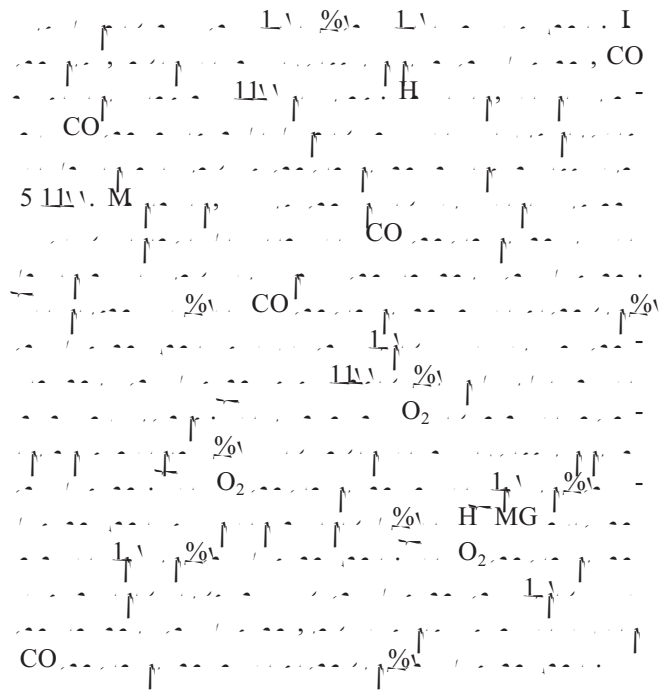
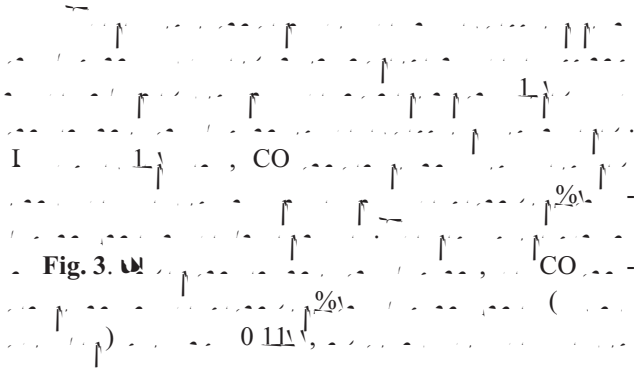


3.1.2 Combustion behavior in boiler



3.2 Ash Treatment

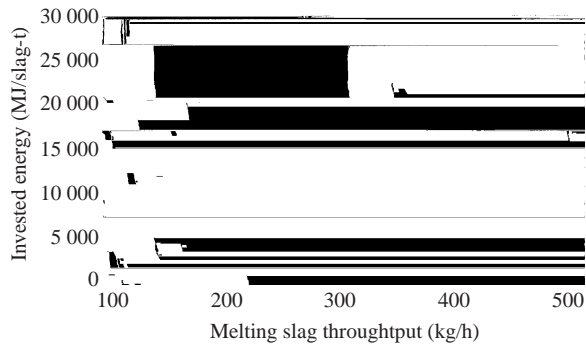


Fig.4 Relationship between slag throughput and invested energy

(M
A0017)
P C L

3.2.2 Invested energy in ash treatment

Fig. 4.
(420 /),
8 000 MJ/

3.3 Dioxin Emissions

H⁻MG

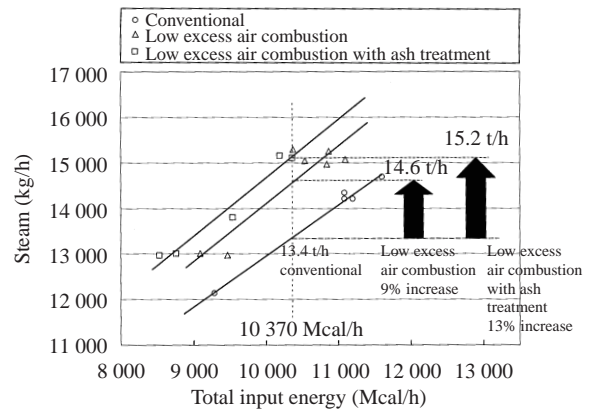
Table 4.

ACC	0.78	70%
A	1.5	11%
I	0.01	11%
I	0.09	11%

3.4 Heat Recovery

A

Fig. 5



Note: Heat value of kerosene for manufacturing the high-temperature mixed gas is included, but that of kerosene for ash treatment is not included.

Fig.5 Relationship between total energy input and steam recovery

Table 4 Dioxin emissions

F		0.17	2E / N ³
F	20 300 N ³ /	0.000 15	2E / N ³
F %	34.2 /	0.18	2E /
F % (D)	(34.2 /)	(0.01	2E /)
M	281.6 /	N.D.	0. 2E /
	39 /	0.000 5	2E /
(A			6 179. 2E /
			(365. 2E /)
		A	1.45 μ 2E /
	4.27 /	(A	(0.09 μ 2E /)

C₁ (1), C₂ (9%), C₃ (13%), C₄ (1400 × 10³ MJ), C₅ (40%)

3.5 Economic Estimation

H₂ MG L₁ H₂ L₂

Table 5.

JFE
E
C
2003. I
JEF E
21

N
D
N
L

References

- 1) M. ALLY
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2001, L 53 68.
- 2) N. M. JFE H₂O 21
JFE L 3, 2004, L 6 14.
- 3)