

LEADERS OF CHANGE

Powering to success

The remarkable journey of **KSH International Pvt. Ltd.**, a Pune-based conglomerate led by the Hegde family, has left an indelible mark in the manufacturing industry

MANUFACTURING POWERHOUSE

KSH Group is promoted by the Hegde family and is a Pune based Group. Kushal Subbayya Hegde is the Founding Chairman of the Group. Rajesh Hegde is the Managing Director of KSH International (KSH International Pvt. Ltd.). KSH Group is a well-diversified group with interests in manufacturing, logistics, infrastructure, distriparks as well as service & distribution. The group has more than 1000 employees and is contributing in a major way to the industrial activity in Pune industrial region. KSH Int. was established in the year 1981 at Taloja Navi Mumbai for manufacturing Paper Insulated Copper Conductors (PICC). The capacity was slowly & steadily

increased from 1981 to 1997. A major leap in manufacturing capacity addition happened in 1998 when the capacity grew to 3600 MT pa. In the year 2002, a new green field project was set up near Pune for manufacturing of enameled copper conductors. In 2006, KSH Int. achieved a major milestone by setting up its own Continuously Transposed Conductors (CTC) manufacturing facility. Today, KSH Int. holds India's largest capacity for CTC manufacturing. KSH Int. achieved another major milestone, in the year 2019, with the commissioning of its new green field project for enameled round winding wires. In a short span of 3 years, KSH Int. has doubled its capacity for enameled round winding wires.

approval from PGCIL in 2017. As a result, the organisation has successfully supplied more than 500 jobs of 765kV transformers and more than 35 jobs of HVDC transformers. They have played a pivotal role in India's power sector with its make in India and Atmanirbhar Bharat initiatives all along its journey.

PRODUCT OFFERING

- Continuously Transposed Conductors
- Paper / Nomex® / Polymica covered copper rectangular Conductors
- Enameled copper rectangular Conductors
- Insulated copper multiple bunch rectangular Conductors
- Bare and Enameled round copper wires
- Bare and Enameled round aluminium wire

STRIVING TO BE FRONTRUNNERS

KSH Int. aims to be a global leader and preferred partner, providing customized solutions across industry segments. Based on scientific, technical and commercial expertise the mission is to provide innovative wires, cables and customized solutions for automotive, power, consumer durables and all other electrical industries to create value to our customers, shareholders, and employees.

AN ASTOUNDING ASCEND

KSH Int. has a loyal client base which includes both global and Indian companies across industry segments like auto electricals, motors, compressors, power transformers and rectifiers. As a result of this strong foundation. The company has grown at 15% CAGR over the last 5 years. KSH Int. was the first Indian manufacturer to receive 765kV transformer approval from Power Grid Corporation of India (PGCIL) in the year 2011. This was followed by HVDC transformer

COMPETITIVE EDGE

KSH Int. specializes for HVDC and extra high voltage (EHV) power transformers and reactors with 765kV voltage rating. KSH Int. is also an RDSO approved supplier for electric loco and track side transformers to the Indian Railways. KSH Int. caters its winding wires to special application like furnace transformers and rectifiers. With the commissioning of the enameled round wire facility KSH Int. is now catering to a wider set of industries including auto electricals, compressors used in refrigeration industry, motors, alternators, consumer appliances, switch gears and electric vehicle (traction motors) to name a few. KSH Int. has more than 4 decades of experience in this field of manufacturing winding wires. The company has widest range of portfolio in the industry of enameled winding wires and is highly focused on gaining expertise and

achieving excellence in developing customized product solutions.

BROADENING HORIZONS

KSH Int. has a robust manufacturing set up with most of its machineries from reputed and well know European, US, China and Indian manufacturers. KSH Int. also has a very well-equipped laboratory for validating the quality of the wires both online as well as off-line. KSH Int. has invested in advanced equipment like analyzers, high resolution microscopes, rapid profile projectors, etc. to ensure trouble free products are supplied to our customers. The company plans to double its capacity by FY2030 thereby building a robust footprint and contributing to our country's growth.

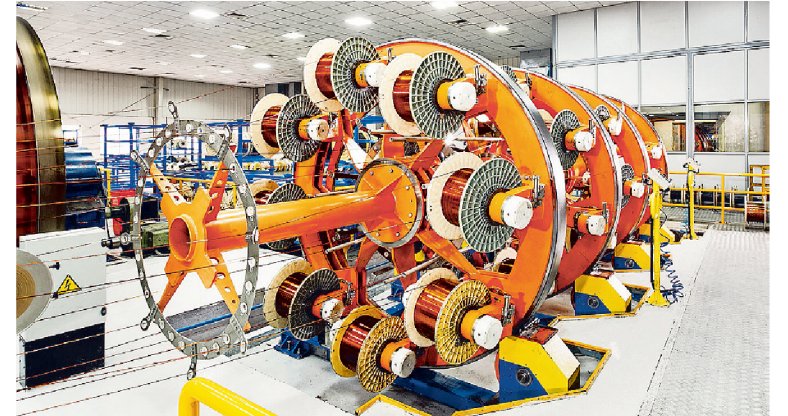
As companies strive to reduce their carbon footprints, some of the major transformer manufacturers across the world are developing new low-carbon transformers insulated with biodegradable oils which generates reduced CO2 emissions. India also has a vision of reaching 500 GW by 2030. The Indian government is aiming to meet its commitments given in COP26 wherein 50% of its energy requirements will be from renewable energy sources and will reduce cumulative emissions by one billion tons by 2030. KSH Int. is well positioned to take advantage of the emerging demand. We are already exporting 35 to 40% of our annual output to these markets.

FOUNDATIONAL VALUES

KSH Int. has five core values – Integrity, Empowerment, Excellence, customer delight and respect for all. This has been our guiding principle in whatever we do every day. Sustaining these core values is going to be key as the company continues embark on its ambitious growth & expansion plans.

FLOURISHING THROUGH TECH ADVANCEMENTS

E-mobility is an emerging market for the magnet wire industry for two-wheelers, passenger as well as utility vehicles. In 2022, more than 1M electric vehicles have



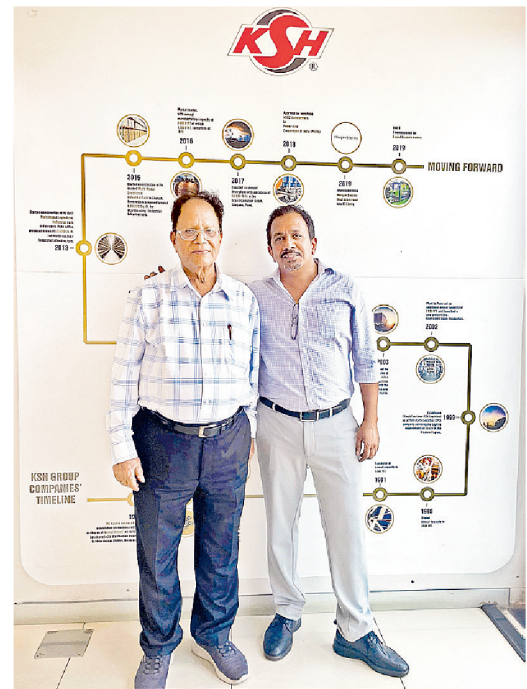
been added which is a jump of 150% over previous year. The shift from IC engine vehicles to EVs is underway in India, which has outlined EVs to account for 30% of its mobility requirements by 2030. KSH Int. is getting ready to address this emerging market. With our strong technical background, expertise and experience in enameled winding wires KSH Int. is well poised to cater to this market in near future.

MOVING AHEAD WITH SUSTAINABILITY

KSH Int. has always strived to adopt principle of reduce,

re-use and recycle in our plant operations & maintenance. One of the recent initiatives was installation of roof top solar of 1 MW power generating capacity. They also have a 12,000 Sq. Mtrs rainwater harvesting system in our facility to help recharge the ground water. By way of 12000 LPD bio-filter based sewage treatment plant they recycle the precious water for other day to day requirements thereby reducing the load on freshwater. Last but not the least they also reuse all the wooden packaging materials to reduce the burden on the plantations.

Emerging as one of the country's top original electrical equipment manufacturers, KSH Int. under the leadership of their managing director, Rajesh Hegde, has achieved unprecedented growth with strategic vision and commitment to innovation



40+ GLORIOUS YEARS
of building India's Infrastructure in
**Power Equipment, Renewables, Railways,
Motors, Appliances & EV Markets**



No. 1 Manufacturer of insulated Rectangular non-ferrous conductors
Fastest growing manufacturer of Enameled Round Winding Wires
No. 1 Indian exporter of Continuously Transposed Conductors



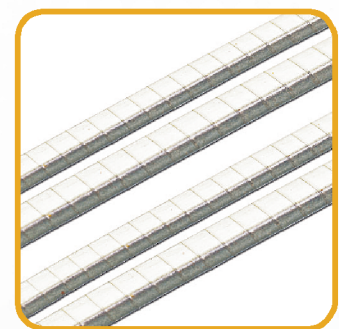
Continuously Transposed Conductors CTC



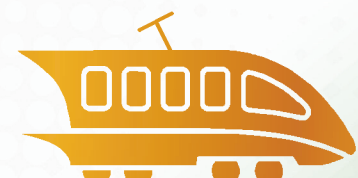
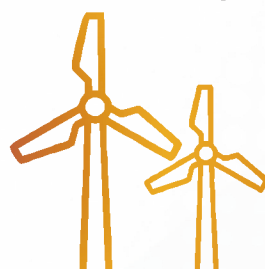
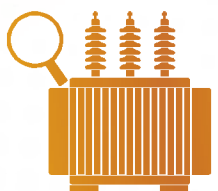
Enameled Round Winding Wires



Speciality Rectangular Winding Wires



Wrapped Rectangular Winding Wires



Wires & Cables : Performance Redefined

EMPOWERING INDIA & THE WORLD WITH LATEST TECHNOLOGICAL EXPERTISE & EXPERIENCE

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