

"Tetsu-to-Hagané"

Vol. 58 No 5, Apr., 1972

Contents

"Special Issue on Combined Blast into Furnace"

Introduction

Recent Progress and Future Prospects in Blast Furnace Fuel Injection	Heiji IKEGAMI...559
--	---------------------

Lecture

Theory on Combined Blast.....	Mitsuru TATE...566
-------------------------------	--------------------

Technical Papers

Consideration of Oil Replacement Ratio and Large Amount of Oil Injection in Blast Furnace.....	Y. OTAKE and F. NAKAMURA...578
Investigations on the Phenomena in the Blast Furnace with Heavy Oil Injection.....	M. SHIMIZU, T. NAGAI, K. OKABE, M. KONDO, and T. INATANI...589
Oxygen Enrichment and Oil Injection in Blast Furnaces at Wakayama Steel Works.....	S. YAMAZAKI, F. NAKATANI, T. KANO, and M. NAKAGAWA...600
Reducing Gas Injection into Furnace Stack in an Experimental Furnace	T. MIYASHITA, H. NISHIO, T. SIMOTSUMA, T. YAMADA, and M. OHOTSUKI...608
Injection of Reducing Gas Into Blast Furnace (FTG Process)	T. YATUZUKA, K. NAKAYAMA, K. OHMORI, Y. HARA, and M. IGUCHI...624
On the Highly Oxygen-Enriched Blast Furnace Operation Utilizing Top Gas for Ammonia Synthesis.....	T. OKAMOTO, Y. TADA, and T. SUGIURA...637

Technical Report

High Blast Temperature Operation of Blast Furnace at Kakogawa Works, Kobe Steel LTD	O. SAEKI, S. TAMURA, T. UENAKA, Y. OOTA, and K. TANAKA...651
--	--

Abstracts.....	660, Library News.....	667, Notices to Members.....	N81,
Proceedings of the Institute.....			N88

Overseas membership: Annual charges: \$ 10.00 (incl. postage) Initiation fee: \$1.00