

# **Processing Options for Secondary Resources of Refractory and Rare Earth Metals**

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## **Abstract**

Developments and advances in extraction processes for treating complex and lean ores in the primary metal processing scenario has significantly contributed to the availability of processes that can be used to recover metals from an increasingly wider range of metal bearing industrial wastes and other secondary resources. Such translation of techniques of materials processing particularly the extraction part of it in treating selected secondary resources in the refractory and rare earth metals field has become an active research area and an emerging industrial activity. The present status of process development in the field is covered in this paper with examples drawn from the process metallurgy of refractory and rare earth metals.