PROFILE

Partnering is a new beginning; a beginning of new relationship and new possibilities. For Biax Group, partnering is an opportunity to share its success story with its esteemed partners. This philosophy has created many healthy and lucrative relationships for Biax Group and its partners. Procuring every opportunity has resulted in expansion of this success story, beyond geographical boundaries.

Today, Biax Group is synonymous to quality production of electrical equipments. It took two decades of hard work and trust of partners from India and overseas. Located in Jamnagar, sprawling over 30,000 sqft, is Biax Group's comprehensive production unit that churns out 500 varieties of specialised components. The initial products include Cable Glands, Cable Lugs, Flexible Conduits, Earthing & Lightning Protection system and a broad range of customized products. With a capacity of 3000 tons per annum, this powerhouse is capable of catering to global players while retaining global standards.

The international presence of Biax Group is underlined by its portfolio in 47 countries across the atlas. The company has always been compliant to essential safety and quality standards. Every production plant has earned ISO 9001:2008 certification and approvals from credible laboratories like UL & CE.

These international manufacturing units are responsible for production of various precise components

Moreover, Biax Group is an organisation that extends its end to end electrical component solutions towards its partners to make them achieve made to order results.

OUR PRODUCTS

CABLE GLANDS

BIAX offers cable Glands with almost every specification and in most available version used globally. Virtually BIAX is synonymous with "GLAND MASTER".

PRODUCT RANGE :	**A1 / A2 & BW Gland, CW, E1W Gland** **G-ALCO Gland PG Gland, CIEL Gland** **SPECIAL TYPE / EXPLOSION PROOF Gland** **WIPING & WEATHER PROOF Gland**
MATERIAL :	BRASS, STAINLESS STEEL, ALUMINIUM
THREADS :	METRIC, IMPERIAL, NPT, PG
FINISH :	NATURAL, TIN PLATING
STANDARDS :	BS 6121 : PART 1; BS 5501 : PART 1, BS 3643, BS 1474
SPECIAL FEATURES :	FLAME PROOF & WEATHER PROOF

APPLICATIONS

Suitable for Armoured, Unarmoured, Plastic or Rubber Sheathed Cables. Suitable for most Indoor & Outdoor applications, Suitable for Hazardous environments. Flame proof increased safety application.

CABLE LUGS & CONNECTORS

BIAX produces a very comprehensive range of Tubular Cable Terminal Ends.

PRODUCT RANGE :	**Crimping type Tubular Terminal Ends** **Crimping type Tubular In Line Connectors** **Tubular Cable Lugs with Insulation, Splices,** **Ring type with / without insulation,** **Fork Type with / without Insulation,** **Reducer type Terminal Ends,** **Mechanical Lugs**
MATERIAL :	COPPER, ALUMINIUM
FINISH :	Electrolytic Tinned Plating
STANDARDS :	BS STD., DIN 48085, DIN 46228, UL 486
SPECIAL FEATURE :	BI - METALLIC

APPLICATIONS

Cable & Connections, Bus Bar Termination, Cable Jointning Kits, Wire Connectors, Transformer Termination.

EARTHING & LIGHTNING

BIAX has very comprehensive range on Earthing System, Earth Rod Accessories, Air Terminal Accessories, Junction & Test - Clamps. BIAX also specialises in Copper Conductors, Bare Copper Tape, Coated Copper Tape, Solid conductor as well as Aluminium Earthing System & Accessories.

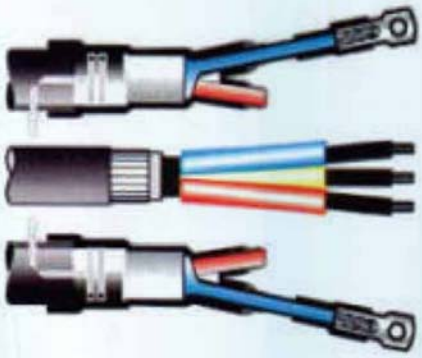
PRODUCT RANGE :	**Copper Bonded Earth Rod, Solid Copper Rod, Earth Rod Accessories, Solid Copper Conductors, Copper Tape, Aluminium Tape**
MATERIAL :	BRASS, COPPER, ALUMINIUM, GUN METAL
STANDARDS :	BS 970, BS 125, BS 6360 BS 1432, BS 2898, DIN 48801

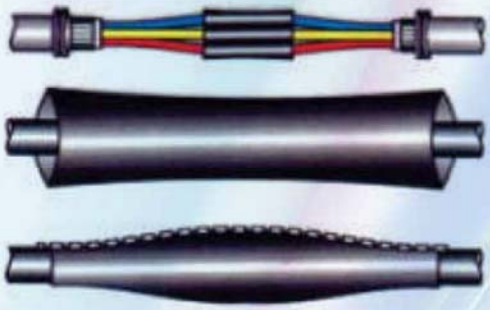
APPLICATIONS

High Rise Buildings, Commercial Complexes, Industrial Installation, Air Port, Hotels, Hospitals etc.

HEAT SHRINK TERMINATIONS & JOINTS

BIAX offers an extensive assortment of Heat Shrink Cable Joints and Terminations that are designed for cables of up to 36kV. These are fabricated using superior quality material and give long lasting performance.





PRODUCT RANGE :

Indoor & Outdoor Terminations for XLPE / PVC cables upto 36 KV voltage
Straight Through Joint for XLPE / PVC cables upto 36 KV voltage
Bus Bar Insulating Shrinkable Tubing & Tapes
Special Wrap Around Cable Repair Sleeves
Thin Wall, Medium Wall & Heavy Wall Tubing

APPLICATIONS

MV cable terminations are extensively used in indoor and outdoor application for cables up to 36 kV. LV Cable Termination, find application for voltage range up to 3.3 kV.

ALUMINIUM CABLE CLEATS

BIAX Aluminum Cable Cleats are manufactured in accordance with international quality standards. Further, these are available in wide array of sizes and specifications.

PRODUCT RANGE :	**Aluminium Cable Cleats Two Bolt Type BATC,** **Aluminium Cable Cleats Trefoil Type BATFC,** **Aluminium Cable Cleats Claw Type BACC**
MATERIAL :	Aluminum

APPLICATIONS

These are used to support, fix and retain high and low voltage cables in indoor and outdoor applications.

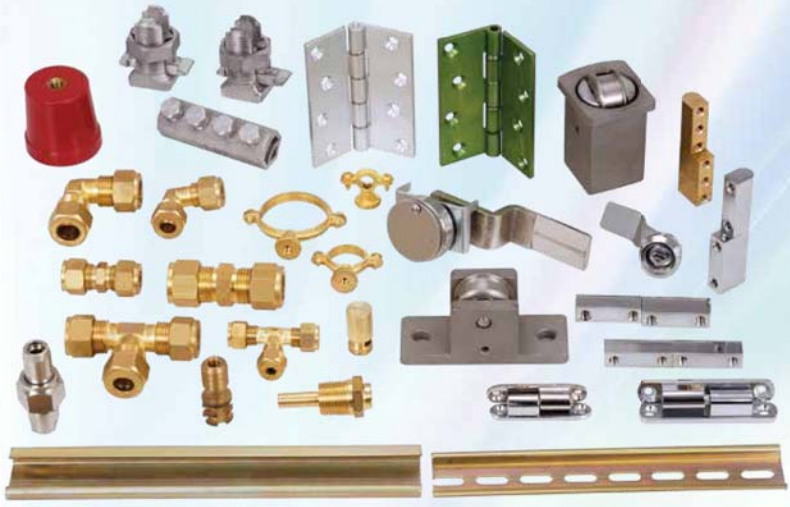
CUT - OUTS

BIAX street lightning cut - outs in Sheet Steel construction have been specially designed, keeping in view the application & climatic conditions in the Gulf region.

Street lightning cut - outs are manufactured with precision, out of extra thick, best quality CRCA steel sheets, galvanised & powder coated for smooth finish and protection against all types of atmosphere. The CUT - OUTS are tested & approved as per IP 44 & IP 54. Specially small size cut - outs are made for 4.5 mtr earth pole.

MISCELLANEOUS

BIAX also manufactures all kinds of items made from Brass, Copper, Ferrous & Non - Ferrous material as per customer's requirements.



PRECISION COMPONENTS :	Rivetting, Control Valves, Electricals
CPVC FITTINGS :	CPVC Pipes and Fittings, Compression Fittings, Fluidics, HVAC house & Pipe fittings.
SWITCHBOARD HARDWARE :	Distribution Board, Switchboards.

CONDUITS & ACCESSORIES

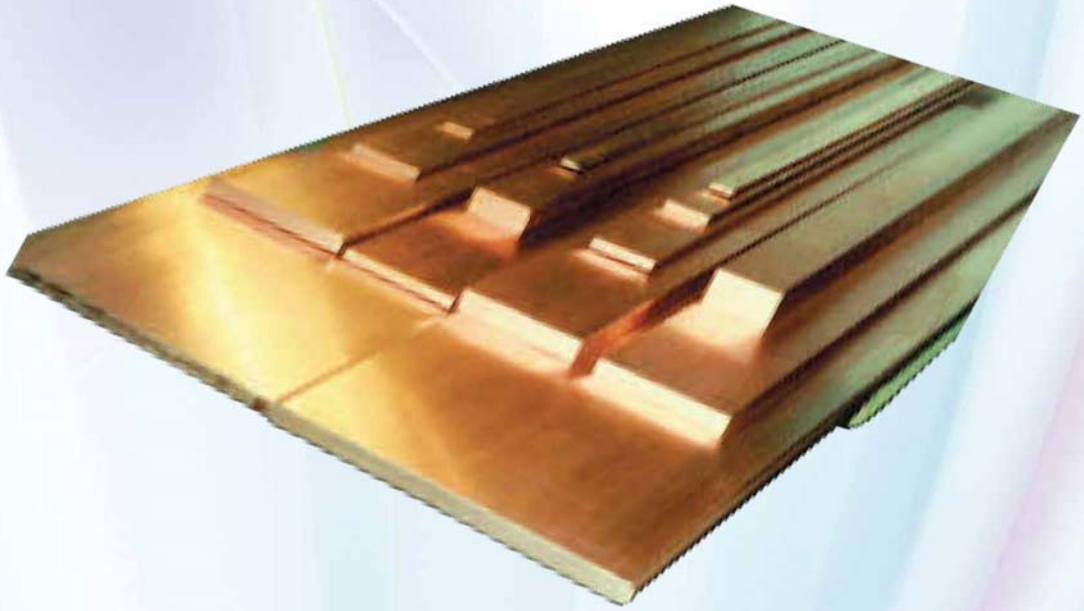
FLEXIBLE CONDUITS : BIAX flexible conduits management systems offers a cost effective solutions for both New Build & Refurbishment Contracts.

PRODUCT RANGE :	**BMC / BMC 1 / BMC 2 FLEXIBLE CONDUITS GALVANISED & S.S. BARE METAL CONDUITS, BRASS ADAPTORS**
STANDARDS :	BSEN 50086 - 2 - 3, BS 731 (PART 1)
RIGID CONDUITS :	BIAX's Rigid Metal Conduits & Accessories offers a wide range to meet any demands.
PRODUCT RANGE :	Heavy gauge conduits Welded - Screwed, Circular Boxes - small, Large, Deep Rectangular, Adaptors, Elbows, Bends, Accessories.
STANDARDS :	BS 31, BS 4568, BS 6053, BS 6099

APPLICATIONS
Cable management & Distribution.

INTRODUCING NEW RANGE OF EXTRUSIONS

Biax Extruded products are highly valued in the quality cautious market. Our extruded products are highly durable. We offer these extrusions at pocket-friendly prices.



PRODUCT RANGE :	**Various shapes and sizes** **Round** **Pipes** **Sections** **Hexagonal** **Square** **Rectangular**
MATERIAL :	COPPER, BRASS & ALUMINIUM

APPLICATIONS

Extruded products have a wide range of electrical applications across many industries

TUBE FITTINGS

"Biax Group is a leading Manufacturer & Exporter of Double & Single Ferrule Compression Pipe & Tube Fittings, CPVC & PPR Inserts, Instrumentation Valves, Air Headers, Condensate Pots, Manifolds, Air Headers & Condensate, Tailor made products, Accessories etc. All these components are casted in Stainless Steel, Carbon Steel, Brass, Monel and many more elements to suit the client's requirement.

Our products (under the European standard) are designed for the sectors like hydro-heating systems, air conditioning- cold and general plumbing, from simple brass fittings to complex products for Water / Air / Oil / Gas facility technologies.

Biax Group takes pride in its in-house modern machinery and infrastructure, present all under one roof. It is powered with Computer Aided Designs, a wide variety of modern machines like CNC machines, Traubs, Automats. Milling, Band Saw Cutting, Finishing, Pressure testing, Precision Measurement and Quality Control Instruments – Hardness Tester, Profile Projector', Turning Centers, Deburring & Ultrasonic cleaning, etc.

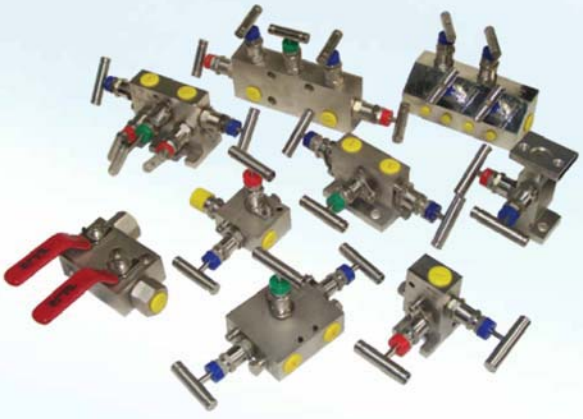
The design of our fittings is validated by type testing in compliance with ASTM F1387 while the valves & manifolds have been tested in accordance with MSS SP-99. Furthermore, we have CE/ PED accreditation & all the manufactured products comply to 97/23/EC.

Our factory is a powerhouse equipped to carry out all necessary testing in-house. It houses design facilities & a team of young engineers responsible for manufacturing products, using all relevant international standards. Some of our prestigious clientele include Swagelok, IPT, Yokogawa etc. We have supplied our products to all leading refineries in Gulf with our network of distributors.

INSTRUMENTATION VALVES AND MANIFOLDS

Needle Valves

Ball Valves



Manifold Valves

Gauge / Gauge Root Valves (Screwed Bonnet Type)

Double Block & Bleed Valves
(Threaded and flanged Ends)

Mono Flange Valves
(Configuration of Needle Valve and Manifold)

Pressure Relief Valves
(Vent Pressure Adjustable)

Plug Valves

Inline Check
(Non-Return) Valves

TUBE FITTINGS & PIPE FITTINGS

Double Ferrule (Flareless) Fittings

Pipe Fitting
(General & precision types)

Single Ferrule Fittings

Socket Weld &
Butt Weld Fittings

Flare & Swiel Fittings