



ANKUR TECHNOCRATS

MANUFACTURER & EXPORTER OF SPECIAL APPLICATION CABLES



ABOUT US

Founded in 1962, ANKUR TECHNOCRATS has been at the forefront as a leading manufacturer and exporter of SPECIALIZED CABLES & WIRES.

We would like to introduce ourselves as one of the leading ISO 9001:2008, CE & RoHS certified MSME / NSIC registered Unit manufacturing various types of ALOKE MAKE cables & wires which includes elastomeric / trailing / power / control / telecommunication / compensating / marine / shore power cable / field telephone cable / festoon / coaxial / flexible / instrumentation / Cathodic protection / shielded / welding / crane / signaling / airfield lighting cables or any special cables as per customers' drawings / samples / specifications.

We are also producing Cables with HALOGEN FREE material & FIRE SURVIVAL Cables along with Teflon / HR PVC insulated & Polyurethane / PVDF sheathed cables. Our other special cables are flexible cables having gamma rays resistance properties.

We are regularly supplying our these cables to various Government Depts, which includes Thermal Plants / Oil exploration / Defense / Airports / Telecom / Space/ Mines / Port Trusts / Railways / various divisions of NTPC Ltd-NHPC Ltd / Refineries / Shipping / Heavy Industries / Atomic & Nuclear plants etc.

We are regularly supplying our trailing cables to various Coal Handling Plant which includes TTPS, KTPS, STPS etc. We have also supplied our Pilot Wire Cables for Differential Protection System of GEC ALSTOM.

We are also the members of Engineering Export Promotion Council, FICCI (b2b). We are registered with directorate of Industries, UP (INDIA) as a manufacturing unit.

We had also exported our ALOKE Marine cables as per GOST specification to Ukraine(USSR). We are regularly supplying our flexible cables to Europe and cables for Cathodic protection system to Middle East directly / through our marketing company or through 100% EOU.

Also, we are currently exporting our products to the following countries:

UNITED KINGDOM / BRAZIL / BRUNEI / BAHRAIN / NEPAL / UKRAINE / SRI LANKA / SAUDI ARABIA / AUSTRALIA

Our cables have also been tested / approved by various Government agencies such as IRS / ABS / MMD / DNA / RITES etc. Our cables are also approved by C DOT, CACT, ITI LTD.

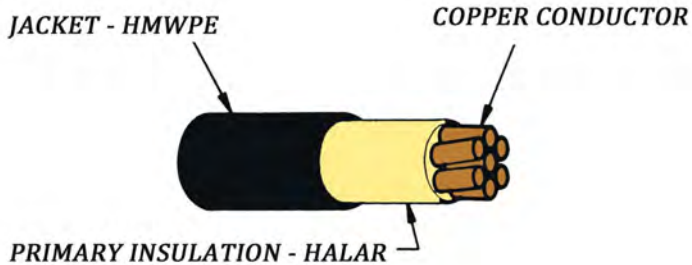
We regularly participate in International and National events and exhibition in Jordan, Saudi Arabia, Bahrain, Myanmar, Nepal and had also participated in catalogue show held in Taipei, Bangladesh and also displayed our products in the South Africa show.

We had participated in the exhibition "AIRPORT LIGHTING SYSTEM 1997" in Bahrain under the banner of AIRPORTS AUTHORITY OF INDIA as one of the leading manufacturer of AVIATION Cables from India.

PRODUCT DETAILS

CATHODIC PROTECTION CABLE

ALOKE CATHODIC PROTECTION cable is designed for making anode lead connections in a wide range of environments. Due to its dual insulation construction, it can be installed directly in native soils or submerged in fresh, brackish, or salt waters. The cable is ideal for deep anode bed installations where chlorine and hydrogen gases are generated. The cable will not embrittle at temperatures as low as -105°F , and will maintain dimensional stability and dielectric strength at temperatures up to 250°F . It is also highly resistant to notch propagation.



ALOKE Cathodic protection cable is especially suited for deep anode lead wires. OUR CABLE is inert to reactive compounds and has an outstanding ability to prevent the passage of gases and also extend the life of deep anode installations. The cable is composed of stranded copper wire covered by two layers of insulation

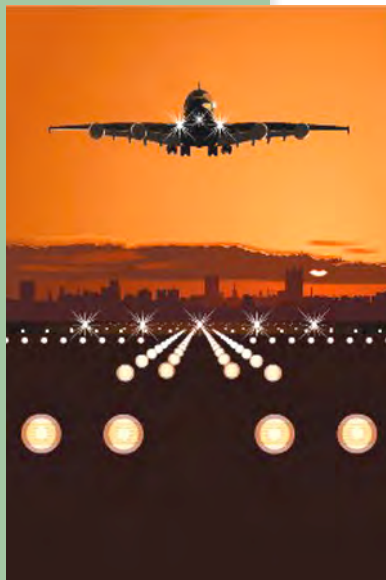
OUR CABLE is also resistant to water intrusion and is not affected by most organic or inorganic substances. AND demonstrates exceptional chemical resistance. In the presence of chlorine, hydrochloric acid, sulfuric acid, or other strong oxidizing agents OUR CABLE remains stable. Further, it will not deteriorate when exposed to petroleum hydrocarbons, which are encountered in numerous cathodic protection applications.

AVIATION / AIRFIELD LIGHTING CABLE

ALOKE Primary airfield lighting cable has been designed for runway series circuits to connect the constant current regulator with the primary windings of the series transformers. The brass screened cables offer higher mechanical resistance against termites and small rodents and is suitable for direct burial in ground. The cable is also semi-conductive screened to allow the cable to be safely operated continuously at the nominal voltage rating of 2.8kV to ground.

ALOKE Primary series circuit cables are used in airfield ground lighting (AGL) series circuits to connect the constant current regulator with the primary windings of the series transformers.

ALOKE SECONDARY CIRCUIT CABLE is used as airfield lighting cable for secondary electrical circuits.



AIRCRAFT CABLES

ALOE UNINYVIN CABLES are used for Air Craft Wiring, Panel of UPS systems. The cables are suitable for use where, in continuous service, no combination of ambient temperature and conductor current produces a stabilized conductor temperature in excess of 105°C

MARINE CABLES



ALOE MARINE CABLES are used in ships and every type of sea vehicles, externally, below decks, in dry, wet and steamy places, under every sea conditions. Cables are also designed to maintain operation during fire. Also used for safety, alarm and other critical systems.

FESTOON CABLES

ALOE FESTOON CABLES are used in Cranes, hoists or any equipment, which travels with lateral traversing motion. Also suited for trucks and trailers where flat cable is desired over round cable



Flexible power and control cable, for use on festoon systems and for connecting movable parts of machine tools, material handling equipment, etc., associated with high mechanical stresses and frequent bending during operation Suitable for simple reeling.

MINING CABLES



ALOE mining cables are for use as mine roadway extension cables and mechanically protected trailing cables in queries and coalface lighting. Our mining cables are designed to provide a flexible electrical connection between portable or mobile equipment and a point of supply, and they are variously used in underground

coalmines, including main feeder cable for continuous miners, pump cable, and power supply cable.

ALOE Twisted shot fire cables are suitable for the interconnection of detonators and related short firing equipment.

PILOT CABLES

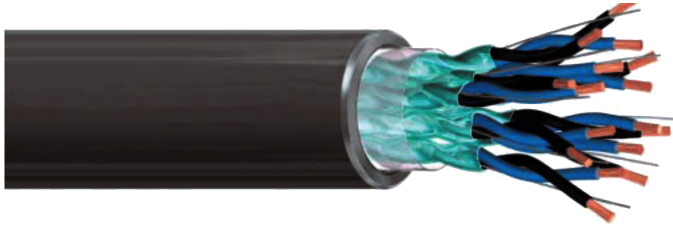
ALOE Pilot cables are used for control, protection, signaling, telecommunications and data transmission purposes associated with power distribution and transmission systems. Such systems are mainly operated by the electrical supply industry and similar applications occur in many industrial systems.

TELECOMMUNICATION CABLES

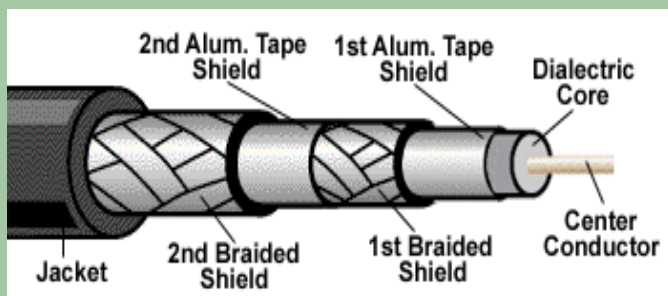
ALOKE TELECOMMUNICATION CABLES ARE Suitable for use in outdoor/indoor permanent installation telephone Exchanges and equipments, in house telephone wiring, EPBAX Systems, Industrial telecom/Intercom, satellite telecommunication systems, closed circuit security systems etc.

INSTRUMENTATION CABLES

ALOKE INSTRUMENTATION CABLES HAVE VERY DIVERSE APPLICATIONS, manufactured generally to BS 5308, these cables are designed for use in communication and instrumentation applications in and around process industries like oil exploration, cement, paper, steel, power generation AND OTHERS.



COAXIAL CABLE

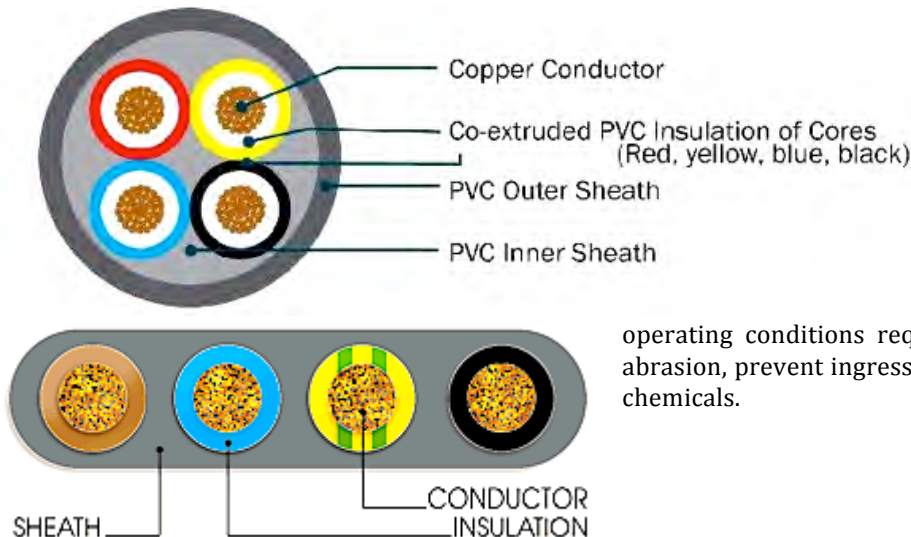


ALOKE COAXIAL cables are used as a distribution cable for indoor CATV, CCTV systems and as a connection cable for satellite systems where lower attenuation required. ALOKE Cable can provide for all your video, audio and data needs. For long-length, backbone applications, Coaxial Cable is ideal for entry point feeder systems running to a building and extending to each floor and room of a commercial or residential building.

Coaxial Cables benefit from higher signal quality for television, cable and Internet transmission and increased safety. Coaxial

Cables are ideal for improved audio and video performance in home theater applications. When you have a need for coaxial cables, ALOKE Cable offers a complete line of coaxial cable for all your applications.

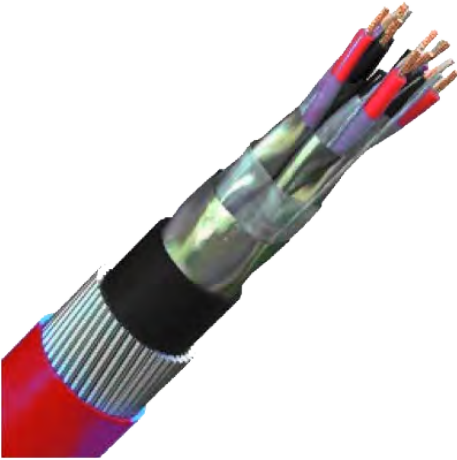
SUBMERSIBLE CABLES



ALOKE Submersible Cables are suitable for submersible pumps & motors. Our double-sheathed round cables are better suited for heavy-duty applications like sewage, slurry and dewatering pumps. The

operating conditions require the sheathing to be able to withstand abrasion, prevent ingress of water and be resistant to acidic fluids and chemicals.

FIRE SURVIVAL / FIRE ALARM CABLES



ALOKE Fire Survival Cable is best suited to maintain circuit integrity during and after fire and will withstand Flame temperature of 950 degree centigrade up to 3 hours without electrical breakdown at rated voltage. Does not produce noxious smoke & fumes, which hinder fire fighting and endanger life and does not propagate flame.

In all fire disasters, fire smoke, heat & toxic fumes are the main obstacles to safe evacuation of a building or area major contribution towards overcoming these hazards is the use of fire survival cable. These cables provide the following features: -

- Fire resistance
- Long-term circuit integrity in a fire.
- Low smoke and toxic gas emissions
- Flame retardant properties
- Zero halogen gases
- Ease and low cost of installation.

ALOKE Fire survival cables are suitable in the wiring of:

- Fire resistant safety circuits
- Public address and emergency voice communication system in high rise building.
- Control & instrumentation services in industrial, commercial & residential complexes.
- High temperature installation conditions.

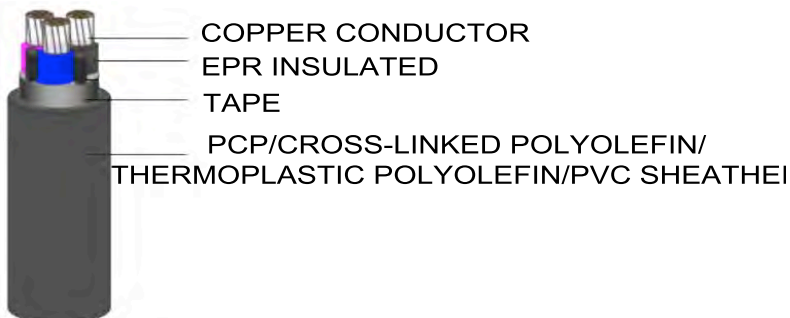
ALOKE FIRE ALARM CABLE IS Suitable as installation cable for signal transmission for static systems on and under plaster in dry and wet rooms and for outdoor use. The static screen protects the transmission circuits against external electrical interferences.

WELDING CABLE

ALOKE WELDING CABLE is suitable for the transmission of high currents from the electric welding machine to the welding tool. Suitable for flexible use under rough conditions, on assembly lines and conveyor systems, in machine tool and motor car manufacturing, ship building, for manually and automatically operated line and spot welding machines.



TRAILING / CRANE CABLES / LIFT AND HOIST CABLE



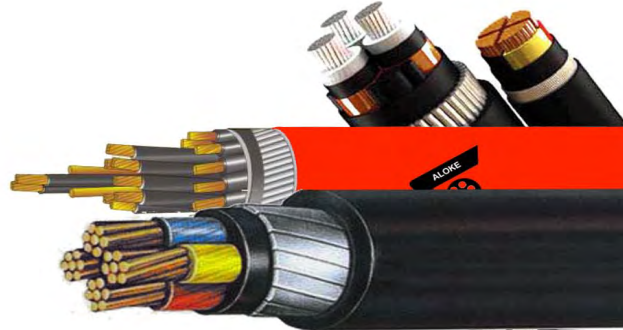
ALOKE MAKE LIFT AND HOIST **CABLE** is PVC lift and hoist control cable with a central hemp support core used as a strain bearing element in high suspension lengths. These cables are designed to be used in lift, elevator constructions and in conveyor installations. It has a specially designed textile protective braid over each layer of cores which enables this cable to absorb the stresses caused by the internal movement of the cores created by external mechanical stress and extreme conditions.

RADIATION RESISTANT CABLES

ALOKE RADIATION RESISTANT CABLES - ALOKE has gathered considerable experience in cable insulation and sheath with different materials adapted to the severe environments of scientific and nuclear applications. In Nuclear power plants, gamma radiation is released during nuclear fission. Many scientific experiments use nuclear power too, so rays may occur. These areas require radiation resistant insulation and sheath materials for cables AND ALOKE provide the best cable solutions.

POWER / CONTROL CABLES

ALOKE POWER & CONTROL CABLES (ARMOURED / UNARMOURED) are used for power and control circuits, they can offer excellent protection through the use of a heavy galvanized steel wire / STRIP armour. The GSWA makes them suitable for use inside and outside buildings or for direct burial in the ground or for installation where fire, smoke emission and toxic fumes create a potential threat to life and equipment.



ECO FRIENDLY / GENERAL FLEXIBLE CABLES AND CORDS

ECO FRIENDLY ALOKE -Wire is a Halogen-Free wire designed for use in wiring electrical and electronic equipment. The flame retardant, halogen free insulation gives off no corrosive gases when exposed to fire or flame.



ALOKE FLEXIBLE CABLES/CORDS are suitable as Power cord or internal wiring with low mechanical stress for electrical equipments Machinerries, luminaries and other portable appliances used in dry indoor premises.

Our ALOKE Flexible cables are designed for use in the switch control, relay and instrumentation panels of power switchgear and for purposes such as internal connectors in rectifier equipment, motor starters and controllers.

PVC COATED GI WIRE

ALOKE PVC Coated Galvanized Wire offered by us is the ideal fencing solution and for various other uses for different establishments, these are resistant & fire retardant with good insulation properties. PVC coated wires are also used as support wire for electrical cable and cable TV network.

COPPER PRODUCTS

OUR OTHER PRODUCTS are Copper Strips, Copper Components, Copper Profiles, Copper Sections, Copper Flat, Copper Sleeves, Earthing Wire, and Copper Bus Bars of various dimensions as per customers' specification.

CUSTOM MADE CABLES ACCORDING TO CUSTOMERS' REQUIREMENTS

We also undertake design and development of customized cables for special applications as per customers' drawings/specifications and samples.

AT ALOKE CABLES, WE USE VARIETIES OF RAW MATERIAL TO MEET MOST OF OUR VALUED CUSTOMERS' REQUIREMENTS WORLD WIDE -

CONDUCTOR	- COPPER, ALUMINIUM, ALLOY, STEEL
INSULATION / SHEATH	- PVC, PE, XLPE, ELASTOMER, THERMOPLASTIC ELASTOMER, ASBESTOS, FIBRE GLASS, MICA, NYLON, PUR, HALAR, SILICONE, LOW TEMPERATURE COMPOUND, TEFLON, ETFE, FEP, HMWPE, ZERO HALOGEN & ECO FRIENDLY COMPOUND.
ARMOUR / BRAID	- GALVANISED STEEL WIRE/STRIP, BRONZ WIRE, COPPER, ALUMINIUM, ASBESTOS, FIBRE GLASS
SHIELD	- ALUMINIUM MYLAR / POLY AL / COPPER / BRONZ / ALUMINIUM / ASBESTOS / FIBRE GLASS

At ALOKE, we offer:

- **Diverse range of products**
- **Quality and safety compliance**
- **On time delivery**
- **Reliability**
- **Friendly, efficient and prompt customer service**

QUALITY ASSURANCE

Our manufacturing and testing processes have been honed from many years experience across key industries to assure you of high standards, a precision finish and strict adherence to ISO 9001:2008 and CE regulations. While we continuously streamline our methods to ensure cost-effectiveness, we closely guard our hard-earned reputation for maintaining quality.

TESTING

Testing represents an integral part in the life of a cable. A cable will be subjected to multiple tests in its lifetime including a series of tests beginning at the factory and potentially continuing throughout the lifespan of the cable. Cable testing is performed in different phases including: materials testing, qualification testing, production testing, and final testing

Various cable-testing practices are covered in the following documentation.

It is important to recognize that many factors must be considered to properly characterize the test results obtained from any cable-testing program. Many of those factors are controllable as part of material testing, Qualification testing and production testing.

MATERIAL TESTING

In order to provide a quality cable, quality materials must be utilized in the manufacturing processes. To ensure quality materials are used in the production of our cables, ALOKE CABLE adheres not only to the requirements of industry standards but also to our own strict internal requirements.

The material testing requirements apply to both the physical and the electrical characteristics of the cable, but NOT necessarily to the specific ingredients of the materials. Many of the cable test results are commonly summarized in a Certified Test Report (CTR), which can be used as a means to compare industry standard requirements and/or customer specifications to as tested values.

QUALIFICATION TESTING

Qualification testing, also known as type testing, insures the credibility of the cable's overall design. Qualification testing is performed on a particular cable design and some tests encompass accelerated aging as part of the testing protocol.

PRODUCTION TESTING

Production tests are performed on a routine basis on various types of cables during and immediately following the manufacturing process. Production testing insures the continuous quality of the products and the products' compliance with industry standards while also providing a means for evaluating the efficiency of the manufacturing line and/or facility.

While there are many tests, following are some of the main production tests worth noting:



Elongation and Tensile strength:

This test ensures the materials have been extruded correctly and the required physical properties are as they should be.

Hot Creep and Hot Set:

This test indicates whether the applicable material has been properly cross-linked or thermo set.

Dimensional analysis:

It indicates whether the cables comply with the limits set forth in industry requirements for diameters and thicknesses.

Partial Discharge test:

It identifies significant voids and possible contaminants with surrounding voids that may be present within the dielectric material.

Spark testing:

It is an inline voltage test used for low-voltage insulation and medium-voltage non-conducting jackets. Spark testing continuously inspects for pinholes or other breaches in the outer layer of the cable.

Field-testing:

Field-testing of cable is commonly employed to determine the as-received condition of the cable, the as installed condition of the cable, and/or the operating condition of the cable.

The High Voltage AC Withstand test:

It ensures the electrical integrity of the insulation system with regards to its dielectric strength while the partial discharge test identifies significant voids and possible contaminants with surrounding voids that may be present within the dielectric material.

Conductor Resistance Test

Insulation Resistance Test

Thermal Stability Test

Fire Resistance Test

Anti Rodent & Anti Termite Test

Air / Oxygen Bomb Test

FRLS Tests



Virtually every mechanical and electrical aspect of each element of the cable design is governed by an applicable industry standard as well as ALOKE Cables' internal requirements. These physical and electrical characteristics are then tested for compliance with various industry and internal requirements.



GlobalGROUP
local assessment. global certification

Certificate of Registration

This is to certify that the
QUALITY MANAGEMENT SYSTEM
of
Ankur Tecnocrats
C-16, Bulandshahar Road, Industrial Area, Ghaziabad, U.P., 201001, INDIA
for
Manufacture & Supply of Conductors, Wires & Cables
has been assessed and registered against the provisions of
ISO 9001:2008
International Standard

With

Registration Number:	6867961435	Project:	43-06867-3-Q
Certification Date:	26 August 2012	NACE:	DL 31.30
Recertification Due Date:	26 August 2015	Exclusions:	7.3, 7.5.2, 7.5.4
Certification Approved By:		Alan Cherry	Group Chief Executive Officer

Registration is subject to the management system being continually maintained to the above standard under regular surveillance. Should surveillance not take place when required, registration shall be removed.

This certificate is the property of GlobalGROUP of Companies Limited, Hudson House, 8 Albany Street, Edinburgh, EH1 3QB, United Kingdom



Please validate the authenticity and status of this certificate at www.globalgroup.net



20009560

Certificate of Compliance

We hereby declare that the technical file of

ANKUR TECHNOCRATS

OFFICE:- F-42, PREET VIHAR, VIKAS MARG, NEW DELHI-110092;
WORKS:- C-16, BSR INDUSTRIAL AREA, GHAZIABAD-201002, UTTAR PRADESH, INDIA

Has been assessed for & found to be in conformance with the provisions of

RoHS Directive (2011/65/EU)

on use certain Hazardous Substances in Electrical and Lighting Equipment

PRODUCT DESCRIPTION:- (A) ARMoured OR UNARMoured CABLES WITH OPTION OF PVC/PE/XLPE/PRLS/ZHFR/ELASTOMER/SILICONE/FIBRE GLASS/ASBESTOS/ETFE/ HALAR/POLYURATHANE/TP/NYLON/HMWPE INSULATION & JACKET COMPOUND AS PER CUSTOMER'S SPECIFICATIONS.

(B) TELECOMMUNICATION CABLES ARMoured OR UNARMoured JELLY FILLED OR NON JELLY FILLED SHIELED OR UNSHIELED WITH PVC/PE INSULATION & JACKET AS PER CUSTOMER'S SPECIFICATION.

This is to state that the above mentioned product is in compliance with RoHS Directive (2011/65/EU) of the European Commission Decision 2005/618/EC on the restriction of the use of certain Hazardous Substances (Lead(Pb), Mercury (Hg), Cadmium (Cd), Poly Brominated biphenyls (PBBs) and Poly brominated Diphenyl ethers (PBDEs) in Electrical and Electronic Equipment. The certificate is issued under the conditions that the quality system maintained in the manufacture of above referenced material is valid until the manufacturing conditions or the quality systems are changed subject to continuous surveillance audit. Further, Certificate validity is conditioned by positive results of surveillance audits. No additional test report was carried out on a sample of the product in conformity with the Specification of the respective standards except those submitted to the certification body.

Certificate No : EU1932

Date of initial registration - 25th Sep. 2014

Issue Date - 25th Sep. 2014

1st Surveillance on or before - 25th Sep. 2015

Expiry Date - 24th Sep. 2015

2nd Surveillance on or before - 25th Sep. 2016

Authorized Signatory



CERTIFICATE



EUROCERT
CERTIFICATIONS (UK) LTD.

Certificate of Assessment

This is to Certify that an independent assessment has been conducted on behalf of

ANKUR TECHNOCRATS

OFFICE:- F 42 PREET VIHAR, VIKAS MARG, NEW DELHI-110092 (INDIA)
WORKS:- C-16, BSR INDUSTRIAL AREA, GHAZIABAD-201002, UTTAR PRADESH (INDIA)

By Eurocert and found to be in compliance in accordance with the Standard:

ISO/IEC 17025:2005

"General Requirements for the Competence of Testing & Calibration Laboratories."

In the discipline of
MANUFACTURING, SUPPLY & TESTING OF WIRES AND CABLES.

This assessment demonstrates technical competence and operation of the company along with an appropriate Quality Management System for the scope and locations described in the accompanying schedule that forms an essential part of this certificate.

Certificate No : EU1933

Date of initial registration - 25th Sep. 2014

Issue Date - 25th Sep. 2014

1st Surveillance on or before - 25th Sep. 2015

Expiry Date - 24th Sep. 2017

2nd Surveillance on or before - 25th Sep. 2016

This Certificate is Valid for 3 years & will remain current subject to the company maintaining its system to the required standard(s). This will be reviewed regularly by Eurocert Certifications (UK) Limited. The certificate details & effectiveness are listed at www.eurocertcertifications.com. The registration does not assure the quality of products produced by a quality system. This certificate is granted based on the limited sampling audits as per relevant ISO standard & Eurocert is not responsible for client's failure to maintain documented quality system.

Authorized Signatory



This certificate is the property of EUROCERT CERTIFICATIONS (UK) LIMITED and shall be returned immediately on request. Registered Office: 1st Floor, 2 Woodberry Grove, Finchley, London, N12 0DR, UNITED KINGDOM



EUROCERT
CERTIFICATIONS (UK) LTD.

Certificate of Compliance

We hereby declare that the technical file of

ANKUR TECHNOCRATS

OFFICE ADDRESS: F-42, PREET VIHAR, VIKAS MARG, NEW DELHI-110092, INDIA
WORKS ADDRESS: C-16, BSR INDUSTRIAL AREA, GHAZIABAD-201002, (U. P.), INDIA

Has been assessed & found to be in conformance with the provisions set forth by the requirement of Directives Low Voltage Directive 2006/95/EC.

PRODUCT DESCRIPTION:- (A) ARMoured OR UNARMoured CABLES WITH OPTION OF PVC/PE/XLPE/PRLS/ZHFR/ELASTOMER/SILICONE/FIBRE GLASS/ASBESTOS/ETFE/ HALAR/POLYURATHANE/TP/NYLON/HMWPE INSULATION & JACKET COMPOUND AS PER CUSTOMER'S SPECIFICATIONS.

(B) TELECOMMUNICATION CABLES ARMoured OR UNARMoured JELLY FILLED OR NON JELLY FILLED SHIELED OR UNSHIELED WITH PVC/PE INSULATION & JACKET AS PER CUSTOMER'S SPECIFICATION.
(More Detailed as per Appendix - III)

APPLICABLE STANDARDS:- DETAILED SPECIFICATIONS AS PER APPENDIX-IV

The Certification body has performed a sample audit of the above product quality system covering the design, manufacture & final inspection of the certified product(s). The quality system has been assessed, approved and is subject to continuous surveillance according to the Directives Low Voltage Directive 2006/95/EC. No additional test report was carried out from submitted type sample of the product in conformity with the Specification of the respective standards except those submitted by the Customer.

Certificate No : EU1622

Date of initial registration - 14th April 2014

Issue Date - 14th April 2014

1st Surveillance on or before - 14th April 2015

Expiry Date - 13th April 2017

2nd Surveillance on or before - 14th April 2016

Authorized Signatory



The Certificate is the property of EUROCERT CERTIFICATIONS (UK) LIMITED and shall be returned immediately on request. Registered Office: 1st Floor, 2 Woodberry Grove, Finchley, London, N12 0DR, UNITED KINGDOM Website: www.eurocert.uk.com

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Global Expert in Cables