

As of September 1989, Mitsui Mining and Smelting sales percentage shares by business sector were estimated as follows:

- zinc: 13 per cent;
- copper: 20 per cent;
- lead: 2 per cent;
- other ingots: 17 per cent;
- processed metal products: 27 per cent;
- chemical products: 11 per cent; and
- new materials: 10 per cent.

Ratio of exports to sales was 4 per cent.

Major shareholders include Japan Securities Clearing (14.3 per cent), Mitsui Trust (5 per cent) and Sumitomo Trust (4 per cent).

### **Nippon Mining Co., Ltd.**

Nippon Mining's two mainstays are the mining, smelting and fabrication of non-ferrous metal, and petroleum refining. The company is a leading member of the Kyodo Oil group and has been active in mining development in Japan and abroad since the prewar period. It is recognized for a 25 per cent worldwide market share in indium ingots with an emphasis on indium phosphate single crystals.

Nippon Mining recently completed a copper foil production plant in Hong Kong. The company is currently producing thulium metal at its Mikaichi plant. Future plans include petrochemical production.

For the fiscal year ended March 31, 1989, sales rose 1 per cent over the previous year to ¥718 127 million, while net profits totalled ¥9 100 million, up 92 per cent over the last year. Facilities investment for the same year totalled ¥16 159 million.

As of September 1989, Nippon Mining sales percentage shares by business sector were estimated as follows:

- petroleum refining: 58 per cent;
- copper: 15 per cent;
- metalworking products: 7 per cent;
- zinc: 4 per cent;
- gold: 7 per cent;
- silver: 1 per cent;
- new materials: 4 per cent; and
- others: 4 per cent.

Ratio of exports to sales was 8 per cent.

Major shareholders include Sumitomo Trust (4.8 per cent), Mitsubishi Trust (4.1 per cent), Industrial Bank of Japan (4 per cent) and Mitsui Trust, Tokkin Fund (4 per cent).

### **Santoku Metal Industries**

Santoku Metal Industries is currently producing misch metal, lighter flints, permanent magnet alloys, and oxides from rare earth chlorides in its Kobe plant.

### **Shin Nippon Kinzoku Kagaku Co., Ltd.**

This company produces fluorides, oxides, and glass polishing agents from rare earth compounds at its Kyoto plant and rare earth oxides and chlorides from bastnaesite at its Shizuoka plant.