

October 1, 2012

The Metals Output Plans in the 2nd Half of the fiscal year
ending March 31, 2013

The output plans in the 2nd half of the fiscal year ending March 31, 2013 are listed as below.

Period	October 2012 to March 2013 (Current Period)
Refined Copper	24,839 metric ton per month
Refined Lead	2,400 metric ton per month
Refined Zinc	880 metric ton per month
Refined Gold	3,000 kg per month
Refined Silver	31,833 kg per month

(Reference)

	April 2012 to September 2012 (previous 6 months plans)	October 2011 to March 2012 (results in the previous same period)
Refined Copper	27,758 metric ton per month	27,827 metric ton per month
Refined Lead	2,400 metric ton per month	2,525 metric ton per month
Refined Zinc	786 metric ton per month	864 metric ton per month
Refined Gold	2,950 kg per month	4,025 kg per month
Refined Silver	33,000 kg per month	35,134 kg per month

Notes for the comparison between the current plans and the results in the previous same period

- Refined copper production shall be decreased due to 30-days periodical maintenance shutdown (March to April in 2013) at Naoshima Smelter.
- The decrease in refined lead is due to the tightness in the recycled battery scrap market. Battery scrap is main source for the refined lead production.
- The decreased production of refined gold is due to lower gold content in the raw materials.
- The decreased production of refined silver is due to lower silver content in the raw materials.