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ELECTRIFYING
NEPAL
SINCE 1977

LITMUS
INDUSTRIES LIMITED

A RAMESH CORP. ENTITY



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Diversified Conglomerate That Comprises
Several Companies Bound By A Common
Purpose Of Moving Forward Together

Five decades after its humble beginnings as a hardware trading business, Ramesh Corp. today operates across 17+ industries in Nepal, including manufacturing, financial services, real estate, consumer durables, hydropower, mining, and investments. We are inspired by the legacy and vision of our founder, Late. Shri Ramesh Gupta, whose company embodies the philosophy of "forward together" in all its business practices, aspires to empower and enrich the lives of its customers, employees, investors, ecosystem partners, and the nation in general. By staying true to this core philosophy, Litmus cable has now extended its reach to touch the lives of people from all walks of life.

COMPANY PROFILE

Founded in 1977, Litmus Industries Ltd (formerly Lumbini Vidyut) had the vision to tap into Nepal's boundless hydropower potential.

It was far ahead of its time to identify the enormous need for conductor based transmission lines that could be a catalyst for change by distributing electricity to all regions in Nepal. Upon acquiring Litmus Industries in 1977, Lucky Group (now Ramesh Corp.) underwent a 360-degree change in management and policies. Over the years, Litmus Industries gradually transformed into a profitable organization based on the consistent efforts of the new management and the group's commitment to quality and innovation. With a large area of land in Butwal Industrial Estate, near the border of Sunauli, the company has now established itself as one of the leading names in the Cables &

Conductors Industry in Nepal, and has been exporting its products once to India for over 15 years. As a result of our diverse product portfolio, relentless dedication, expertise in the market, and the trust of our growing customer base has placed in us, we have been able to reap immense rewards. From the prestigious NS Quality Award in 2010 to the most coveted ISI certification for our Cables in 2015, Litmus Industries is the only cable company in Nepal that has an ISI (Indian Standard) mark.

OUR VISION

- Innovate for a brighter future.
- To work towards safe, energy efficient products and solutions for our customers
- To create deep connections, value creation and growth for our people, partners and stakeholders.

OUR MISSION

To maintain Leadership by being the largest and most diversified cables and electrical company in Nepal through commitment in quality, advance technology and best customer service.

AT A GLANCE

FOUNDED	EMPLOYEE
1977	500+ personnel
Corporate office	Factory Office
Tripureswor, Kathmandu	BID, Butwal
Technology	Production Capacity
Advance German Technology	Annual Capacity of over 72000 KMPA

VISINARY BOARD



Mr. Sushil Gupta
Chairman

With over 14 years of management experience, Mr. Sushil Gupta has expanded the corporation's operations into hydropower and mineral exploration. A 2006 graduate of Georgia College & State University in the United States, he joined the group's construction equipment and electronics department. It was ultimately Nepal's rich natural beauty that led him to start construction on his first renewable energy project, the 36 MW Balephi Hydropower project, set to be completed in June 2021. In the next two decades, he intends to construct, own, and operate 500 MW+ projects through Mizu Construction Pvt. Ltd.

During the last year, Mr. Gupta has been working with a team of geologists to assess and explore mineral deposits across the country. In his supervision, Dolsin Minerals Pvt. Ltd holds 14 mining licenses and is studying different minerals, such as Galena, Dolomite, Limestone, semiprecious stones, and copper, to determine their commercial feasibility.

Additionally, Mr. Gupta promotes NIC Asia Bank, Mahalaxmi Vikash Bank, Nepal Infrastructure Bank, Nepal Life Insurance Company, Asian Life Insurance, Prudential Insurance, and Shivam Cement, all of which are publicly traded in Nepal. His goal is to make the company a leader in Nepal's hydropower and mining industries while adhering to the highest ethical standards. Through sustainable development of Nepal's natural resources, he hopes to increase recognition of Nepal's contribution to local communities and the country as a whole.



Mr. Rohit Gupta
Managing Director

Having studied at the University of Exeter in the United Kingdom, Rohit Gupta has a degree in Msc. Finance and Management. He joined his family business in 2007 and initiated the group's journey into Technology and Mobile Phone space. In the past decade, he has led these ventures to become industry leading businesses with growth drivers. He is a Board Member and Director of Shivam Cement Limited, one of the largest integrated Cement Plant in Nepal. Aside from Asian Life Insurance, Mahalaxmi Development Bank, Nepal Infrastructure Bank and Prudential Insurance, he is also the promoter and shareholder of various BFI's.

At the age of 32, Rohit Gupta assumed the position of Vice Chairman of the group after his father passed away untimely in 2018. He has taken up the role of Vice Chairman to restructure and grow the business so that the group can become an industry leader.



Mr. Pratik Jalan
Director

Ramesh Corp's Executive Director is Mr. Pratik Jalan. It is his experience working in various verticals of the business that makes him an effective entrepreneur, including IT, Telecom services, cloud computing, and other technology investments. A few of the statements he has brought to light through his work are that ideas always wins, that age is only a number, and that hard work leads to success.

At the age of 22, he graduated from Symbiosis College of Arts and Commerce to pursue his entrepreneurial aspirations in Nepal. The unorthodox approaches he took in his business practices earned him a high reputation in his country's business community. Thought Leaders & CMO Asia named him a Young Achiever in Nepal in 2017, and he has been a member of the Young Presidents Organization since 2014. Breaking down boundaries, being bold, and having an idea that may change the world are all part of the man's personality.



Mr. Sanjay Agrawal
Director

His sales and marketing expertise is a result of growing this business from the east to the west of Nepal, gaining him a wide range of exposure and expertise. A significant breakthrough was made when Black & Decker was launched in Nepal for the first time in 2002 after he began investigating the worldwide market. The year 2008 was another career-changing year for him, as he teamed with a mobile company with huge possibilities but also a higher risk. He was instrumental in the creation of several national and international mobile companies in Nepal, including Colors, Spice, HTC, Blackberry, Gionee, and Xiaomi. He is currently the Managing Director of this group, Consumer Durable and Mobile Phone Division. An organization called MPIA (Mobile Phone Importer Association) was founded by a group of Nepalese mobile phone importers in 2017, and he was elected as Vice President with a unified vote.



Mrs. Akanksha Gupta
Director

Mrs. Akanksha Gupta was born on April 19th, 1984 in Delhi. She went on to pursue higher education at the University of Delhi, one of the most prestigious universities in India. She graduated with a degree in Political Science.

Mrs. Akanksha joined Litmus Cables, a company where she has been a member of the board of directors for over a decade. During her tenure at the company, she has played a significant role in its growth and expansion. She has been instrumental in driving the company's success, resulting in exponential growth.

Despite her busy schedule, Mrs. Akanksha is also a well-rounded individual. She makes time for her personal interests and hobbies. She is an avid reader and has a deep appreciation for music. She is a well-respected and accomplished individual who continues to make valuable contributions to the field of business and to society as a whole.

MESSAGE FROM MANAGING DIRECTOR

“A thousand mile journey starts with a small step.” Despite the challenges, Litmus Industries has achieved market leadership thanks to the continuous support of our dealers, the hard work and dedication of our team, and the profound trust of our customers.

Our core beliefs are - Quality, Teamwork, continuous R&D efforts and Customer-Focus which has become our strengths. The dealership network has always been the bridge between us and the end users. In return, the ever-expanding dealer network has made it easier for us to understand the market and needs of our customers.

Litmus Industries is ceaselessly prepared to take on the challenges of the evolving market and is geared to capitalize on all growth-oriented opportunities. Every aspect of internal operations is constantly reviewed and precise measures are taken to maximize efficiency, whether it is process enhancement or technological advancement.

We would like to convey our gratitude for the unflinching trust shown by our customers and the unconditional efforts displayed by our dealers and team members.



Mr. Rohit Gupta
Managing Director



“A thousand mile journey starts with a small step.”

MANAGEMENT TEAM



Mrs. Sakshi Gupta
Director
Business Development

Mrs. Sakshi Gupta is Director at Ramesh Corp, where she oversees the business's CSR initiative and marketing department. Born and raised in India, she is a marketing enthusiast with keen interest in digital marketing management. She is a graduate and has completed her bachelors in tourism and hospitality from India. Her company, Spoke Retail, operated as the exclusive franchisee of India's leading flower and décor company, Ferns & Petals, in Nepal. Mrs. Sakshi Gupta is active in a number of community and charity activities, along with her love of reading, fashion, and travel. She's currently working as Director - Business Development in Litmus Industries" and director in Himalayan Re-Insurance



Mr. Saroj Mishra
Vice President

Mr. Saroj Mishra has been a part of Litmus Industries for the past 21 years. He is a General Secretary and a founding member of Nepal Electricals and Electronics Manufacturer's Association (NEEMA) which is the umbrella organization of cables, wires and conductors manufacturers. He is also the founder of NEEMA. He has been involved in many major projects namely Chameliya Hydroelectric projects, Kanchanpur Kailali rural electricity projects (KKREP) (with AEPC/DANIDA), Dumbre Damauli Transmission Line projects (with Spanish EPC Company), Butwal Kohalour 132 KV Transmission Projects (with Spanish EPC company), Nepal electricity's 8th Power Projects Funded by Asian Development Bank (ADB).



Mr. Prakash Kafle
Chief Operating Officer

With more than 15 years diversified experience in various corporate houses and CA firms, Mr. Kafle is a qualified chartered Accountant, a member of the ICAI (India) and ICAN (Nepal). ACAN life member, Mr. Kafle joined the company in early 2017 and is currently responsible for overseeing the group's corporate finance as Vice President and Litmus Industries Limited as chief operating officer. Also he served industrial committee of ICAN as committee membertain 2016 & 2020/21



Mr. Prakash Raipure
General Manager – Factory

Having worked in cable manufacturing for over 29 years, Prakash Raipur is a highly skilled and experienced professional. He has a proven track record in international companies like Proton Sarl, Democratic Republic of Congo (DRC), Kinshasa (Plant Head), Finolex Cables Ltd., Pune, Maharashtra (Deputy General Manager - Production for LT & HT Power Cable up to 33 KV), Mr. Raipure possesses strong analysis, design, development and enhancement skills. As a team player with a collaborative spirit, he thrives on working in diverse teams and challenging environments. He has a good understanding of products and solution strategies and implementing them under local conditions and also has exposure in activities related to ISO 9001 & EMS 14001, etc. The ability to relate to people across all levels of management and business makes him an effective communicator. As a production manager, resource manager, and team manager, Mr. Raipur believes in getting work done effectively and efficiently.



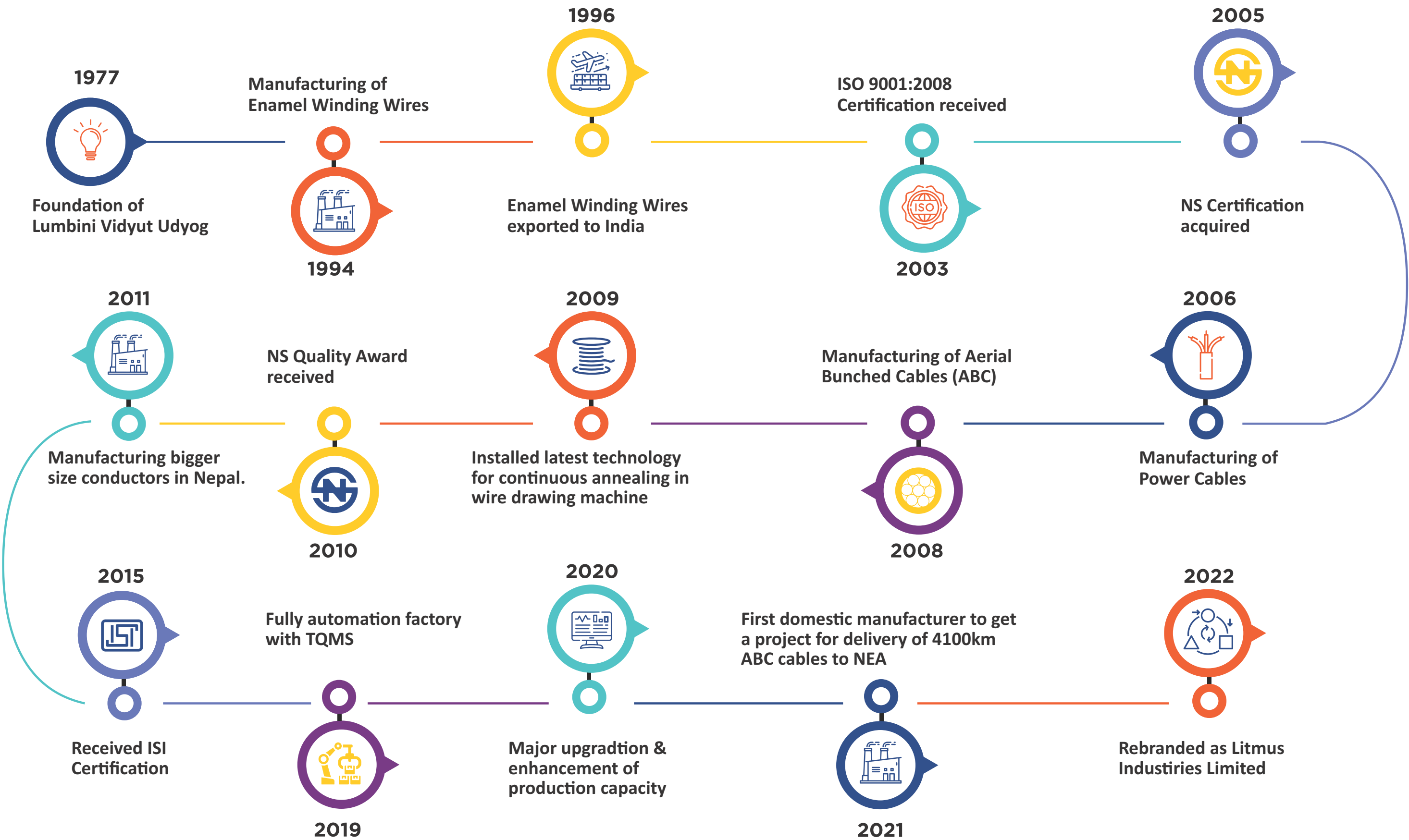
Mr. Reddy S.P.
Project Director

Mr. Reddy is an Electrical Engineer with over 28 years of global experience in the Wire and Cable Industry. He has an Electrical Engineering degree from Polytechnic College and Osmania University and an MBA degree from Northumbria University, Newcastle Business School. Former CEO of 1200 Crore Wire and Cable Company, Mr. Reddy has also worked with Prysmian Group and other leading wire and cable companies. In addition, he has acquired hands on experience with CAPEX projects worth a total of 100 million US dollars as well as association with a European Wire and Cable Manufacturing Company. Having worked in multiple culture and in diverse professional settings, Mr. Reddy has joined Litmus Industries as a Project Director to contribute his knowledge and skills to enhancing Nepal's Cable and Wire industry standards.

Right leadership for the modern-day evolution

Having the right leadership determines an organization's success. So as a corporation moving forward progressively, it is only acceptable that we have the right people on our management team. Among our management team are highly qualified and dedicated professionals with a shared vision of lighting Nepal's path to a brighter future.

MILESTONE



ABOUT PLANT

Advanced State-of-the-Art Technology
producing No.1 Quality Products

A wide range of high quality, efficient, and durable products are produced by Litmus Industries by using Advanced German Technology in state of the art manufacturing units and plants. Through the adaption of Advanced German Technology, we reinforce our focus on continuous improvement in customer centricity by offering the highest quality, value, promptness, and reliability products to our customers. We continually monitor and improve the effectiveness and efficiency of our processes and practices whilst meeting the statutory, regulatory and product specification requirements. As part of our Quality Management Policy, all those working for and on behalf of our company are regularly reviewed and informed.

Litmus Industries uses advanced German technology in state-of-the-art manufacturing units and plants to produce a wide range of high-quality, efficient, and durable products. We have adopted advanced German technology in order to improve our production processes and to ensure that we are producing products of the highest quality. By using this technology, we are able to reinforce their focus on customer centricity and to offer customers the best possible products in terms of quality, value, promptness and reliability.

Litmus places a strong emphasis on continuously monitoring and improving our processes and practices to ensure that we are meeting all statutory, regulatory, and product specification requirements. This is done as part of our Quality Management Policy, which is designed to ensure that all employees and contractors are aware of the company's quality standards and are working to meet them.

To ensure that this policy is being followed, all employees and contractors working for or on behalf of the company are regularly reviewed and informed of any changes or updates to the policy. This helps to ensure that everyone is working towards the same goal of producing high-quality products and providing excellent customer service.



INFRASTRUCTURE

Sprawled over the largest
area in Butwal Industrial
Estate with 4000 KVA
Connected Load



TECHNOLOGY

Setting a benchmark
with Advanced German
Technology



R&D

Continual R&D aiding in
innovative product
development, and rigorous
testing throughout every
phase to ensure quality.



QUALITY

The application of a Total
Quality Management
System, which is regularly
reviewed and
communicated to every
employee for continuous
improvement.



R & D TESTING

Continous R&D aiding to Innovative Product Development and rigourous testing in every phase to maintain standard quality

Litmus Industries has always focused & paid attention to the technical requirements to maintain Industry Standard. Continuous research and development aids to our goal of bringing the best quality products for our customers to maintain and raise industry standards. We make sure to keep our technical aspect updated with the most innovative technology which is then reflected on our products and services. Rigorous cable testing is performed using advanced lab testing machines such as computerized UTS and profile projector. We have introduced Kaizen and 5S (Sorting, Straightening, Sweeping, Standardizing and Sustaining) method in the Shop Floor for continuous improvement. We practice Total Quality Management System with the introduction of Critical to Quality (CTQ) Training to operators and supervisors to ensure that every individual behind our products are in line with our vision to empower the nation with nothing but the best wires and cables.

- In-house testing facility and opportunity to inspect at every stage of manufacturing
- Managed by highly experienced and trained engineers and professionals
- Well-established packaging and delivery system
- Quality products and services at a competitive price
- Clientele ranging from the giant private sector to the public sector

**Computerized
UTS Testing &
Profile Projector**

**Practice of Total
Quality Management
System**

**Critical to Quality
Training to Operators
& Supervisors**

**Follow Kaizen
and 5S in
Shop Floor**



QUALITY POLICY/ QUALITY STANDARD

Implementation of a Total Quality Management System that is reviewed on a regular basis and communicated to every employee as a means of continuous improvement.

Providing quality service and products conforming to relevant specifications at a competitive price to meet or exceed customer expectations is Litmus Industries' motto, the best resources will be used in order to achieve continuous improvement in the quality of the work and to enhance employee involvements at all levels.

Quality Management Policy is regularly reviewed and communicated to all those who work for and on behalf of the Company along with the provision of Critical to Quality (CTQ) trainings to supervisors and operators. By doing so, the quality management policy will be transferred into an ongoing, ceaseless procedure. Prospective raw materials will be cautiously inspected from arriving companies for their performance parameters and conformance to the quality management policy. Throughout the entire production process, strict quality parameters are checked consistently at each stage of production. Regular internal quality checks are conducted in different section to monitor the effectiveness of Total Quality Management. onitor the efficiency of the Total Quality Management.

Some Salient Features of LITMUS Wires and Cables

Made from imported quality raw materials

ISO 9001: 2015 certified

Awarded with NS mark by the department of Nepal Bureau of Standard & Metrology

Well-equipped machinery to produce 1.5 sq mm to 1000 sq mm power cables

In-house testing facility and opportunity to inspect at every stage of manufacturing

Managed by highly experienced and trained engineers and professionals

Well-established packaging and delivery system

Quality products and services at a competitive price

Clientele ranging from the giant private sector to the public sector



TECHNOLOGY

Setting a benchmark with Advanced German Technology

At Litmus Industries, we have adapted Advanced German Technology to reaffirm that our products are of No.1 Quality. In addition to greater precision, better control over production, and superior quality results, Advance German Technology offers many other advantages over traditional technologies. As part of Litmus Industries’ commitment to Advanced German Technology, we have adapted different technologies during different stages of production, such as drawing, extrusion, coiling and stranding.

Process	Technology
Drawing	Niehoff German Technology i.e. Dual Spooler Rod Breakdown Machine, Advanced Multi Fine Wire Drawing with Online Annealer and Double Twist Bunching Machine
Extrusion	Advanced Dual Spooler, Auto Pay Off/ Take Up Changeover, Self Centered Head, Online Sikora Technology For Diameter Controller, Online Sikora Spark Tester And Multi Pass Cooling Trough
Coiling	Advanced Auto Coiling With Online Spark Tester And Accurate Auto Length Cutting
Stranding	Latest Separate Drive Driven Cages With Electronic Shaft Synchronization, Intelligent Electronic Wire Break Detection System(Ewbds), Next Generation Siemens Controlled Architecture(S7-1500)

INFRASTRUCTURE

Setting a benchmark with Advanced German Technology

Litmus Industries is located in Butwal. The company is sprawled over the largest area in Butwal Industrial Estate (2.95 Acres). The infrastructure is well equipped with technologically advanced manufacturing units and the latest equipment. Litmus Industries consists of 4000 KVA Connected Load which is 60% of total Butwal industrial area

2.95 Acres Largest In Butwal Industrial Estate	4000 KVA Connected Load
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PRODUCTION CAPACITY

Moving forward aggressively to increase our production capacity every year with the support of high-end innovative technology

With the help of innovative high end technology, we move forward aggressively to increase our production capacity every year. As a result of German technology and fully automated high end innovations, not just the production quality, but also production efficiency has greatly improved. Litmus Cables has become the most trusted brand in top tier cables by combining the latest technologies with our team of dedicated professionals.

Product	Unit	Capacity
ACSR Conductors	KM	67,750
Aerial Bunched Cables	KM	29,700
XLPE Covered Conductors	KM	19,900
Power Cables	KM	45,320
House wiring cables	Coils	2,539,570
Enamel & Strips	MT	13,600



CERTIFICATION RECOGNITION

NS Quality Award is a national certification by authorized government body for fulfilling basic quality and standards.

ISO 9001:2015 specifies requirements for a quality management system which is based on ability to consistently provide product that meets customer and applicable statutory and regulatory requirements.

ISI Registration is mandatory for all the certifying products sold in India. The Products having ISI indicate that products are in compliance with the Indian standard quality.
REG. NO. : CMD-I/CM/L-4100001445
CMD-3/ FMCS/L-4100001546

CERTIFICATION PRODUCTS

1 NS 344	H/W
2 NS 259	ACSR CONDUCTORS
3 IS 694	H/W
4 IS 1554	POWER CABLES
5 IS 2009:2015	OVERALL PRODUCTS
6 KEMA HOLLAND	ABC CABLES
7 CENTRAL POWER RESEARCH INSTITUTE (CPRI)	ABC CABLES/POWER CABLES
8 TYPE TEST REPORT FROM WORLD RECOGNIZED LABORATORY	ACSR CONDUCTOR'S
9 NS QUALITY AWARD 2010	H/W:ACSR



PRODUCT RANGE

OVERHEAD
CONDUCTOR
(OHC)

ACSR CONDUCTORS:

Aluminium conductor steel-reinforced cable (ACSR) is a type of high-capacity, high-strength stranded conductor typically used in overhead power lines. The outer strands are high-purity aluminium, chosen for its good conductivity, low weight and low cost. AAAC conductor is a type of aluminium alloy conductor used for high voltage power transmission. AAAC conductor comes in the category of an overhead conductor. AAAC conductor is made out of high strength Aluminium-Magnesium-Silicon Alloy. All Aluminium Conductor (AAC) is composed of one or more layer of pure aluminium with hard drawn. These overhead aluminium conductors are used as power transmission and distribution lines. All aluminium conductors are made up of one or more strands of aluminium wire, depending on the specific application.

PRODUCT TYPE	SIZE	VOLT
WEASEL/RABBIT/DOG	30 SQMM – 100 SQMM	Up to 11KVA
WOLF/BEAR/BISON/ CARDINAL/MOOSE/ZE BRA/OTTER	150 SQMM – 520SQMM	66 KVA to 400 KVA

OVERHEAD
CONDUCTOR (OHC)

AERIAL BUNCHED CABLE (ABC)

AERIAL BUNCHED CABLES is also called AERIAL BUNDLED CONDUCTORS or is simply referred to as ABC Cables. ABC is a very novel concept for Overhead Distribution System. When compared to the conventional Bare Conductor Overhead Distribution System, ABC provides higher safety and reliability, lower power losses and ultimate system economy by reducing installation, maintenance and operative cost. Aerial Bunched Cables, 1100 volt Grade are used for distributing power to individual consumers by utility service providers like Electricity Distributing Authorities. The cable is kept supported on poles. The line is tapped intermittently from any required position which enables to be used in urban as well as rural areas alike

PRODUCT TYPE	SIZE	VOLT
With Phase Aluminium Conductors and Neutral Alloy Conductors Aerial Bunched Cables in accordance to IS 14255 followed by standards IS 8130(Class II),IS 7098 (part I),IS 398 (part IV).	25 SQMM - 150 SQMM	1.1KV – 11KV

CONSTRUCTION OF ABC CABLE:
Standard: IS 14255
Conductor: Aluminium, Aluminium Alloy
Insulation Materials: Cross linked polyethylene (XLPE)
Working Temperature: 0o C - 90o C;

Minimum Bending Radius:
- Overall diameter < 25mm: 4×overall diameter
- Overall diameter ≥ 25mm: 6×overall diameter

PRODUCT RANGE

OVERHEAD
CONDUCTOR
(OHC)

XLPE COVERED CONDUCTORS

XLPE Covered Conductors are longitudinally water blocked and covered with special grades of materials that provide insulation ultra violet protection. These conductors provide safety against accidental contact and are major help in significantly reducing outages.

PRODUCT TYPE	SIZE	VOLT
Aluminium Alloy XLPE Covered Conductor in accordance to EN 50397(part I) including IS 398 (part IV),IS 7098 (part I).	25 SQMM - 150 SQMM	1.1KV – 33KV

BENEFITS OF XLPE COVERED CONDUCTORS:

- Protects the aluminum conductor from corrosion
- Reducing faults caused by tree contacts and enhance the reliability
- Reducing animal faults
- Upgrade the voltage/current without changing the phase distance
- Preventing bush tlres
- lower life cycle cost compared with bare conductor
- Reducing maintenance cost of tree trimming
- Reducing clearance between phases, can cope with direct contact between phases
- Less risk of sabotage
- Environmental advantages

IS: 694



Litmus is the first company in Nepal to manufacture house-wiring cables that adhere to the guidelines set by the Indian Standards Institute (ISI). This signifies a major milestone in the country's electrical industry and demonstrates the commitment to producing high-quality products that meet the highest industry standards.

Fire retardant cables (FR) retain circuit integrity and continue to work in the presence of fire. It is necessary for fire alarm systems, emergency lighting, and voice alarm systems. In a case of a fire, it is possible to assure building evacuation, alarm signals, and activation of extinguishing systems. Fire-resistant cables are always flame retardant, ensuring the maximum level of safety during a fire.

Benefits of FR in Households

- The cable can prevent the burning flame, effectively controlling the spread of the fire & the loss and ensuring personal safety.
- Low toxin and halogen-free
- Does not produce corrosive gas which damages metal and other building materials.
- Easy to install and operate

Available Sizes: 0.75 SQ MM - 10 SQ MM

Fire Retardant Low Smoke Cables (FRLS Cables) are manufactured with Pure Electrolyte Grade, tightened bare copper with more than 100% conductivity which produces magnificent conductor of electricity and saves energy.

Benefits of FRLS in households

- Fire resistant
- Less toxic
- Can bear temperatures of up to 650 °C, 750 °C and 950 °C
- Consumes less energy
- Emits low corrosive fumes.

Available Sizes: 0.75 SQ MM - 10 SQ MM

Halogen Free Fire Retardant (HFFR) insulation 90°C | Non-Toxic & Non-Corrosive | Does not propagate flame & fire.

These cables are ideal for domestic applications, conduit wiring and fixed, protected installations. Apart from residential and commercial properties, these cables are best suited for Auditoriums, Hospitals, Hotels, Schools, Stadiums and all constructions for Public usage.

Features

- REACH, ROHS, CE and CPR Compliant
- Anti-Rodent, Anti-Termite
- 100% Electrolytic Copper
- More than 101% Conductivity

Available Sizes: 0.75 SQ MM – 16 SQ MM





HOUSE WIRING CABLES

CONCENTRIC CABLES

Litmus Cables supplies indoor & outdoor telephone cables, self-supporting drop wires, & jumper wires.

Available Sizes: 0.5 SQMM – 16 SQMM

FLEXIBLE TWIN TWISTED CABLES

Flexible Twin Twisted Cable is a wire made of copper conductor and is commonly used for temporary use

Available Sizes: : 0.5 SQMM – 16 SQMM



CABLES & WIRES

Litmus wires and cables are highly flexible and durable, making them easy to install and handle. They can also withstand harsh weather conditions and have a long lifespan, reducing the need for frequent replacements and maintenance. These are made of high quality fire retardant materials and premium copper that ensure safe and reliable electrical connections.

LV POWER CABLES:

Ideal for distributing electricity to residential, commercial and industrial units the Low Tension Power Cables are made with high-quality copper and aluminum to offer superior conductivity. Available in Single core and multi-core configurations, they are safe, non-hazardous, lead and cadmium-free and are manufactured at the largest integrated cables unit in Nepal.

PRODUCT TYPE	TYPE	SIZE
PVC / XLPE insulated cables conforming to IS:1554 I / IS:7098 I, BS:6346, IEC:60502, BS:5467, BS:6724 & Customer specific requirements	Aluminum - Armored & unarmored	Single Core: 1.5 SQMM - 630 SQMM
		Multi Core: 1.5 SQMM - 400 SQMM
	Copper - Armored & unarmored	Single Core: 1.5 SQMM - 630 SQMM
		Multi Core: 1.5 SQMM - 400 SQMM

APPLICATION

The Power Cables are used underground as well as overhead transmission of power in power plants, industries, interconnection of process control, communication and panel control systems, projects and all other electrical installations. connection of power supply to residential, commercial & industrial units.

CABLES & WIRES

CONTROL CABLE

Litmus cables are designed for a wide range of application like industrial, signaling, transmission, measurement, control and regulation. These cables allow to transmit power at very low voltage to control the process or equipment.

APPLICATION:

Litmus control cables are mainly used in machinery, machine tools and appliances, measuring, control, heating and air conditioning technologies for permanent connections in cable chains, etc

PRODUCT TYPE	SIZE	VOLT
PVC insulated cables conforming to IS:1554-I & Customer specific requirements	<ul style="list-style-type: none">1.5 Sqmm - 4 sqmmSingle core to 24 cores	Upto 1.1 KV

Advantages of Control Cables

- Lightweight
- Flexibility to suit any structure
- Mechanical efficiency
- Useful for multiple sectors
- Anti-interference functioning
- Prolonged service life
- Wear-resistant characteristic
- Non-corrosive material

Control Cable Technical Specifications

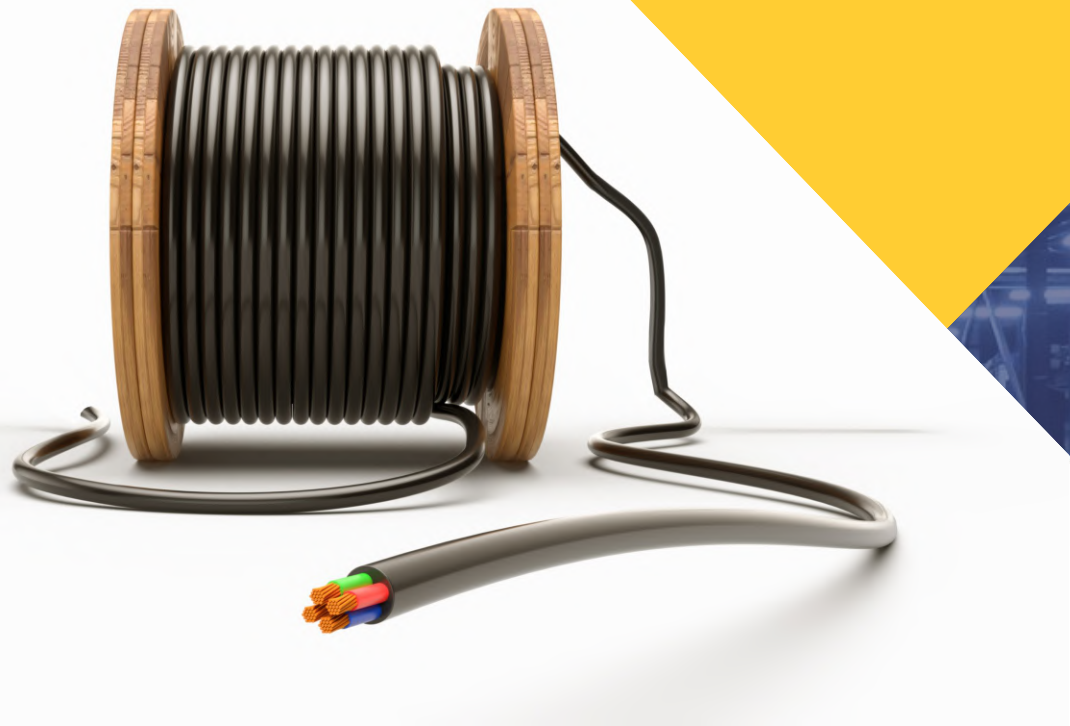
Litmus offers control cable in the following ranges of technical specifications:
Size- 1.5sqmm, 2.5sqmm & 4sqmm- From 4core to 24 cores.
Voltage - Upto 1100 V
Temperature - 70 Degree C.

ENAMEL WIRES & PAPER STRIPS

PAPER INSULATED STRIPS

Paper Insulated Copper/Aluminium Conductors are the most commonly used conductors for winding coils of transformers and other electrical equipment. Insulated with paper, the conductor has excellent electrical and thermal properties.

TYPE	SIZE
SOLID ROUND WIRES	1.40MM TO 3.50MM IN DPC/TPC.
RECTANGULAR FLAT WIRES & STRIPS	1.40MM TO 3.50MM IN DPC/TPC.



PRODUCT RANGE

ENAMEL WIRES & PAPER STRIPS

ENAMEL WINDING WIRES:

Enamelled Copper Winding Wires are the Enamel Insulated Conductors that are widely used in construction and electrical equipment.

Litmus Industries Limited makes enamelled Wires conforming to IS:13730. In addition, enamelled wires conforming to International Standards such as the British Standards (BS), IEC, etc. are also manufactured. The Customer base comprises of companies manufacturing electrical goods, and all other industrial application wherein copper wire winding is essential.

Reference Standards:

Size: 10 SWG to 45 SWG (3.251mm to 0.0711 MM)

IS : 398/7098/13730

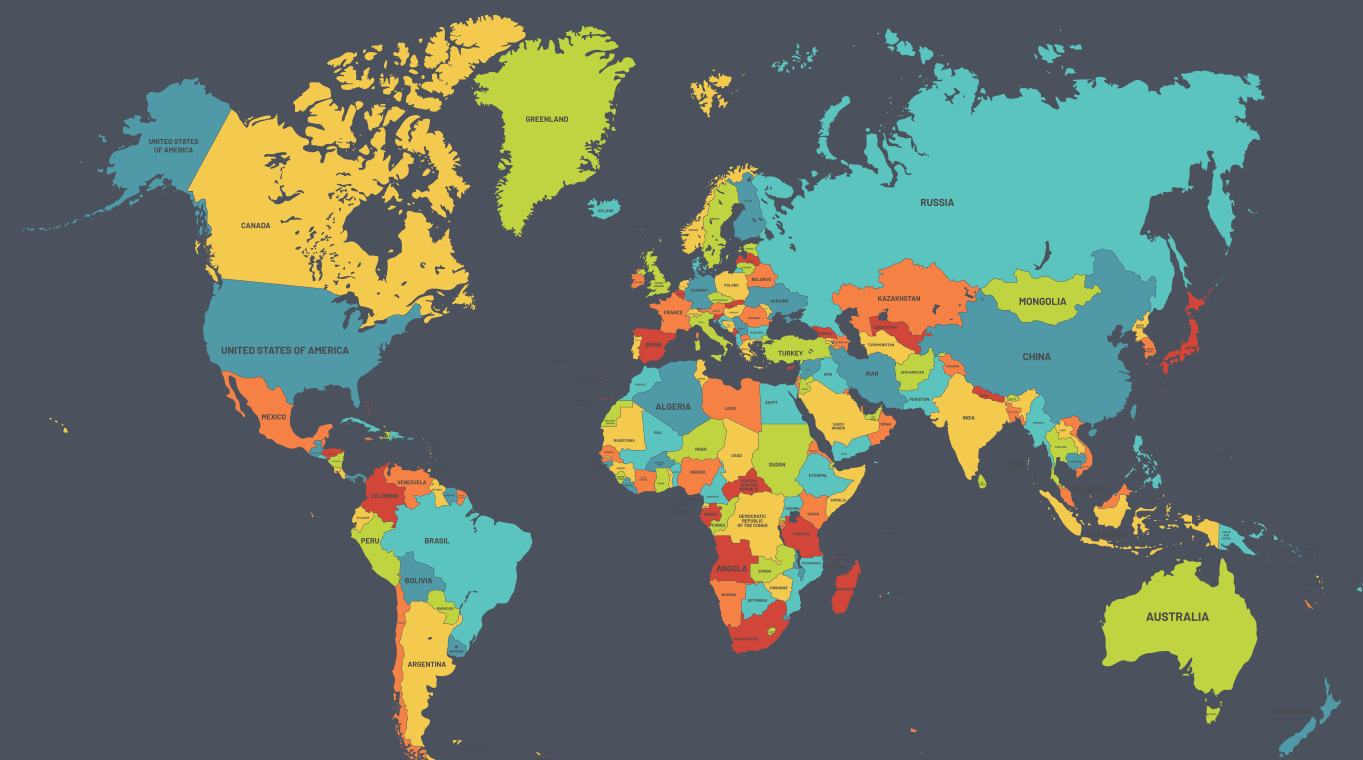
IEC : 60317 volume of current that cannot be transmitted by wires



OUR EXPORTS IN THE INTERNATIONAL MARKET

Litmus Industries is one of the first cable companies in Nepal that exported Enameled Copper Winding wires to India from the year 2001 to 2017.

Diversifying our export portfolio, Litmus Industries has also been regularly supplying Power Cables/ACSR Conductors in the Bhutanese Market to Bhutan Power Corporation Limited from 2006-2016.



OUR CLIENTS:



NEPAL ELECTRICITY
AUTHORITY



NEPAL TELECOM



TRANSWELD NEPAL
P LTD



NEPAL EKARAT
ENGINEERING CO. PVT. LTD.



ACE CONSTRUCTION CO.
PVT. LTD.



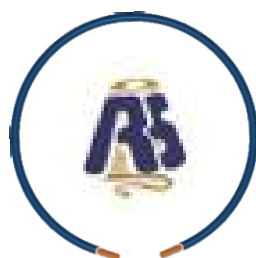
MUDBHARI & JOSHI
CONSTRUCTION PVT. LTD.



API POWER
COMPANY LTD.



BALEPHI HYDROPOWER



RELIANCE SPINNING
MILLS PVT. LTD.



JAGDAMBA STEEL
PVT. LTD.



SHIVAM CEMENT



ASIAN PAINTS (NEPAL)
PVT. LTD.



COSMIC ELECTRICAL
ENGINEERING PVT. LTD.



GHORAH CEMENTS
PVT. LTD.



GOENKA STEEL
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HILLTAKE INDUSTRIES
PVT. LTD.



MAHAVIR SHREE
INTERNATION PVT. LTD.



BUTWAL POWER
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BHUTAN POWER
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SHAURYA CEMENT
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SHARMA ELECTRICALS



BAKRA TECHNICAL
SOLUTION



DELIGHT ELECTRICAL
ENGINEERING PVT. LTD.



AGNI ENTERPRISES



MAW ENGINEERING
PVT. LTD.



URJA INTERNATIONAL
PVT. LTD.

OUR SUPPLIERS:



VEDANTA LTD.



HIND ALUMINIUM INDUSTRIES LTD.



GUPTA POWER



KLJ GROUP



BOROUGE



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HULAS WIRES

OUR BRAND- AT A GLANCE



Litmus overhead conductors and house wiring cables provide customers with superior quality and German technologically advanced, state-of-the-art cable solutions, thereby equipping households with efficient and durable overhead conductors and house wiring cables that surpass expectations in value and reliability.



Lotus enameled copper winding wires produce enameled wires with advanced German technology conforming to IS:13730. and International Standards such as the British (BS), IEC, aiming to fulfill the demands to secure, efficient, and durable Enameled wire solutions.

QUALITY मा NO.1 हुनुको राज हो ADVANCED GERMAN TECHNOLOGY



100%
COPPER



100%
BUNCHING



EXACT
DIAMETER

