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JX Advanced Metals Corporation
JX Metals Trading Co., Ltd.

Expansion of Production Capacity for Materials for Semiconductor Inspection Probe Cards

— Increasing Production Capacity for Rhodium Plating Solutions at the Takatsuki Plant of JX Metals Trading —

JX Advanced Metals Corporation (President: Yoichi Hayashi; hereinafter “JX Advanced Metals”) announces that its group company, JX Metals Trading Co., Ltd. (President: Atsushi Mutsunobu; hereinafter “JX Metals Trading”), has decided to invest in expanding the production capacity of rhodium plating solutions at its Takatsuki Plant. The company will increase its production capacity to more than double the level of fiscal year 2025 by fiscal year 2028.

Rhodium plating solutions possess excellent properties such as high corrosion resistance, wear resistance, reflectivity, and hardness. Recently, their adoption has been expanding as plating for ultra-fine probe pins used in probe cards, which are semiconductor inspection devices. Probe cards are essential equipment in semiconductor manufacturing processes for testing the electrical characteristics of circuits, and each card uses thousands to tens of thousands of microscopic probe pins at the contact points.

These probe pins require high conductivity and corrosion resistance, making rhodium plating, which excels in both characteristics, a suitable material. JX Metals Trading’s rhodium plating solutions hold a strong market position in this field. With the rapid increase in AI data centers, the need to test large volumes of semiconductors has grown significantly, driving a substantial rise in demand for such applications. In response, JX Metals Trading has decided to expand its production capacity for rhodium plating products in order to flexibly meet the growing demand.

The JX Advanced Metals Group offers a broad portfolio of advanced materials essential for the development of AI data centers, including its core products such as sputtering targets for semiconductors and indium phosphide substrates, as well as a wide range of related materials. Going forward, the Group will continue to respond flexibly to market growth and contribute to societal development and innovation through the stable supply of indispensable materials for advanced devices.