



# ARIISE POWER SERVICES

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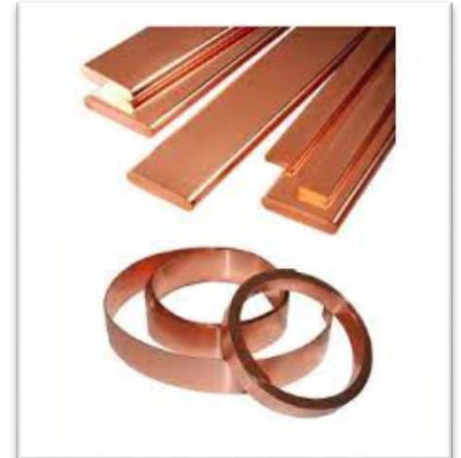
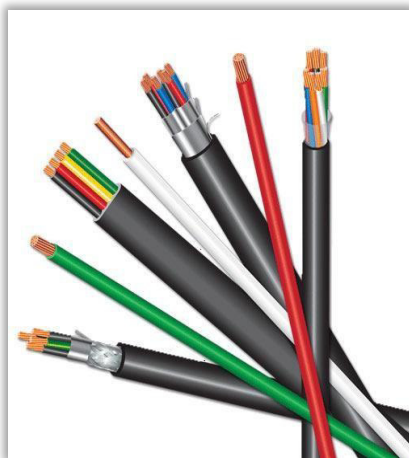
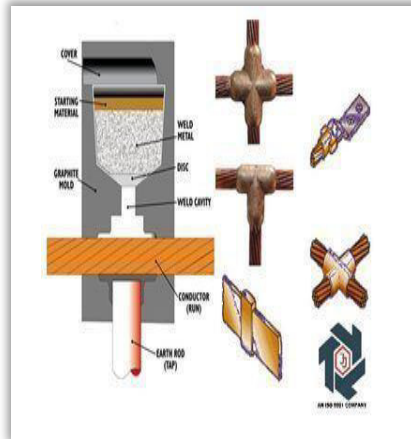
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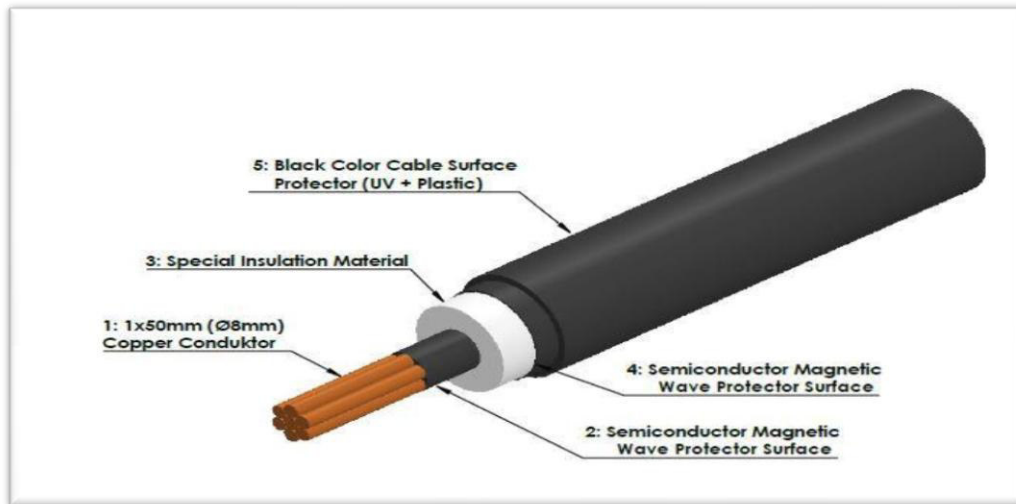
[accounts@ariisepower.in](mailto:accounts@ariisepower.in) , [sales&services@ariisepower.in](mailto:sales&services@ariisepower.in)

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**ESE Lightning Arrestor | Lightning Detection & Warning System | Maintenance Free Earthing | Surge Protection Devices | CCTV & Networking Solution | Video Conferencing Solutions | Battery & Chargers | Motion Sensors | LockOut TagOut(LOTO) | Industrial LED Lights | Exothermic Welding | Cable Trays Systems | Industrial Cables | GI & Copper Strips | Solar Street Light pole & Street Light Pole | Meta Carbon (Carbon Block) | Clay Bonded Graphite Crucibles | Liva HVSC Cable (Down Conductor)**







## **ABOUT US**

**ARIISE POWER SERVICES** professionally managed ISO certified Company is engaged in providing cost effective solutions for Trading, Supply, Testing, Commissioning of BOS- Material to INDUSTRIAL,CORPORATE, GOVERNMENT & SOLAR segment Clients. We serve our clients PAN India.

Under the teams guidance a highly skilled, experienced and dedicated workforce has seen APS steadily grow to become a leading authority within our field of operations.

APS vision is to be a strategic supplier of lightning protection, Earthing systems & other services of our company. We strive to be a great place to work where people are inspired to be the best they can.

APS founded by **Ms.Pooja Mishra** in the year 2018 with experience of **NINE YEARS** in the domain of electrical protection devices with quality products and best services.

We are committed to serve our various clients with our reliable and result oriented products in the domain of electrical protection.

We are at your doorstep to serve you with our vast experience in customized Solution with engineering and designing on the basis of study of electrical network and get the results which in return gives reduction in maintenance and operational costs.

We put continuous efforts to give you savings more than the expectations by putting less cost.

**We are Authorized Distributor for selling Earthing & Lightning Protection System of Sabo Systems Pvt. Ltd. (Lucknow) in Maharashtra & Chattisgarh.**

Our services with our quality products assure our clients get the job done on time and in budget while still providing quality of products and service and exactly what they want.

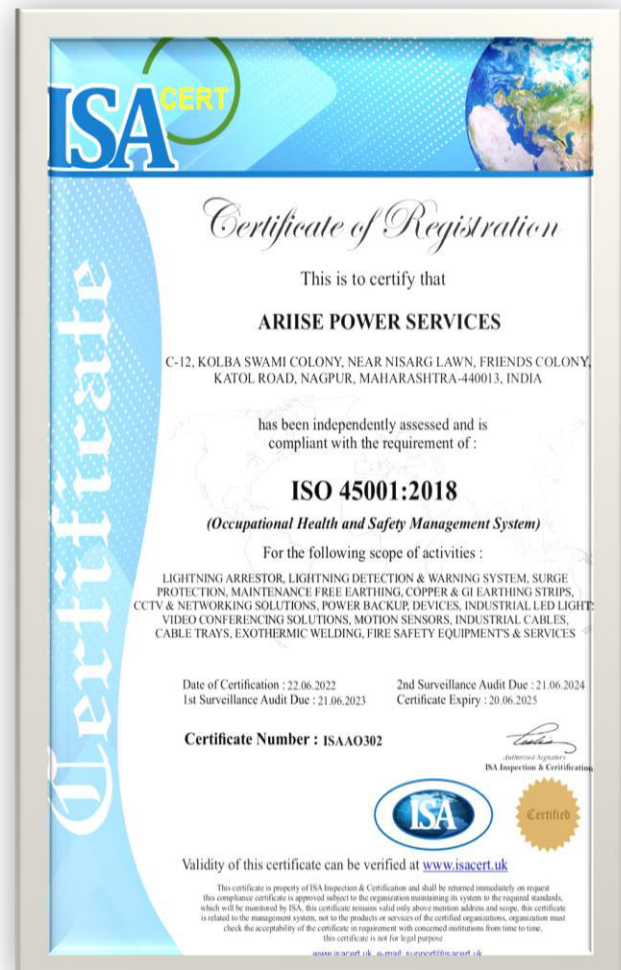
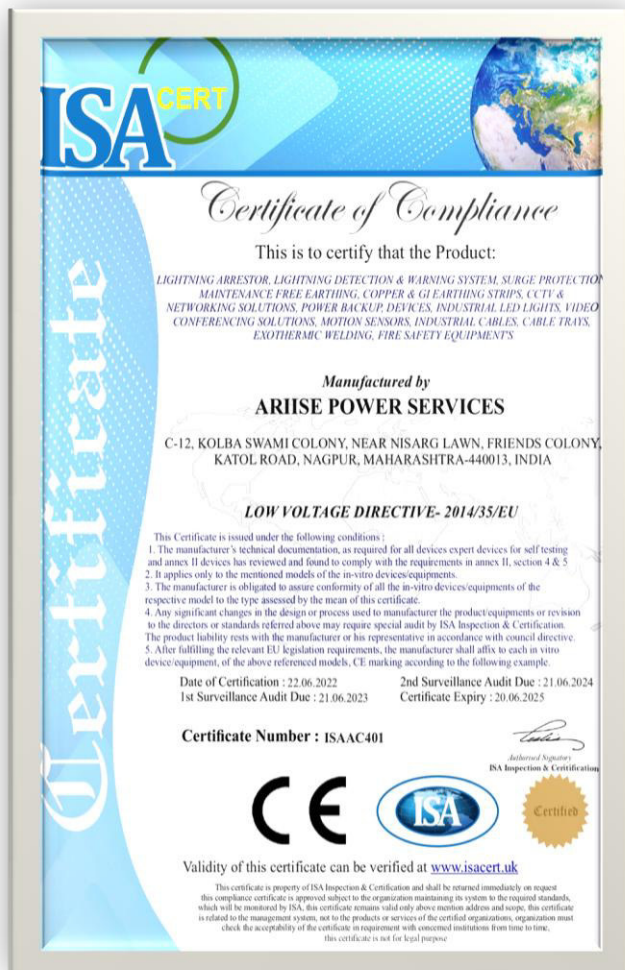
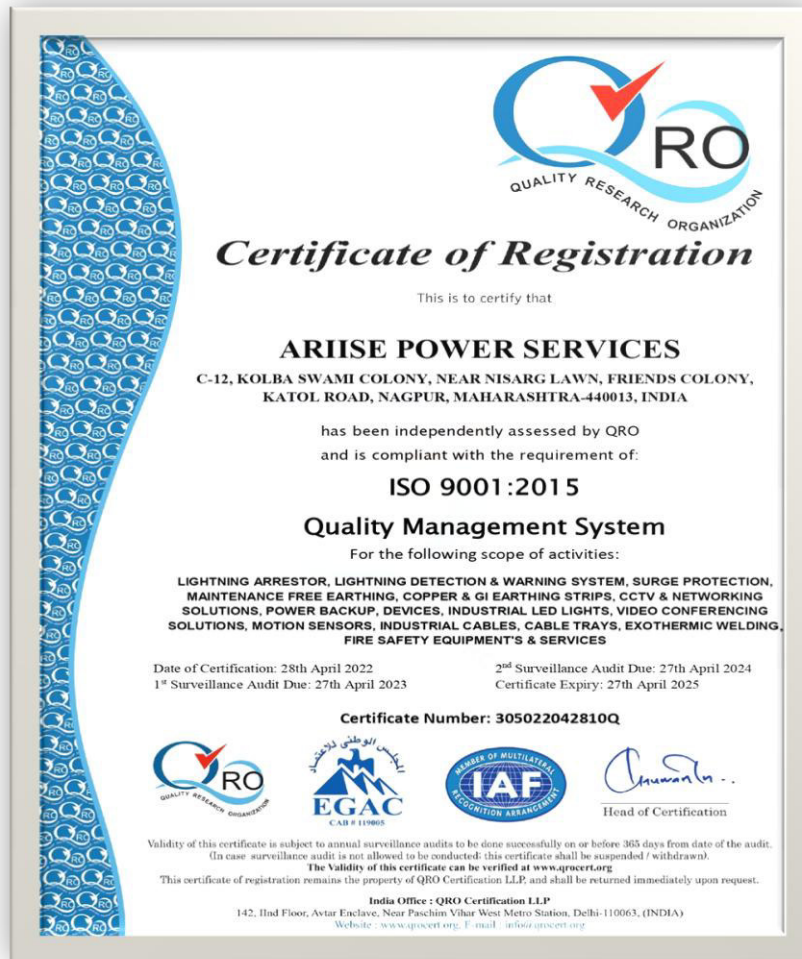
Work place is no matter for us, we serve our clients across India and Abroad.

**We also take AMC's For Our Supplied material and Other Electrical related Products.**

**We look forward to get your continuous support and maintain healthy business relationships.**

**An ISO 9001-2015 certified company committed to meet various international standards such as IS , IEC, NFC, UL, CE,SIGMA/METU,LVT/NABL etc.**





## PRODUCTS AND SERVICES

Our lightning Protection system are suitable for all types of climate conditions and high altitudes also. Designed and manufactured in accordance with NFC 17-102 standard.

SABO LIVA advanced active lightning conductor provide complete safety from direct lightning Strike to structure within the radius of 39m to 150m. Tested for 115KA short circuit impulse current From HV test lab CE marked, temperature test of -40 to 150 degree Centigrade, advance triggering time test upto 96 microseconds. Serial numbers and carries 30 years free replacement warranty from all types of manufacturing defects.

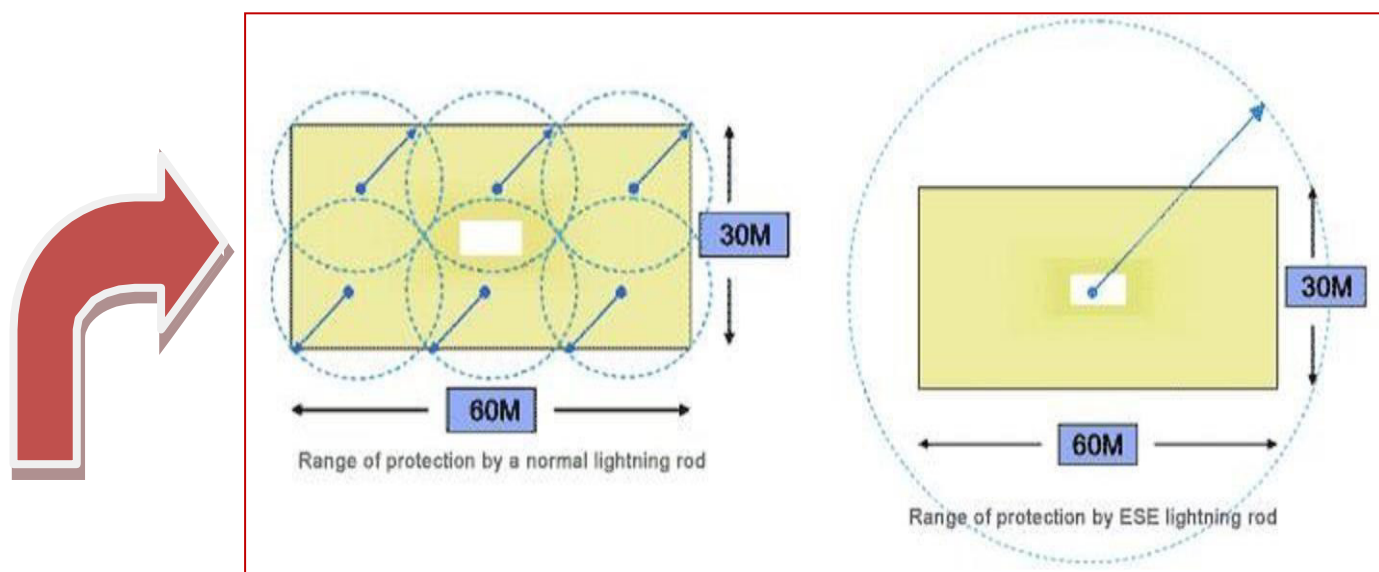
### ESE LIGHTNING ARRESTERS



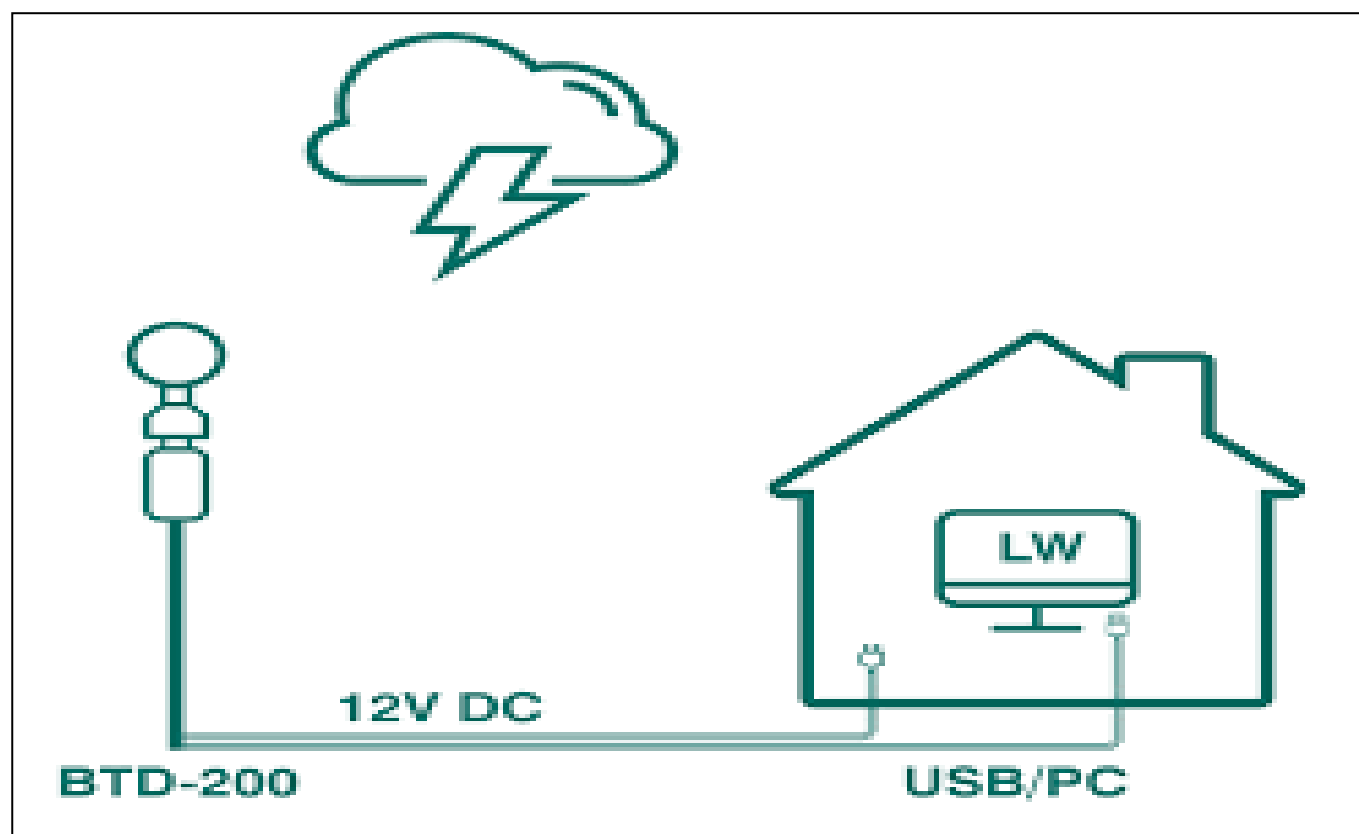
### CONVENTIONAL COPPER LIGHTENING ARRESTERS



## **MAPPING OF PROTECTION AREA**



## **LIGHTNING DETECTION AND WARNING SYSTEM**







Prevention is always better than cure. Lightning and its damages are very unpredictable, even with the best-engineered lightning protection systems, risks cannot be brought to nil. Dynamic lightning detection and warning systems become very important to save human life and plan outdoor activities. **Ariise Power Services** has installed a number of stationary and mobile lightning detectors for companies like Defence, Explosive Plants, Chemical Industries & many more. Our engineers have the capability to create corporate lightning detection and warning networks so data from multiple remote outlets can be monitored at a central location and transmitted where required.

## **MAINTENANCE FREE EARTHING SYSTEM**

Advance Technology of earthing which is readymade, certified Its benefits are, Maintenance free-No need to pour water at regular interval- except in sandy soil and easy to install. It Helps to Maintain stable and constant earth resistance around the year. More surface area-The conductive compound creates a conductive zone, which provides the increased surface area for peak current dissipation and also get stable reference point.

- 1.Lower the resistance-Highly conductive
- 2.Carries high peak current repeatedly.
- 3.Longlife
- 4.Easy installation
- 5.Non-Corrosion

We are having vast experience for Maintenance free earthing at different Industrial and government level.



### Maintenance Free Earthing System



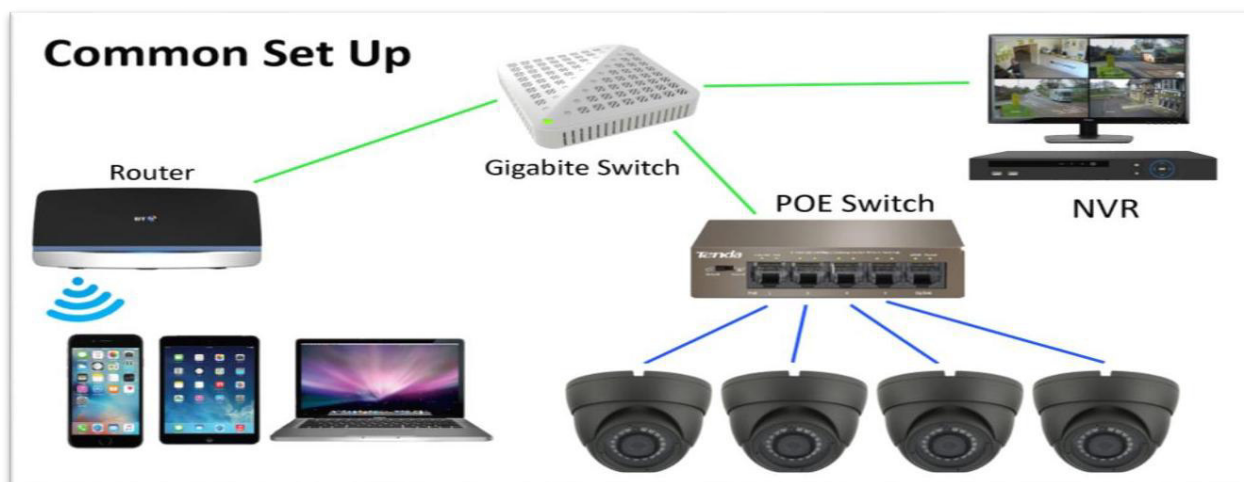
## **SURGE PROTECTION DEVICE**



**A surge protector is an electrical device that is used to protect equipment against lightning & switching surges and voltage spikes while blocking voltage over a safe threshold. A surge protector is usually installed in communications structures, process control systems, power distribution panels or other substantial industrialized systems. Smaller versions are typically installed in electrical service entrances located office buildings and residences**

## **CCTV & NETWORKING SOLUTIONS**

**In industrial plants, CCTV equipment may be used to serve parts of a process from a central control room, for example when the environment is not suitable for humans. CCTV systems may operate continuously or only as required to monitor a particular event. We are experts in designing the surveillance solutions**





## **VIDEO CONFERENCING SYSTEM**



**Make Every Meeting Count...!!!**

**These Systems are designed to host a meeting as closely as possible. Even if the participants are not in the same room physically, the set-up is done in a way easily. Large screens are used and cameras are positioned at eye level. The result is a video conference set-up that appears as if all the participants are sitting in the same room and around the same table.**

## **BATTERIES AND CHARGERS**

12VDC / 24VDC / 36VDC Automatic Battery Charger



**Battery Chargers are perfect for all automotive lead acid deep cycle leisure batteries including gel type. These chargers are designed to switch between charging and maintenance mode to deliver peak battery performance and has handy LEDs indicating when your charge is complete. These are made available to the customers at industry leading rates.**

**Features:**

**Efficient operation**

**Multiple indicators**

**Peak battery performance is delivered**

**We are providing battery chargers at best rates.**

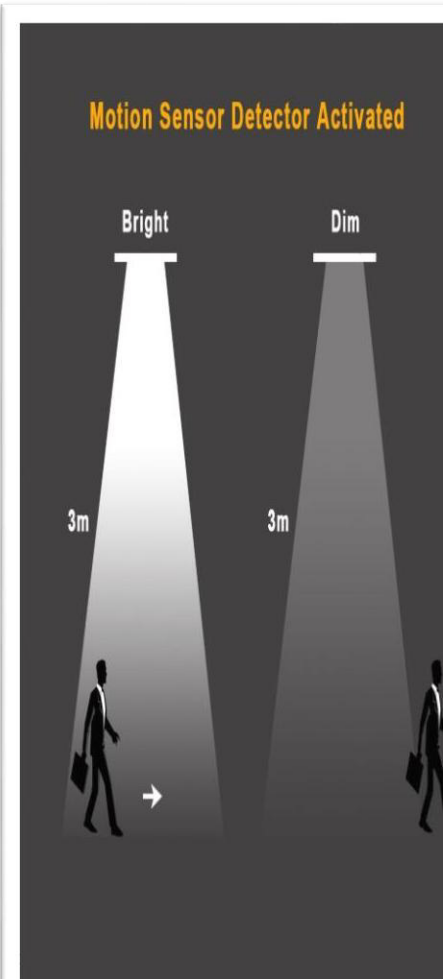
## **UPS AND INVERTERS**

**We are suppliers of Batteries, UPS  
and Invertors**



## **MOTION SENSORS**

Motion sensors are commonly used in security systems. They work based on a wide variety of principles and are used in a wide variety of applications. Typical usage could be in the exterior doorways or windows of a building for monitoring the area around the building. Upon detecting motion, they generate an electrical signal based on which some actions are taken. Some operate in much the same way as a military radar scanner, while others work based on vibration, infrared radiation and, even sound. All of these differently phases of sensors have different strengths and weaknesses, which are important to take into account when making a decision to choose a particle motion detection sensor.



## **LOCKOUT TAGOUT & SAFETY PRODUCTS**



**LOCKOUT-TAGOUT (LOTO) or LOCK AND TAG** is a standard establishes the employer's responsibility to protect employees from hazardous energy sources on machines/equipments during service / maintenance. Standard provides each employer the flexibility to develop, Control & Ensure that dangerous machines are properly shut off and not able to be started up again prior to the completion of maintenance or repair work. It requires That hazardous energy sources to be isolated before work is started on the equipment **LOCKOUT-TAGOUT** is used across industries as a safe method of working on hazardous equipment and is mandated by industrial safety Laws in some countries.

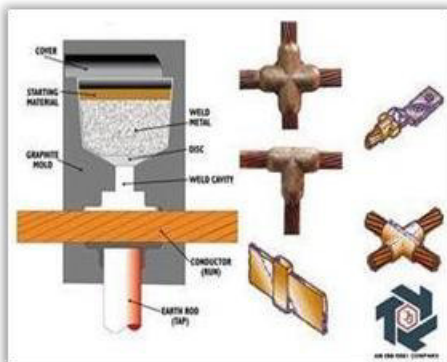
## INDUSTRIAL LED LIGHTS



Apart from supply, based on illumination study and client's requirement we design customized solution to get the maximum lux level and minimize the need of procurement of unnecessarily high number of lights with automation for lightings



## EXOTHERMIC WELDING



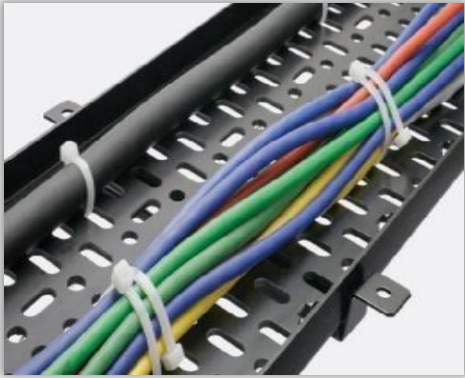
Exothermic Welding is a process in which one conductor is molecularly bonded to other conductor.

Exothermic Welded connections produce a permanent connection, Superior in performance to any known mechanical or Pressure type surface to surface contact connector. This Connection will not loosen or increases in resistance Over the lifetime of installation.





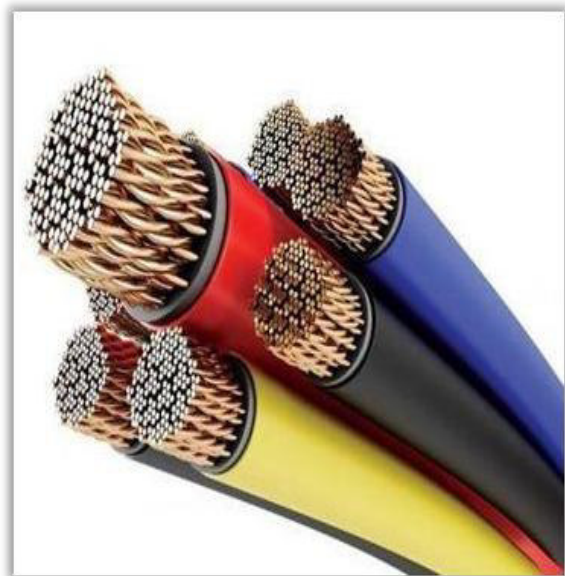
## **CABLE TRAY SYSTEM**



A cable tray system is used to support insulated electrical cables used for power distribution, control, and communication. Cable trays are used as an alternative to open wiring or electrical conduit systems, and are commonly used for cable management in commercial and industrial construction. They are especially useful in situations where changes to a wiring system are anticipated, since new cables can be installed by laying them in the tray, instead of pulling them through a pipe

Several types of tray are used in different applications. A solid-bottom tray provides the maximum protection to cables, but requires cutting the tray or using fittings to enter or exit cables. A deep, solid enclosure for cables is called a cable channel or cable trough.

## **INDUSTRIAL CABLES**



Industrial Cable is used in tough, demanding applications. This type of cable works in a variety of environments where the temperature may be an important factor to keep in mind. As well as possessing a good temperature range these industrial cables also have a good temperature range. It can also withstand harsh treatment such as abrasion and contact with flames.

The industrial cables are used in many applications including power generation, seaport cranes, natural gas production, industrial robotics, petrochemical. High effective protection from EMI and RFI is needed for the industrial cables, depending on their usage. The last thing we would mention is, just ensure all the cables in your application meet the right approvals for its place of manufacture. We have listed a few of types of cables used in different industries.

## GI & COPPER STRIPS

**APS** is one of the leading firms in the supply of GI & copper strips, we are acknowledged for offering a qualitative range of GI Strip .For most electrical appliances, this strip is used for protecting them from any kind of overvoltage damage. It gets connected to the earthing electrode for efficient working. A qualitative range of galvanized iron or steel is used for the making of this range. We sternly inspect this Galvanized Iron Earthing Strip on numerous quality standards at a frequent intervals of time to obtain a quality range at the end.

### **Key Features:**

- Optimum thickness
- Simple to use
- Reliable performance

**Copper Strips** are perfect for use with different application requirements. That's why they are available in multiple thicknesses and diameters. These strips have many beneficial aspects and some of the most important ones are high resistance to corrosion, great finish, accurate dimension, and especially high strength. These features help in matching up with the requirements of various applications, used for different purposes.

### **Key Features :**

- Excellent heat conductivity.
- Excellent electrical conductivity.
- Good corrosion resistance.
- Good biofouling resistance.
- Good machinability.
- Retention of mechanical and electrical properties at cryogenic temperatures.
- Non-magnetic.

### **Sizes (GI & COPPER Strips) :**

- 50 X 6
- 50 X 5
- 40 X 6
- 32 X 5
- 25 X 5
- 25 X 3



## **SOLAR STREET LIGHT POLE**

Solar Street Lights are usually seen as a medium of street lighting, without being dependent on conventional energy sources, and using Solar Energy instead.

At '**Ariise Power Services**', we are backed by sound amenities and a team of experts, which eventually helped us in emerging as one of the leading firms, Supplier superior quality Solar Street Light Poles.

Features :

- The galvanized conical poles are mounted above the ground and presence of the hot-dip galvanized protection prevents it from rusting.
- Increased safety due to the presence of Overcharge Protection Circuit.
- Reusable
- Can be very easily shifted
- Consist of internal flushed type doors
- Ready to install with easy installation process
- Hassle free and automatic Dusk to Dawn operation
- Presence of high efficiency circuitry.

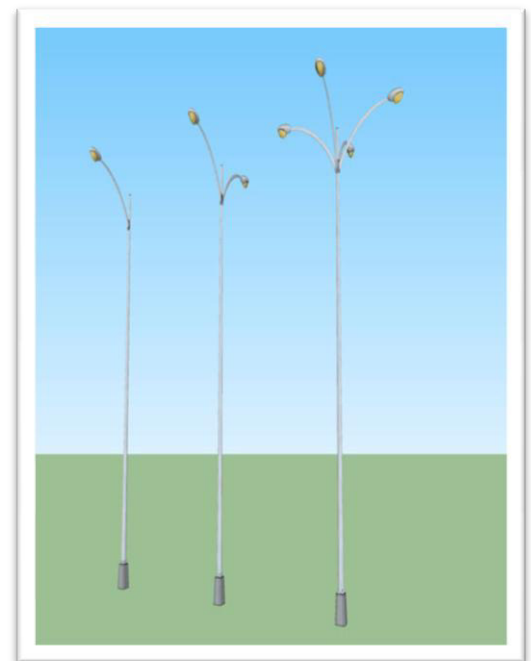
## **STREET LIGHT POLE**

A street light pole is a raised source of light on the edge of a road or path.

Street pole heights range from 9 to 14 feet. Ideally, the street light pole should provide sufficient light without there being an excessive glare. Although, street lights are meant to illuminate the way for pedestrians, cyclists, and motorists.

Most city spaces today are defined by the quality of their decorative fluted lighting and traffic poles. In the recent past, we've seen the emergence of decorative lighting poles that are used to highlight aesthetic fixtures such as statues, gardens, and fountains. This street lighting concept has an exciting charm to it and can aesthetically transform an otherwise dull city space.

We are also Supplying Street light poles as per Customer requirements with Customize solution.





## **META CARBON (CARBON BLOCK)**



Carbon block is the workhorse of filtration technologies, performing a wider range of filtration tasks than other products. Its sintered porous structure made of powdered carbon, thermoplastic binders, and other additives, allows for the removal and retention of both sediment and organic chemicals in just one filter.

It was been our Vision and Mission to produce products that are better, cheaper, and in line with Customer requirements. With our dedicated team of R&D, we are constantly evaluating newer and better products to solve customer problems and at the same time ensure better quality at a reasonable price.

Moving forward with this commitment, We are pleased to announce our new product "METACARBON".

Meta carbon is basically a Carbon Riser that has the following advantages:-

- Nil Moisture
- Negligible / No fines
- Low Sulfur

Carbon block filters are made of a solid block of compressed carbon and are often used as a pre-filter in reverse osmosis and other water filtration systems. Carbon block water filters are extremely effective in filtering out a variety of contaminants including very small contaminants or particle sizes.



	PARAMETERS(Customer reference)	META CARBON
1	MOISTURE	NEGLEGIBLE
2	FC	70% MIN
3	SULPHUR	BELOW 0.5%
4	VM	1-2%
5	SIZE RANGE	150-200MM

## **CLAY BONDED GRAPHITE CRUCIBLES**

A crucible is a container used to hold metal for melting in a furnace and it is needed to withstand the extreme temperatures encountered in melting metals. The crucible material must have a much higher melting point than that of the metal being melted and it must have good strength even when white hot.

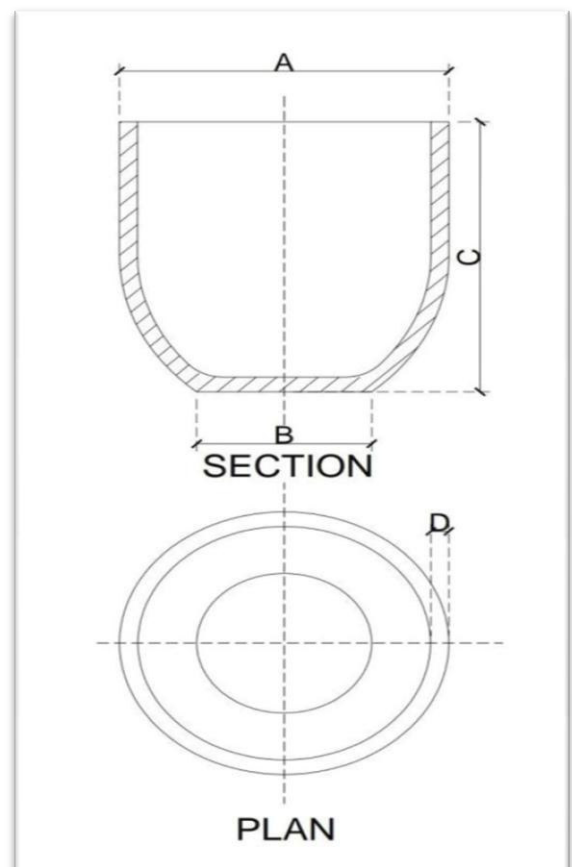
Graphite crucible can withstand high temperature and has good resistance to chemical erosions and thermal shock. Especially graphite crucible is ideal for the melting of aluminum, copper, and other metals.

Quartz crucible has the advantages of high purity, high-temperature resistance, with big size, good thermal insulation, economization on energy, quality stability, etc.

Fused quartz crucibles are used in the manufacture of silicon metal for semiconductor wafer applications and poly-silicon. In order to produce high-quality wafers, starting materials are added to a crucible heated to high temperatures and pulled from the melt as a single crystal. Fused Quartz is one of the few materials that can combine the high purity and high-temperature properties required for this process.

Crucible is used in the laboratory to contain chemical compounds when heated to extremely high temperatures. Crucibles are available in several sizes and typically come with a correspondingly-sized lid. When heated over a flame, the crucible is often held inside a pipe clay triangle which itself is held on top of a tripod.

Crucibles and their covers are made of high-temperature-resistant materials, usually porcelain, alumina, or an inert metal. One of the earliest uses of platinum was to make crucibles. Ceramics such as alumina, zirconia, and especially magnesia will tolerate the highest temperatures. More recently, metals such as nickel and zirconium have been used. The lids are typically loose-fitting to allow gases to escape during the heating of a sample inside.



## CRUCIBLE MEASUREMENTS IN "MM"

Crucible ( A Shape)	Height (C)	Top(A)OD	Bottom(B)	Thickness(D)	Weight(gms)
1	94	90	64	9	0.400
1.5	115	100	66	10	0.520
2	130	110	75	12	0.760
3	140	120	82	12	0.940
4	154	134	95	13.5	1.440
5	170	145	98	14.5	1.660
6	185	154	108	15	1.820
8	205	170	120	15	2.520
10	222	180	124	17	3.040
12	240	185	128	17	4.20
14	250	200	145	19	5.00
16	260	205	150	20	5.50
18	270	210	155	20	6.00
20	290	220	165	22	7.00
25	325	250	185	23	9.00
30	335	260	195	23	10.00
40	375	270	195	24	
50	377	285	205	27.5	
60	410	295	210	29	
80	430	323	240	30	
100	445	336	252	33	
120	458	354	275	33	
150	536	392	270	33	37.5
200	560	425	311	34	42.00
250	615	435	365	36	59.00
300	660	475	350	37	57.00
400	710	520	356	37	68.00
500	745	525	356	38	72.00
Long 01(750 gms)	80	80	60	-	240
Long 02(500 gms)	70	70	49	-	200
Long 03(300 gms)	60	60	45	-	140
Long 04(200 gms)	53	53	37	-	100
Long 05(100 gms)	41	44	32	-	60
Long 06(50 gms)	35	38	27	-	40
Short 01(750 gms)	68	81	61	-	
Short 02(500 gms)	60	74	58	-	
Short 03(300 gms)	48	61	49	-	
Short 04(200 gms)	39	54	40	-	
Short 05(100 gms)	31	45	35	-	
Short 06( 50 gms)	23	34	25	-	



## **LIVA HVSC CABLE(DOWN CONDUCTOR)**



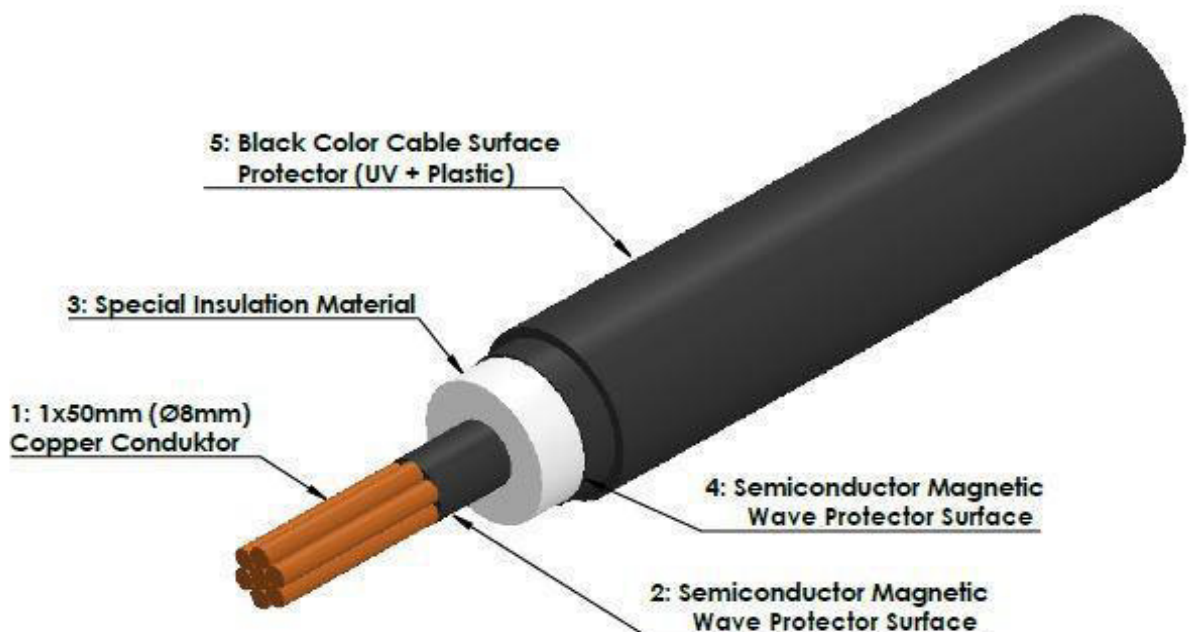
Liva Cable for Lightning Arresters. Our Liva Cable is a High voltage shielded cable that is specifically designed for use with Lightning Conductor. Lightning down conductor cable should be of 1\*50 sq. mm. and tested as per NFC 17-102:2011

### **Features:**

1. Highly flexible and durable
2. Resistant to heat, cold, and UV rays
3. Excellent electrical performance
4. High mechanical strength
5. Easy to install and maintain

We offer different sizes and lengths of Liva Cable to suit your specific requirements. Our products are manufactured using high-quality materials and are rigorously tested for performance and durability.

LIVA HVSC cable is used for providing safe discharge of lightning current to the ground. This High Voltage Shielded cable prevents the transfer of lightning current due to EMF. Tested in accordance with NFC 17-102:2011 for 100KA short circuit current



## OUR CLIENTELE



**ACHARYA VINOBA BHAVE**  
RURAL HOSPITAL  
*Transforming Lives Through Well Being*



**Chintamani Parshvanath Swetamber Jain Temple Hinganghat**





Commitment, Reliability & Quality



Romancing Taste Buds

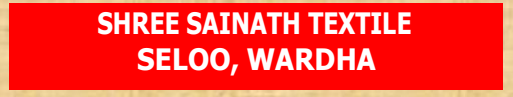
**RAJURI STEEL & ALLOYS PVT. LTD.**



Lalpur Raipur



**PHIL GROUP**  
PHIL COAL BENEFICATION PVT  
LTD(BILASPUR)



**adani wilmar**



**JCO Gas Pipe Ltd.**



**DATTA MEGHE INSTITUTE OF MEDICAL SCIENCE**



**Power Grid Corporation of India**



**MINARK  
INFRAVENTURE**

Tirth Alloys Private Limited

**SIDDHAYE STRUCTURES PVT LTD**

**HEIDELBERGCEMENT**

**Kailash  
Enterprises**

  
**Uni Deritend Ltd**

  
**RAMA TELECOM  
PVT LTD  
KOLKATA**



**INSTRUMENTS  
SALES  
CORPORATION**



**RECL**

*stands for*

**Rajasthan Explosives and  
Chemical Limited**

*Thank You!*