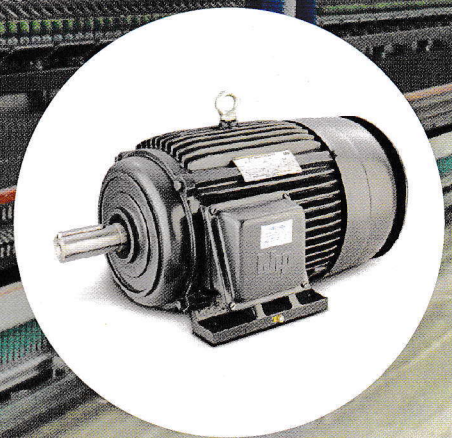


LHP UPDATE

Newsletter

Issue 19 January 2017

Undisputed leadership in
Textile Motors
since early eighties



Industry leaders recognise our quality, innovation and service with awards and registrations

supremo
IE MOTORS

Lhp
MOTORS DRIVES
Driven by Commitment

ultomo
IE4 MOTORS



The Mentor Speaks

We, at LHP, always aim at offering you better technology, services of highest standard and highest economy in the life-cycle-cost of motors.

Through continuous improvements in products and processes, we aim at achieving quality with total employee involvement. The trained workforce at LHP ensures compliance to international standards at every step in manufacturing. Our commitment to quality and providing customers with value added cost-effective solutions have instilled confidence in them.

We enjoy unrivaled, formidable reputation of being the largest special purpose motor manufacturer in India.

We look forward to an early implementation of GST which, I believe, will lend a helping hand in reducing the cost of production and ensuring more competitiveness for everyone of us.

Extending my best wishes to all for the new year - 2017,

Sharadkrishna Thakre

Managing Director

Dear Friends,

It is once again a pleasure to communicate with you all. Our past few issues have been highlighting the pressing need of protecting our environment. This led us to develop IE3 motors, and now, we have taken a step ahead and are in the final stage of developing **IE4 energy efficiency motors**.

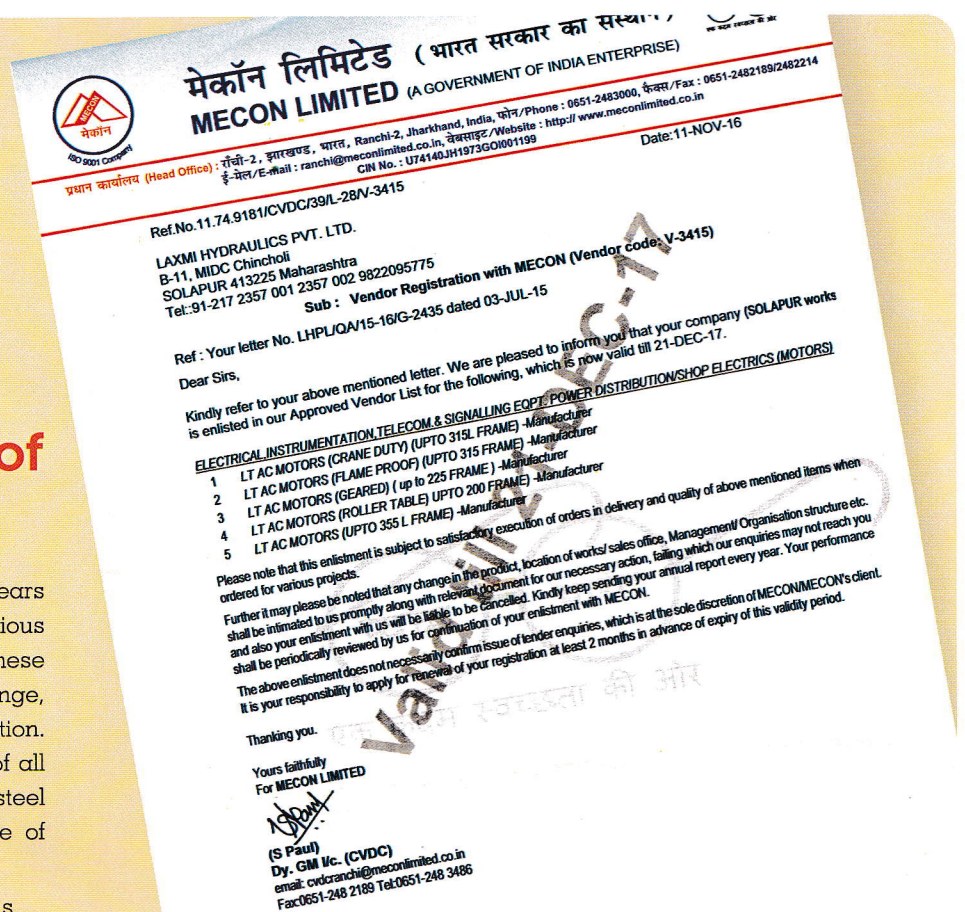
Our association with the textile industry for more than three decades has helped us develop state-of-the-art motors which are perfectly suited to serve this industry. Our focus in the last six months has been the end-customer segment. With many innovative products coming up soon, we are increasing our reach and market share. We are also widening our dealer network and already exporting to more than 35 countries.



MECON extends Vendor Registration for the entire range of LHP motors

We are registered with MECON for the last 7 years and are consistently supplying to various prestigious projects. Considering our performance during these years and new additions in our product range, MECON has granted extension of the registration. Now this registration covers our entire range of all types of motors. This will allow us to serve the steel and other industry sectors with a wide range of offerings.

We sincerely thank MECON for reposing trust in us .





'Best Vendor Award' from BHEL, Hyderabad

Bharat Heavy Electricals Ltd. is an integrated power plant manufacturer and one of the largest engineering and manufacturing companies in India. BHEL has honoured us with the **Best Vendor Award 2016** in recognition of our efforts to ensure consistent quality, on-time deliveries and efficient service throughout the year.

BHEL, Hyderabad is a member of the prestigious BHEL family and caters to various industry verticals such as fertiliser, chemical, petrochemical, refinery, paper, sugar and steel. It is the most important manufacturing unit of BHEL contributing a major share in overall business operations. BHEL, Hyderabad has collaboration with world renowned MNCs like General Electric, USA and Siemens, Germany.

Suppliers with exceptional and consistent track record for quality and service can only qualify to be vendors for BHEL. For over three decades, LHP is best known for consistently maintaining excellence in quality and keeping up the promises of delivery, performance and prompt service. Our Research and Development department has the technical capability to match international standards enabling us to cater to the needs of such large industries in the world. The R&D department of LHP is recognised by the Ministry of Science and Technology, Government of India.

LHP has been supplying a range of electric motors to their Oil Rigs Division for more than 15 years. We are also an approved vendor for different divisions of BHEL at Noida, Ranipet, Trichy, Bhopal, Bangalore and Haridwar.

During the 'Quality Month' at BHEL, Hyderabad the Best Vendor Award for 2015-16 was conferred upon us.



The award ceremony was held on November 30, 2016 at the hands of Mr. Amitabh Mathur, Director-I & SP, Mr. Sandeep Narang, ED-PE&SD, Hyderabad, Mr. D.K. Thakur, ED-HPEP, Hyderabad.

Energy Efficient IE3 & IE4 Range of LHP Textile Motors

Energy saving ideas

The textile industry is the third-largest energy consuming industry after chemical and engineering industries. Its estimated energy saving potential is nearly 25%. (Source: TERI Report). Hence, the focus is reducing energy consumption at load-end by optimising efficiency of electric motors.

Textile mills produce yarn (thread) from cotton in six stages of processing. The textile mill operations can be classified in three systems namely, card sliver, combed sliver and ring spinning system.

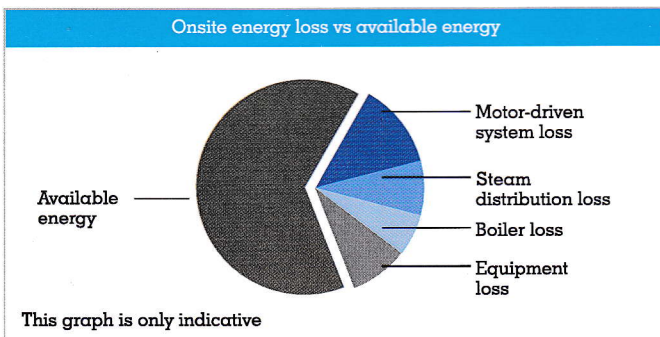
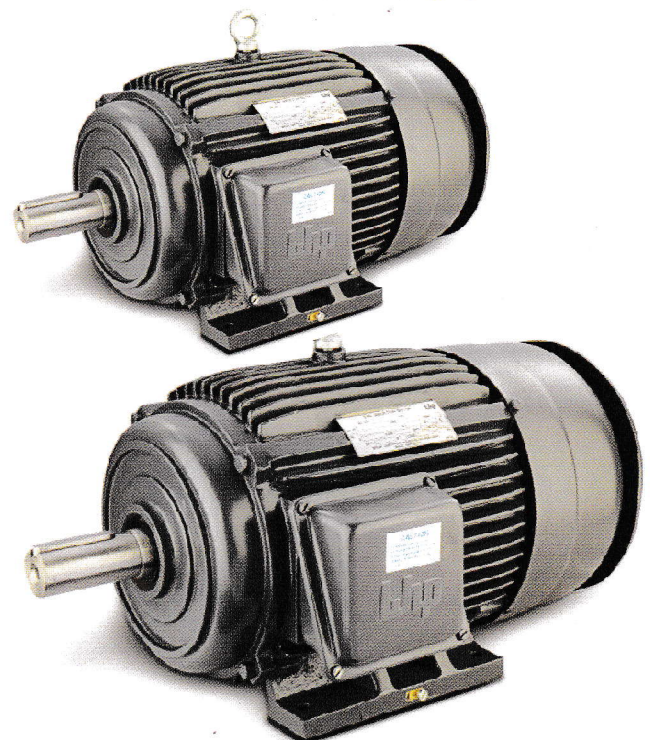
The card sliver system consists of blow room and the carding machine, which removes foreign particles from

raw cotton and converts it into thick yarn (sliver).

The combed sliver system consists of draw frame and comber machines. The draw frame machine ensures uniformity in the thickness of the sliver and the comber machine removes the unwanted short fibre in the sliver.

Ring spinning system consists of Speed Frame and Ring Frame machines, which convert sliver (thick thread) into yarn (thin thread).

Ring Frame is the final product of the spinning mill. LHP has developed compact and energy efficient Motors up to 100 kW for these Ring Frame, taking into consideration load pattern and site conditions.



Energy saving potential in Indian industry

Industry	Energy saving potential
Iron & steel	10%
Furniture	15%
Textiles	25%
Cement	15%
Chlor-alkali	15%
Pulp & paper	25%

Source: Report on building a low-carbon Indian economy, CIT

s for textile industry

In a typical textile mill, the Ring Spinning region consumes nearly 50% of the total power consumed.

Our research with power consumption patterns prevailing in a textile mill clearly indicates that the ring frame machines were running with lesser efficiency (90.5%) on the main motor. Hence, we replaced the main motor with an LHP IE3 higher efficiency motor (94.2%) on one machine on a trial basis. A study was conducted with the same process and machine parameters, which showed substantial energy savings on the Ring Frame machine.

The summary of results is as follows:

Power study report s ✓

Existing motor specification -APOLE		LHP motor specification s ✓	
Rating	75kW/IE1	75kW/IE3	75kW/IE4
Efficiency	92.7	95	96
Voltage	415	415	415
Input	32.36	31.58	31.25
Energy savings (units/day)	18.8	26.7	
Energy savings (units/year)	5848	8303	
Cost savings/year (Rs.)	40937	58124	
<i>(Per unit cost considered as Rs.7)</i>			

Payback period calculation

Investment Rs.	30867	91597	
Payback in months	9	19	

Note: All the figures mentioned here are indicative.

The city's tradition of textile production dates back to the Peshwa rule in Maharashtra in the late 18th century. Madhavrao Peshwa invited Telugu speaking traditional weavers from the nearby Andhra Pradesh to Solapur and provided them infrastructure to establish a textile hub. In later centuries, two large composite textile mills were established and several textile ancillaries came up to establish Solapur as a renowned textile centre in India.

Although weavers produced usual textiles such as saris, dhotis, towels, etc., the city specialised in producing Jacquard bed covers famously known as 'Solapuri Chaddar'.

In the closing decades of the 20th century, the large composite mills like Narsing-Girji, Laxmi Cotton, Vishnu Cotton, Shri Jam Ranjitsingji, Lokmanya and Jayashankar were closed down. But the number of small scale units still continue to function. Today, Solapur is one of the leading

History of textile industry in Solapur and our contribution

centres for power looms and cotton mills. Solapuri Chaddars being durable and of novel designs, have earned the city name, fame and glory. LHP's association with textile mills dates back to early 80s and since then it is a trusted supplier.

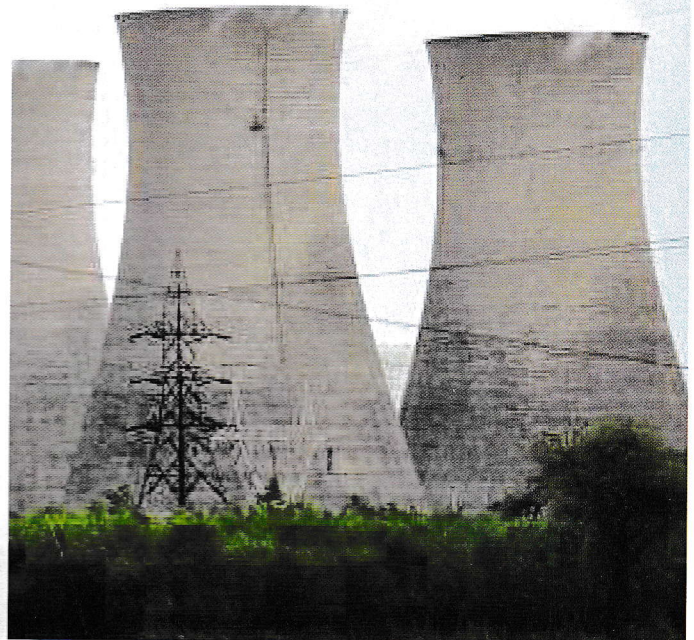
Our high quality motors earned an excellent reputation in the industry and textile machinery manufacturers all over the world started approaching us. Today, we are known for developing custom-built motors for different applications in the textile industry. These are time-tested solutions proving their operational efficiency in different parts of the world. Today, we are a major supplier to the world's leading textile machinery manufacturer such as RIETER Group.



Telangana State Power Corporation approves LHP motors for their various power plants

Over the years, LHP has repeatedly proved its performance in the Power sector. We are a major supplier to BHEL, MAHAGENCO, APGENCO and NTPC.

Now, LHP has received approval for supply of motors to the units of Telangana State Power Corporation, Hyderabad (TPC). Our sincere thanks to TPC management for the opportunity.



Bringing cheer to textile owners at Electrotec 2016 exhibition

LHP participated in Electrotec 2016 (Electrical and Industrial Electronics Exhibition) which was held at the CODISSIA Trade Fair Complex, Coimbatore in September, 2016.

Our IE3 & IE4 range of textile motors were of great interest to textile mill owners in Coimbatore and Tirupur. They were impressed to know the benefits of using IE3 &

IE4 motors instead of conventional motors. Considering the power saving and quick payback offered by these motors, many of them decided to replace existing motors and immediately placed orders.

We thank and welcome all of them to experience technology, service efficiency and great savings in the long run with LHP motors.



Leader recognises leader

Kirloskar Pneumatic recognises our continuous efforts in establishing quality systems under their 'Supplier Implemented Improvements' programme



Pioneering industrial revolution in India, Kirloskar group has consistently contributed in every field of its sphere of operations. During its 120 years' journey, Kirloskar Group is well-known to the industry for its customer focus, respecting organisational values and good corporate governance.

Kirloskar Pneumatic Company Ltd. (KPCL) is one of the core group companies and was incorporated in the year 1958 under the chairmanship of Late Shri Shantannurao Kirloskar. The company manufactures air compressors, pneumatic tools, air conditioning and refrigeration systems, marine HVACR, process gas systems and hydraulic power transmission machinery. KPCL specialises in providing engineering solutions and turnkey project expertise.

LHP is the most preferred partner of KPCL for their entire requirement of Electric Motors for the last several years. This is chiefly because of our focus on innovation, customer-centric approach and efficient service support. Highest reliability of LHP motors is the result of thorough knowledge of technology, innovative approach to design customisation, manufacturing excellence, well laid-out quality policy and proven performance. **We have been associated with KPCL for over 7 years.**

KPCL celebrated their quality month initiatives during

November 2016 and held a presentation competition on **SUPPLIER IMPLEMENTED IMPROVEMENTS.**

Quality Head at LHP, Satish Gunje made an impressive presentation at this event. The presentation was adjudged as the best by an eminent panel of KPCL over 13 other suppliers.

The team of judges was highly impressed to know about the various improvement initiatives being implemented at LHP to meet the quality challenges of KPCL.

Satish Gunje also explained various measurable checks being followed at different stages of production to ensure highest product quality.

The LHP team consisting of Satish Gunje, Manager QA, Anoop Naik, Manager-Customer Service and Suhaib Timmapure are actively involved to ensure first time right quality, product reliability, life improvement, quality and process improvement.

The felicitation ceremony was held on 5th December and the Chairman of KPCL, Mr. Rahul Kirloskar honoured our Managing Director, Mr. Sharadkrishna Thakre with the trophy.

Later in his speech, Mr. Thakre attributed the success to the entire LHP team and appreciated the efforts for the implementation and adherence to quality systems at all levels.



Enriching Lives



Gulab Mulla

Who's Who?

Name of Team Member	: Gulab Mulla
Age	: 51 years
Family Status	: Married
Married to	: Shabana
Names of Children	: Aslam, Saleha & Sana
Qualifications	: M.A., Diploma in Import & Export
Service with LHP	: 25 years
Present Designation	: Manager (Stores)
Responsibility Shouldered	: Inventory Management, Central Excise & Service Tax
Special Achievements	: Efficient Stores Management
Hobbies	: Cricket & Listening to old songs
Favourite Snack	: Manchurian
Favourite Celebrities	: Amir Khan, Mohammed Rafi
Favourite Holiday Destinations	: Ooty
Strengths	: Striving for perfection in execution
Weaknesses	: Getting impatient on work-indiscipline
Message to Colleagues	: Always work as a team with full involvement.

Getting future-ready Training on ISO 9001-2015 implementation


International consultant on ISO, Basudev Banerjee conducted a day-long training workshop for senior executives and managers at LHP.

The session covered various topics to enhance effectiveness and ensure result-oriented implementation of the various clauses of the ISO 9001-2015 system.

LHP team expresses its sincere thanks to Mr. B. Banarjee for equipping us with relevant knowledge and become prepared to face future challenges.



Invitation



Visit us at
Stall No. D-12 (Hall No. 3)
 Venue: Anandpura Sports Complex,
 GIDC, Ankleshwar, Gujarat
 Date: January 26 - 28, 2017

Corporate office and manufacturing plant



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