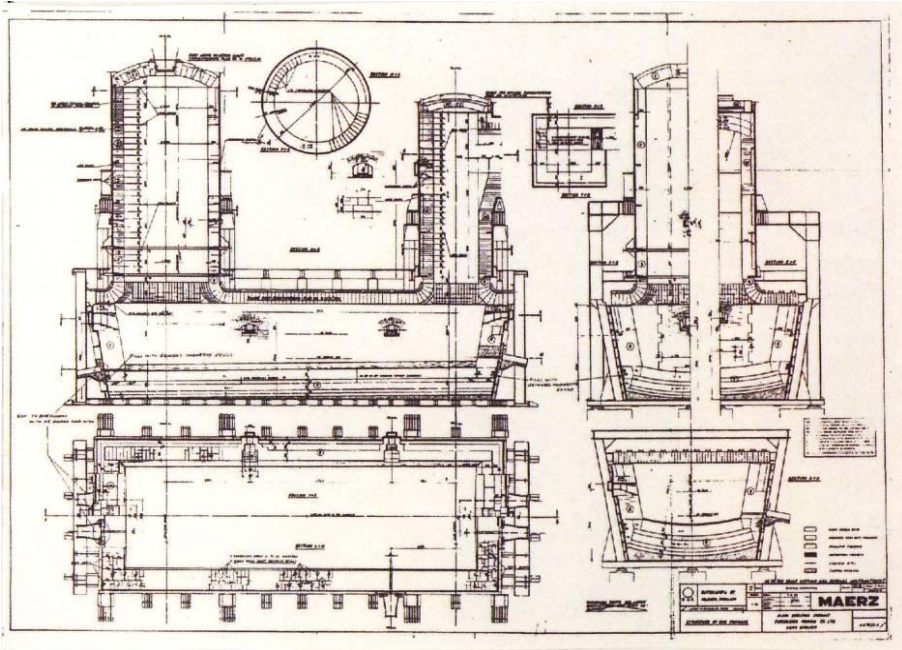


Breakthrough in Copper Smelting Technology

Registration No.	Number 00011		
Registration Date	October 9, 2008	Registration Category	Category 2

Name (Model, etc.)	Flash Smelting Furnace Drawing (42 Sheets)		
Location	Nikko-shi, Tochigi		
	Furukawa Co., Ltd. Ashio Office		
Owner (Custodian)	Furukawa Co., Ltd.		
Manufacturer (Company)	Outokumpu		
Year Manufactured	1955		
Reason For Selection	This is a set of flash smelting furnace drawings, depicting the current mainstream method of smelting copper. The drawings were obtained by Furukawa Mining Company from Outokumpu, the Finnish company that developed the furnace technology. Furukawa built the first flash smelting furnace in Japan based on the drawings, then transferred the technology to other leading companies to establish the flash smelting technology throughout Japan. This marked the beginning of new era in the history of copper smelting technology in Japan.		
Registration Standard	1-A (Show an important aspect or stage of the development of science and technology.)		

Open/Closed to Public	Closed to Public		
Photo			
Other useful information			