

RAMKRISHNA FORGINGS LIMITED

Date: 12th November 2021

The Listing Department

BSE Limited

PJ Towers

Dalal Street

Mumbai - 400 001

The Listing Department

National Stock Exchange of India Limited

"Exchange Plaza" C-1, Block G

Bandra-Kurla Complex, Bandra (E)

Mumbai-400051

BSE SCRIP CODE: 532527

NSE SYMBOL: RKFORGE

Dear Sir / Madam,

Sub: Announcement under Regulation 30 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015 — <u>Press Release</u>

Please find enclosed the Press Release titled "Ramkrishna Forgings Limited and ePropelled (USA) Partner on EV Motors."

Request to kindly take the same into record.

Thanking You,

Yours truly,

For Ramkrishna Forgings Limited

Rajesh Mundhra Company Secretary

Encl. As above







Ramkrishna Forgings Limited and ePropelled (USA) Partner on EV Motors

RKFL signs an MOU with ePropelled (USA) to manufacture their patented Dynamic Torque SwitchingTM (eDTS) motor technology. This technology will provide the light EV manufacturers in India with an innovative energy saving solution for the high-growth eMobility market

November 12, 2021, Kolkata: Ramkrishna Forgings Limited, one of the leading suppliers of rolled, forged and machined products has signed a memorandum of understanding with ePropelled (USA), the Massachusetts-based technology company that offers leading-edge electric propulsion systems.

Based on the agreement, the two companies will jointly develop eAxle products based on ePropelled's patented Dynamic Torque SwitchingTM (eDTS) technology that increases power efficiency by at least 15%, allowing manufacturers to reduce the size and cost of their battery packs. In addition, eDTS provides high torque at low speeds without drawing high current from the batteries as well as high speeds at low torque levels without using field weakening. This unique combination results in a highly scalable design that can be used in a variety of vehicles ranging from light EVs—such as scooters and three-wheelers—to cars, light trucks, and large trucks.

According to research from IDTechEX, India's EV market will be worth \$35 billion in 2041 as the country of more than 1.3 billion people looks to electrify transportation with an emphasis on motorbikes and micro-mobility. The electric three-wheeler market in India is seeing significant growth with typical sales of 140,000 per year, which is a rising percentage of the total three-wheeler segment. The combination of ePropelled (USA) and RKFL will provide Indian manufacturers with a more innovative propulsion system that maximizes power efficiency while delivering the performance and distance requirements expected by consumers.

"As large markets like India look to increase EV adoption to reduce pollution and increase energy efficiency, the EV market has been restricted for too long by inefficient motors and the size and cost of batteries," said Naresh Jalan, Managing Director at RKFL. "By collaborating with ePropelled (USA), we can create a compelling, next-generation propulsion system for manufacturers to provide them with varied options when selling motorbikes, three-wheelers, and light four-wheelers in the Indian market."

Based on preliminary input from automotive manufacturers, ePropelled (USA) and RKFL have developed product specifications for motors, controllers, and software for propulsion systems up to 15kW for the motorbike, three-wheeler, and light four-wheeler markets.

"RKFL is an established Teir 1 international automotive supplier in India that understands the huge market potential for manufacturers offering more efficient EV mobility options in the country," said Nick Grewal, president and CEO of ePropelled (USA). "This agreement validates our patented technology for the automotive market and also showcases our strategy as a technology company to collaborate with manufacturing partners on product development, manufacturing, marketing, and sales to accelerate EV adoption across vehicle segments and regions."





About Ramkrishna Forgings Limited

Ramkrishna Forgings was incorporated in 1981 with the objective to manufacture forged products. The Annualized installed capacity after commissioning of Hollow Spindle Line, a new 7000 Ton Press Line, a 2000 Ton warm/hot Forming Press and a fabrication facility is 187,100 MT. Headquartered at Kolkata, the company has state-of-the-art manufacturing facilities at Jamshedpur along with offices at Detroit in USA, Toluca and Monterrey in Mexico, Istanbul in Turkey having warehousing facilities at Hagerstown, Louisville, Detroit in USA, Toluca, Monterrey in Mexico and Westerloo in Belgium. Over the years, the company increased its forging and die making capacities and added machining and heat treatment facilities, including isothermal annealing, which enabled it to undertake manufacturing of components for OEMs and Tier 1 companies. The Company is certified in terms of TS 16949, OSHAS 18001 and ISO 14001 and is a manufacturer & supplier of closed die forgings of carbon and alloy steel, micro alloy steel and stainless steel forgings which can be supplied in As Forged + Heat Treated + Machined and Fully assembled condition as per the customer's requirement.

The Company is suppliers to various sectors like Automotive, Railways, Farm Equipment, Bearings, Oil & Gas, Power and Construction, Earth Moving & Mining, both in India & overseas markets. The Company is a critical safety item supplier for undercarriage, Bogie & Shell parts for railway passenger coaches and locomotives. It is a preferred supplier to OEMs like TATA Motors, Ashok Leyland, VE Commercial and Daimler in India and to Volvo, Mack Trucks, Iveco, DAF, Scania, MAN, UD Trucks and Ford Otosan in the overseas markets. It supplies globally to Tier 1 axle manufacturers like Dana, Meritor and American Axles.

About ePropelled (USA)

ePropelled (USA), designs intelligent motors, motor controllers, and generators that help reduce energy consumption and improve system efficiency at a lower cost in the UAV, EV, and pump markets. We are a leader in magnetics engineering, and our patented technology and innovative smart power systems are equally at home in the air, on the road, and under water, defining the future of electric propulsion.

ePropelled (USA) has offices in the United States, Europe, and India and works with manufacturers of various types and sizes around the world. For more information, visit epropelled.com.

Safe Harbour

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RKEL

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