Enhancement of Facilities for the Pretreatment, Sampling, and Analysis of Recyclable Materials

Pan Pacific Copper Co., Ltd. (hereinafter “PPC”; head office: Otemachi 2-chome, Chiyoda-ku, Tokyo; president: Yoshimasa Adachi) is an integrated copper enterprise jointly established by JX Nippon Mining & Metals Corporation (hereinafter: JXNMM; head office: Otemachi 2-chome, Chiyoda-ku, Tokyo; president: Masanori Okada) and Mitsui Mining & Smelting Co., Ltd. (head office: Osaki 1-chome, Shinagawa-ku, Tokyo; president: Sadao Senda). PPC has decided to update the kiln for treating recyclable materials at its Saganoseki Smelter & Refinery. Moreover, to speed up the analysis of recyclable materials, it will introduce shredder-auto samplers and the latest analyzers, which can even detect rare earths. The investment is expected to total about 2 billion yen. Both projects are scheduled to be completed at the end of March 2012.

Commissioned by JXNMM, PPC treats recyclable materials collected from within Japan and overseas at its Saganoseki Smelter & Refinery. The goal of enhancing the facilities is to increase the volume of recyclable materials collected, including substrates and electronic parts recovered from used small home appliances, and the amount of valuable metals recovered. PPC is considering also recovering rare earths from recyclable materials.

At HMC (Hitachi Metal Recycling Complex) Department as well, the JXNMM Group recovers 16 types of valuable metals from various recyclable materials and supplies them as raw materials for electronic materials required in such industries as IT and automobiles. With this investment, JXNMM will be able to strengthen the foundations of the entire Group’s recycling and environmental services business as well as to ensure the stable acquisition of raw materials for the electronic materials business. In turn, JXNMM will be able to make a further contribution to the establishment of a resource recycling-oriented society.

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