for higher cooling rates
- Nozzles and needles for hot runner systems
- Plunger tips in aluminium die casting machines
- Moulds for non-ferrous metal castings (as copper, brass, bronze)
- Welding tools in plastic packaging



Aluminium Bronzes

CUPRAL 2 (CuAl10Fe3Mn/ CuAl10Fe3Mn2) – C62400, C62500

APPLICATION AREAS

- Bearings, Bushings, Gears, Worm Wheels, Sleeves, Guides, Wear Plates, Screw Nuts, Slippers, Wedges, Skids, Valve Seats and Guides, Gibs and Slides
- and Using at quite a few application of Aerospace Industry, Automotive Manufacturing and Manufacturing Industry.

CUPRAL 4M (CuAl10Ni5Fe4/ CuAl10Ni5Fe3 / CuAl11Fe4Ni4) – C95500, C93500, C63020

APPLICATION AREAS

- Bending dies (shoes, wiper dies and mandrels) for the tube bending industry,
- Wear and guide plates,
- Aircraft landing gear bearings and bushings,
- Gear wheels.



Aluminium Bronzes

CUPRAL 5M (CuAl10Fe / CuAl10Fe2 / CuAlFe3/ CuAl10Fe3) – C63200, C63000, C95800, C95520, C95510

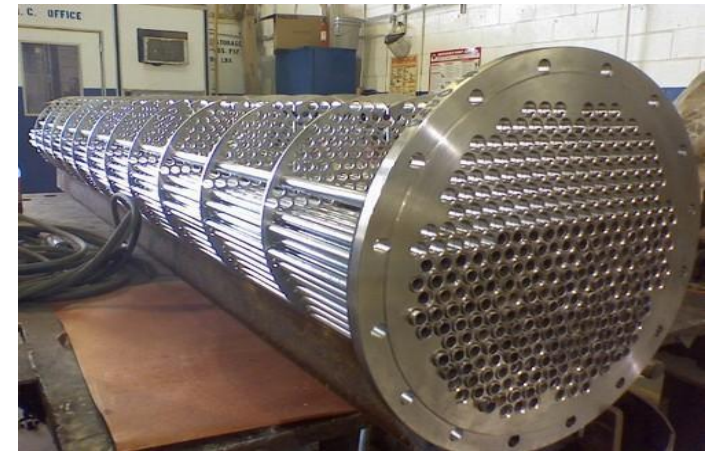
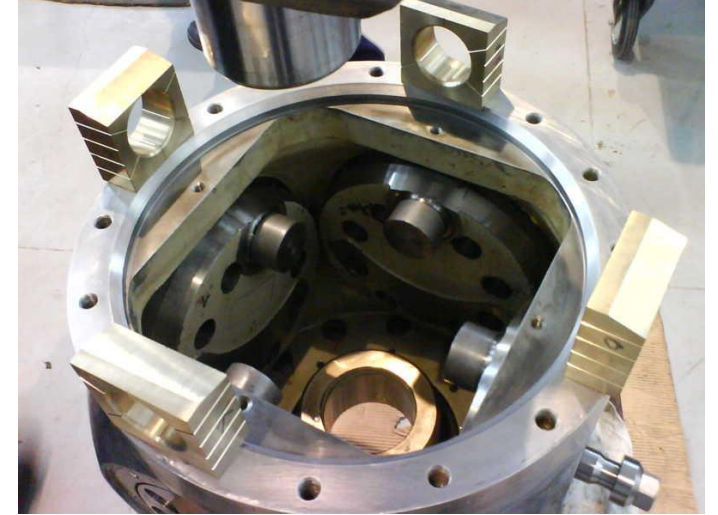
APPLICATION AREAS

- Used in the pipe industry; Bending and correction components (spoons and mandrels),
- Wear resistant machine parts,
- Aircraft landing gear materials.

CUPRAL 4 (CuAl10Ni5Fe4/ CuAl10Ni5Fe3 / CuAl11Fe4Ni4) – C95400

APPLICATION AREAS

- Bending dies (shoes, wiper dies and mandrels) for the tube bending industry,
- Wear and guide plates,
- Aircraft landing gear bearings and bushings,
- Gear wheels.



Aluminium Bronzes

CUPRAL 6® – Wear Resistance Aluminium Bronze Code:Patented by Saglam Metal

APPLICATION AREAS

- Bending tools
- Forming die and roller
- Wear plate
- Flow Forming tools



CUPRAL 8® Sheet Metal Forming Aluminium Manganese Bronze Code:Patented by Saglam Metal

APPLICATION AREAS

- In stainless steel deep drawing dies
- In mandrel pipe bending tools
- Pipes and drums forming
- Machine parts requiring wear resistance
- Supply reels in the manufacture of pipes



Aluminium Bronzes

CUPRAL 10® – Sheet Metal Deep Drawing Aluminium Manganese Bronze
Code:Patented by Saglam Metal

APPLICATION AREAS

- Deep-drawing dies of stainless steel,
- In mandrel pipe bending tools
- Pipes, tube and drums forming
- welding rolls.
- Machine parts requiring wear resistance
- Supply reels in the manufacture of pipes



Aluminium Brass

CUPRASS 1(CuZn35Al1) – 2 (CuZn34Al2) – CUPRASS 3(CuZn25Al5)

C21000, C22000, C23000, C24000, C26000, C27000, C28000, C31400, C34500, C35300, C36000, C37700, C38500, C44300, C46400, C48200, C65620, C68700, C75200, C86300, C86400

CuZn5, CuZn10, CuZn15, CuZn20, CuZn30, CuZn33, CuZn40, CuZn9Pb2, CuZn35Pb1, CuZn37Pb2, CuZn36, CuZn39Pb2, CuZn28Sn1As, CuZn38Sn1, CuZn37Pb1Sn1, CuSi3Zn3Fe2, CuZn20Al2As, CuNi18Zn20, CuZn40, CuZn40, CuZn19Al6

APPLICATION AREAS

- Bearings, operating at low and high speeds.
- Worm screw and gear manufacturing.
- Slipper and press bushing and slide bearings.
- As a gearbox reinforcement pin in heavy vehicles which working with high stroke.
- Ship parts and propellers due to high corrosion resistance.
- It can be used instead of brass and bronze in spot welding electrodes holders.

Tin Bronze

CUPTIN SERIES

C51000, C52100, C54400, C83600, C93200, C90500, C90700, C91700, C93200, C93700, C93800, C94100, C96900, C96970

CuSn5, CuSn8, CuSnSZnPb, CuSn7, CuSn12Zn, CuSn10, CuSn12Zn, CuSn7, CuNi15Sn8, CuNi9Sn6, CuSn8P

APPLICATION AREAS

- For bushings operating at low and high speed.
- Worm screw and gear manufacturing.
- Slipper and press bushing and slide bearings.
- It is used as gearbox replenishment pin in heavy vehicles that working with high stroke.

Thank You!

www.saglammetal.com



15.01.2021