



RIGHT QUALITY



RIGHT PRICE



RIGHT DELIVERY

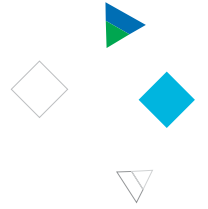
ISO 9001
BUREAU VERITAS
Certification



SWITCHGEAR COMPONENTS

TRANSFORMER COMPONENTS

OLTC COMPONENTS



Suraj Foundries is a leading market player in the Transformer & Switchgear industry. Since our inception in 1992, we have served our customers for more than 32 years with loyalty and have provided them with a diverse range of high quality switchgear parts and assembly components.

With a wide client base and quality certifications, Suraj Foundries is constantly striving to produce parts that meet the most stringent quality requirements of the Electrical Switchgear Industry and consequently add value to all aspects of our business.

Our core values, quality-driven manufacturing, commitment towards our customers, cost-effective and speedy delivery make us one of the best resources not only in domestic but also in international electrical switchgear market.



OUR GENESIS



**Founding Father
Late Mr. Jokharam Pal**

- 1958: Our founding father set his foot in the industry as a non-ferrous caster.
- 1961 : Late Mr. Jokharam Pal established his Proprietor firm "M/s Hindustan Foundry". With this began the manufacture of brass rods to cater the needs of the electrical market.
- 1972 : Hindustan Foundry became the primary supplier for brass rods in the Western Mumbai Region.

OUR GENESIS

- 1992: Establishment of M/s. Suraj Foundries Pvt Ltd
- 1993: We diversified our range of brass products to suit Our customer demands
- 1994: Die casting plant was installed at Suraj Foundries for OLTC products
- 1998: Forging plant was installed at Suraj Foundries for OLTC products
- 2005: We expanded our facilities o meet customer demands and manufacturing time lines. The forging plants were upgraded with 3 more machines.
- 2007: Suraj Foundries became a Six Sigma Certified endor for Crompton Greaves Ltd
- 2018: Introduced ERP Baan 5/W system in the organization to ensure transparency and efficiency

FORGING

Variety of Forged Components Ranging from 25 gm up to 15 kg net weight.

- We are specialized in Copper forging and among the leading forged component producers in India. With the purpose of facility expansion various upgrades been defined and completed. We have installed a fully equipped metal drop forging facility in Suraj Foundries
- Suraj Foundries has a total of 4 hot forging machines and 2 cold forging machines with a power rating ranging from 100 tons to 500 ton.
- Equipment like friction screw presses and overall facility designs provide us means to forge in a wide variety of materials assemblies with improved micro structure, fine grain size, better fatigue resistance and greater strength.

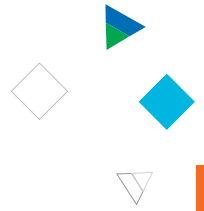


MACHINING

Extensive in - house machining capabilities to offer Finished Machined Forgings and Tooling Production

- Our capability for in-house machining gives us the advantages to offer customized finished machined forgings as per customer requirements.
- We carry out a full range of complex or simple machining operations on our forged components.
- Our specializations in machining include:
 - 3 CNC machining and turning centers of different ratings that cater to a wide range of machined parts.
 - 7 VMC with up to 1000 mm x 500 mm x 500 mm beds.
- Our team skilled engineers, experienced technicians and customer - oriented management always there to understand your demands and assist you in procuring desired components that are designed and fully optimized for the drop forging process.





We specialize in the designing and development of the most complex dies, tools, jigs and fixtures for the manufacture of customized precision parts.

In-house development of tools, jigs and fixtures is possible with the support of our up to date machinery.

COMPONENT TOOL DESIGN

We Design Our Own Tool Used For Forging and Machining Components

Our team of skilled engineers, experienced technicians and customer-oriented management always there to understand your demands and assist you in procuring desired components that are designed and fully optimized for the forging process.



We specialize are in the designing and development of the most complex dies, tools, jigs and fixtures for the manufacture of customized precision parts.

In-house development of Tools, Jigs and Fixtures is possible with the support From our up to date Machinery.

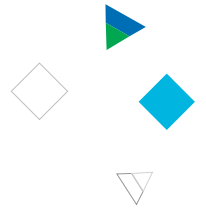
SURFACE FINISHING

We offer several surface finish options to suit customer requirements .

Customer requirements for surface finishing including plating, galvanizing and passivation are carried out by our approved specialist sub-contractors most of whom are located in the near by vicinity.



SWITCHGEAR



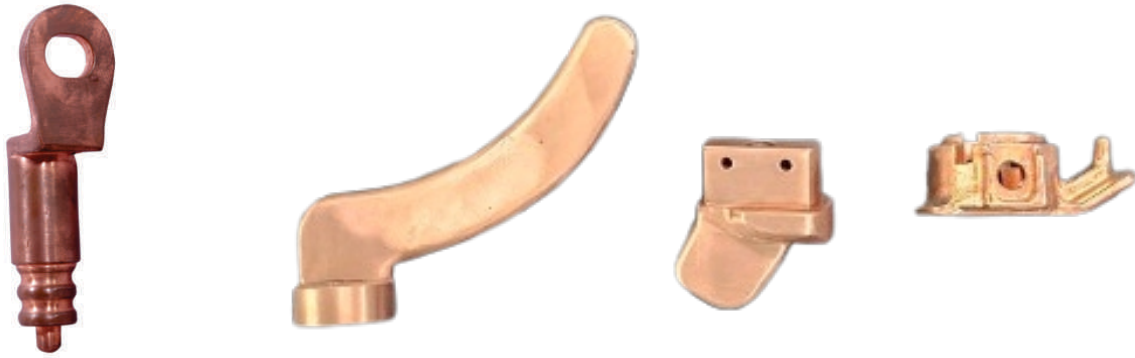
FORGED PARTS

Capacity : We Provide Copper, Brass & Aluminum Forging Components ranging From 50gm to 15kg

Material : ETP Copper and Copper alloys, Aluminium and Brass.

Sizes : As per customer specification.

Plating : Silver, Tin or any other up to 30 microns.



PRESS PARTS

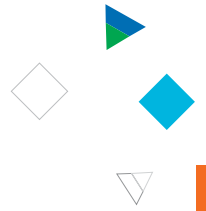
Capacity : We produce highly complex and accurate press parts on high tonne presses

Material : ETP Copper and Copper alloys, Aluminium and Brass.

Sizes : Width 5 to 200 mm thickness 0.5 to 20 mm

Plating : Silver, Tin or any other up to 30 microns.





MACHINED PARTS

Capacity : We produce accurate machined Components parts on conventional as well as CNC, VMC and turn mill center machines.

Material : ETP Copper and Copper alloys, Aluminium and Brass.

Sizes : As per customer specification.

Plating : Silver, Tin or any other up to 30 microns.



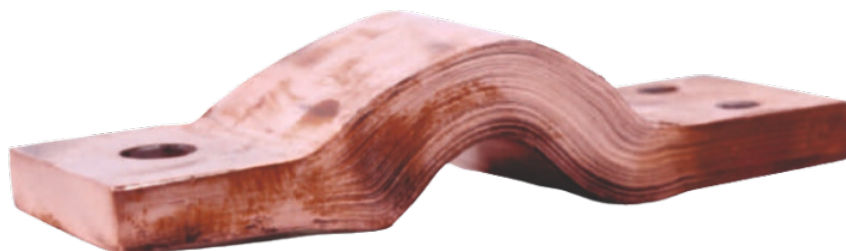
LAMINATED FLEXIBLES

Capacity : We have b using machines for solidifying strips from size 5mm to 40mm

Material : ETP Copper and Copper alloys

Sizes : As per customer specification.

Plating : Silver, Tin or any other up to 30 microns.



TRANSFORMER



TRANSFORMER BUSHING METAL PARTS

▶ Indian Standard - as per IS3347



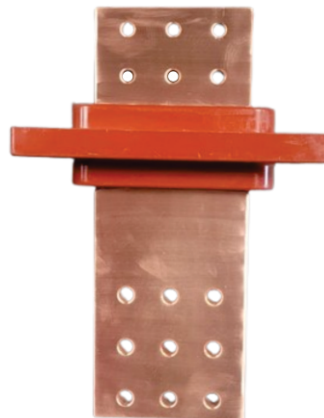
▶ British Standard - as per BS2526



▶ NBR Standard Metal Parts



▶ Copper Parts used in LV Epoxy Bushing



LUGS & SPLICES

Copper Lugs – Reliable Connections for Every Application

Overview

Copper lugs are essential components in electrical systems, designed to connect cables securely to devices, terminals, and power distribution systems. Engineered for high conductivity and durability, our copper lugs ensure safe, long-lasting electrical connections in a wide range of industrial, commercial, and residential applications.

Key Features

- High Conductivity: Made from 99.9% pure electrolytic copper for maximum electrical performance.
- Corrosion Resistant: Tin-plated finish protects against oxidation and enhances longevity.
- Robust Construction: Manufactured using precision forging or extrusion for superior strength and reliability.
- Ease of Installation: Designed with a flared barrel and chamfered edges for quick, hassle-free cable insertion.
- Wide Range: Available in multiple sizes, types, and configurations to suit every application.

Standards & Quality

Our copper lugs comply with international quality standards such as IEC, BS, AWG, DIN and are tested for:

- Electrical conductivity
- Pull-out strength
- Plating thickness
- Dimensional accuracy

Types of Lugs & Splices :

We Produce all Ranges of Lugs & Splices



▶ Tubular Lugs



▶ Splices & Butt Splices



▶ T Connector

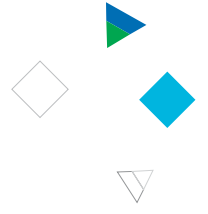


▶ Sheet Lugs



▶ Reducer

QUALITY



QUALITY CONTROL :

We understand, Interpret and apply the quality processes and are certified to meet the thorough demands set by the industries that we supply.

We integrate high quality standards into our professional behavior and exhibit proactive maintenance of good quality in all our processes and transactions.

We strive to meet the expectations of our customers and take pride in supplying quality components that conform to all necessary specifications and approvals.

Inspection, Final Testing and Certifications are carried as per customer requirement

Extensive in-house testing processes to ensure quality products is conducted at all levels.

These processes include :

Measuring Instruments :

- Conductivity Meter
- Digital Height Gauge
- Hardness Tester
- Spectrometer
- Checking Fixture as Per Customer Requirement



CERTIFICATES :

ISO 9001:2015



CLIENTS

In the past 32 years, we have built a wide client base.

Some major customers includes:



Govt. Enterprises



Govt. Enterprises



TM
**SURAJ
FOUNDRIES**

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