December 1, 2023

BSE Limited
Listing Department,
Phiroze Jeejeebhoy Towers,
Dalal Street,
Mumbai 400 001

National Stock Exchange of India Limited
Listing Department,
Exchange Plaza, 5th Floor,
Plot No. C/1, G Block,
Bandra Kurla Complex,
Bandra (East) , Mumbai-400 051

Scrip Code : 500150

Scrip code : FOSECOIND

Dear Sir / Madam,

Sub: Interview published in a business magazine – Regulation 30 of SEBI (LODR) Regulations

Please find attached herewith the interview of the Managing Director of the Company published in the magazine - METALWORLD.

A copy of this publication is also being hosted on the Company's website at www.fosecoindia.com in terms of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, as amended.

You are requested to take the above information on record.

Yours faithfully,
For FOSECO INDIA LIMITED

MAHENDRA KUMAR DUTIA
Digitally signed by MAHENDRA KUMAR DUTIA
Date: 2023.12.01 22:34:54 +05'30'

Mahendra Kumar Dutia
Controller of Accounts and Company Secretary

Disclaimer:
The attached publication may contain forward-looking statements within the meaning of applicable securities laws and regulations. These statements are based on management's current views, expectations, assumptions, and projections regarding the Company's future performance, business plans, growth prospects, competitive and regulatory environment, and other related matters. Such forward-looking statements are subject to various risks and uncertainties, which may cause actual results to differ materially from those expressed or implied in the statements.

Factors that could cause the actual statements/comments to differ materially from those contemplated in the forward-looking statements are not limited to changes in economic conditions affecting demand/supply and price conditions in the domestic and overseas markets in which the Company operates, alterations in the business environment, changes in product technology, reduced demand for some products in our key focus area, fluctuations in Government regulations, laws, statutes, judicial pronouncements, and other incidental factors.

Although the Company believe the expectations reflected in such forward looking statements are based upon reasonable assumptions, it can give no assurance that the expectations will be attained or that results will not materially differ. The Company does not undertake any obligation to publicly update or revise any forward-looking statements based on subsequent events, information, or developments, except as required by applicable laws and regulations.

Prasad Chavare - M.D. & CEO, FOSECO, India

“We are committed to a culture of constant innovation”

In the ever-evolving foundry and casting industry, Foseco India has not only withstood the test of time but has also emerged as a trailblazer. With a rich history spanning decades, Foseco India has firmly established itself through unwavering innovation and adaptability. The company's ability to remain at the forefront of the industry is not only a testament to its past but also a glimpse into the visionary approach it embraces. Foseco's innovative solutions and steadfast commitment to a "Solution Partnering Approach" have truly set it apart. In this interview with Prasad Chavare- Managing & CEO, we delve into how Foseco India seamlessly combines tradition and innovation, and we explore what the future holds for this industry leader.

1. **Innovation is often closely tied to sustainability. How is Foseco India integrating eco-friendly practices and materials into the casting and foundry processes?**

At Foseco India, our unwavering commitment lies in the fusion of innovation and sustainability within our casting and foundry processes. To achieve this, we employ a multi-faceted approach that leverages cutting-edge solutions while prioritizing environmental preservation.

One notable example is INSTA Coatings, a revolutionary coating for foundries. This water-based powder coating for ferrous castings offers up to a 30% reduction in costs, eco-friendliness, and extended shelf life, saving valuable time and resources.

Another remarkable innovation is our Semco CC coatings. By providing precise control over drying times and temperatures, Semco CC coatings optimize oven drying processes. They also exhibit reversible color changes in high humidities, reducing waste and significantly lowering our environmental footprint. Additionally, these coatings reduce our reliance on sand disposal and lower fettling costs, enhancing our operational efficiency. In summary, Semco CC coatings are a powerful and cost-effective solution for industries aiming to improve their processes, reduce energy expenditures, and embrace sustainability.

Figure 1 Semco CC

Our arsenal also includes Semco FDC coatings, specially designed for flow coating applications. These coatings bring a multitude of benefits to our operations. Their rapid drying speed accelerates production processes, leading to increased

efficiency. Importantly, Semco FDC coatings reduce energy consumption by up to 50% during the drying process, resulting in substantial cost savings for businesses. Their user-friendly design streamlines application, making processes even smoother and more efficient.

We are committed to a culture of constant innovation and the pursuit of sustainable solutions that enhance operational efficiency and have a positive impact on the environment.

2. Could you share some recent examples of breakthrough technologies or solutions that Foseco India has developed to enhance the quality and efficiency of casting production?

Certainly, Foseco India stands at the forefront of developing breakthrough technologies and solutions aimed at enhancing the quality and efficiency of casting production. Let's delve into two remarkable innovations: ROTOCLENE and STELEX Optiflow 3D.

ROTOCLENE is a cutting-edge process designed to produce the highest quality, clean steel for casting. This method uses Rotary stirring equipment to generate a fine curtain of argon bubbles, effectively lifting fine inclusions from the metal. These bubbles efficiently capture any inclusions and bi-films, transporting them to the melt surface, where they become entrapped in the slag layer. Consequently, steel can be poured at lower temperatures, reducing shrinkage and promoting finer microstructures. The advantages of ROTOCLENE encompass achieving uniform melt temperature, enhancing metal purification, increasing filtration capacity, facilitating desulfurization, minimizing the risk of stopper freezing, lowering pouring temperatures, reducing defects in X-Ray and Magnetic Particle Inspection, and ultimately enhancing the mechanical properties of the cast steel.

Figure 2 ROTOCLENE

Another groundbreaking innovation is the STELEX Optiflow 3D filters, representing a significant leap in casting filtration technology by harnessing the power of 3D printing. This innovative approach allows for the creation of filters with highly specific pore sizes, mixed and graduated pores, and versatile structures within a single filter. The result is tailored filtration solutions that optimize inclusion capture and control metal flow to meet specific application requirements, ensuring consistent and predictable performance. This advanced design not only enhances filter performance but also offers high-capacity filters for large casting filtration. Furthermore, it simplifies filter application, leading to cleaner castings and improved casting process efficiency.

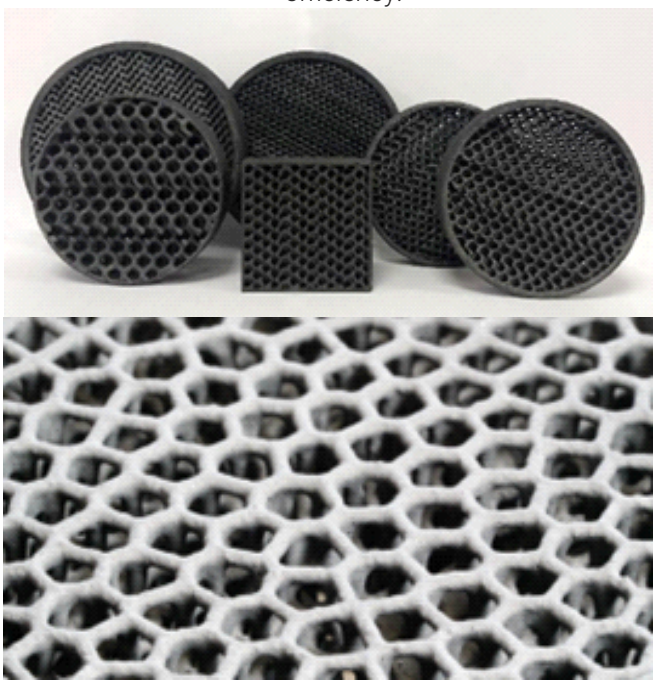

Figure 3STELEX Optiflow 3D

3. The foundry industry is known for its energy-intensive operations. What innovative methods or solutions is Foseco India adopting to reduce energy consumption and carbon emissions?

Foseco India is proactively addressing the energy-

intensive nature of the foundry industry by embracing innovative solutions aimed at reducing energy consumption and carbon emissions. Two noteworthy examples c their commitment to sustainability are ENERTEK and FEEDEX HD:

In response to the industr energy challenges, Foseco has invested substantial R&D efforts into the development o thermally efficient ENERTEK crucibles, customized for electric resistance aluminum melting and holding furnaces. The utilizatio of ENERTEK crucibles, allows businesses to significantly reduce their energy costs and lower their carbon footprint. These crucibles have proven effective, particularly in induction furnace operations for melting precious metals and continuous casting applications in the non-ferrous sector.

Figure 4 Enertek Crucibles

FEEDEX HD boasts high yield, exothermic properties, impressive strength, suitability for spot applications, and cost-effective fettling. The combination of these attributes not only optimizes the casting process but also helps control production costs, contributing to enhanced energy efficiency and overall cost savings.

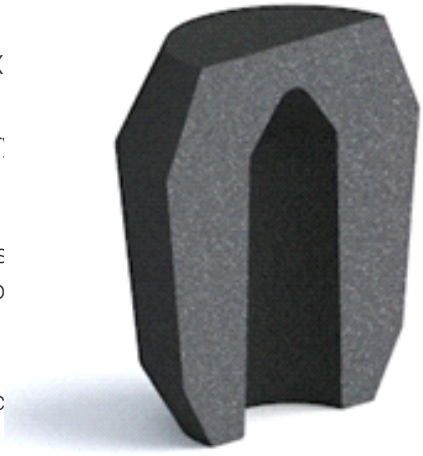

Figure 5 Feedex HD

4. As the world moves towards a more circular economy, how is Foseco India contributing to the recycling and reuse of materials in the casting and foundry processes?

Foseco India is at the forefront of contributing to the circular economy by actively promoting the recycling and reuse of materials in Aluminum Secondary Cast Houses.

Recycling aluminum consumes only 5% of the energy required for its extraction from raw materials. Foseco assists these secondary cast houses in producing high-quality aluminum from lower quality scrap. They achieve this through innovative metal cleaning solutions, like Flussum fluxes, this range is specially designed for being environment friendly, also helps generate lesser metal free dross and with increase yield, that not only enhance the quality of recycled aluminum but also result in substantial energy savings during the recycling process. Foseco's solutions are specifically designed to reduce aluminum losses in the dross in an eco-friendly manner, contributing to both energy conservation and waste minimization.

Furthermore, Foseco's innovations play a crucial role in extending the lifespan and efficiency of furnace linings, ultimately improving the productivity of secondary smelters. This not only enhances the sustainability of their processes but also supports the broader objective of reducing the environmental footprint of the foundry and casting industry.

5. What do you see as the key challenges and opportunities for the foundry industry in the coming years, and how is Foseco India preparing for them?

Of course, the foundry industry is poised to encounter both challenges and opportunities in the coming years, and Foseco India is proactively preparing to address them. Notably, there is a growing trend of stringent specifications

from original equipment manufacturers (OEMs), who are imposing increasingly rigorous requirements on foundry products. Meeting these demanding standards can be challenging, and Foseco India is responding by investing in research and development to innovate and manufacture products that not only meet but exceed these specifications.

Furthermore, the aspect of Sustainability and Emission Regulation presents another significant challenge, as the foundry industry faces mounting pressure to comply with stricter emission regulations. Foseco India is taking this challenge head-on by introducing eco-friendly materials and processes, aligning with a sustainable and environmentally responsible approach.

On the flip side, amidst globalization, new opportunities are emerging for foundries to export their products. Foseco India recognises this and is actively working to enable tighter process controls in foundries. We offer a range of innovative products, solutions, and equipment for process control, including SMARTT, which aids foundries in meeting international quality standards. The Mini HDU units are another example, enhancing the degassing and cleaning of aluminum alloys to meet the stringent requirements for global exports.

Figure 6 SMARTT

6. **Foseco India has a long history in the industry. How has the company managed to stay at the forefront of innovation over the years, and what are your plans for continued innovation in the future?**

Foseco India's enduring success and continued industry leadership can be attributed to a unique combination of factors that have shaped the company's approach to innovation. While it's crucial to respect and build upon its rich history, the company has consistently evolved to meet the dynamic demands of the foundry industry. Our sustained innovation is attributed to adaptability, substantial R&D investments, a strong focus on sustainability, customer-centricity, and a global perspective. The company continually adapts to stay ahead of the curve and address the industry's ever-changing needs.

Looking ahead, Foseco India's plans for ongoing innovation involve remaining steadfast to these core principles while embracing emerging technologies to meet the evolving demands of the foundry industry. By maintaining a strong focus on sustainability, we are well-positioned to stay at the forefront of innovation in the years to come.

HCL Plans to Increase Copper Ore Production Capacity to 12.2 MTPA by FY'29

हिंदुस्तान कॉपर लिमिटेड
(भारत सरकार का उद्यम)
राष्ट्र का ताम्र खनिक

Hindustan Copper Ltd (HCL) said it is implementing expansion projects to increase its mine production capacity from the current level to 12.2 million tonnes per annum (MTPA) by FY 2028-29.

HCL Chairman and Managing Director Ghanshyam Sharma at the AGM told shareholders that the company has access to around 55 per cent of the copper ore reserves and resources in India with an average grade of 0.96 per cent.

"In FY 2022-23, the copper ore production in India was around 3.35 million tonnes. HCL is implementing a plan to increase its mining capacity from its current level of ore production to 12.2 MTPA in Phase-I in the next 6 to 7 years," Sharma said.

He added that the company has achieved ore production of 33.47 lakh tonnes during FY 2022-23 as against 35.70 lakh tonnes produced in FY 2021-22.