

Outline of Chiba Works' Modernization

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:

1991 95

Cr

1 2

Synopsis :

Kawasaki Steel decided modernization of Chiba Works after studies of Chiba future vision. Main production processes will be assembled in west plant in a long term, but the modernization of upstream process was realized in the first place. Construction of a new steelmaking shop was started in 1991 and the new hot strip mill operation initiated in 1995. In these plants, the most advanced techniques, such as smelting reduction of Cr-ore in steelmaking and the endless rolling in hot Strip mill, were developed and applied. And for determination of the layout of the works, all of the probabilities concerning areal space, distant view, environmental influence, coexistence with neighboring cities, logistics and forecast of new production processes were considered.

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要旨

千葉製鉄所の将来ビジョン検討の結果、主力生産設備を東工場か

as a core steel business operation unit

の主たる製造設備は、第5高炉、コークス炉、第1製鋼工場、第1 (2) 熱延工場の方向と位置をいかにするか。将来の西工場での冷

の約半数といったところであり、一方すでに休止した設備は、第2

工場配置の最善案はどれか。

(2) 高炉・コークス炉の発生量の低減 検討は、クリルを主成分とする。

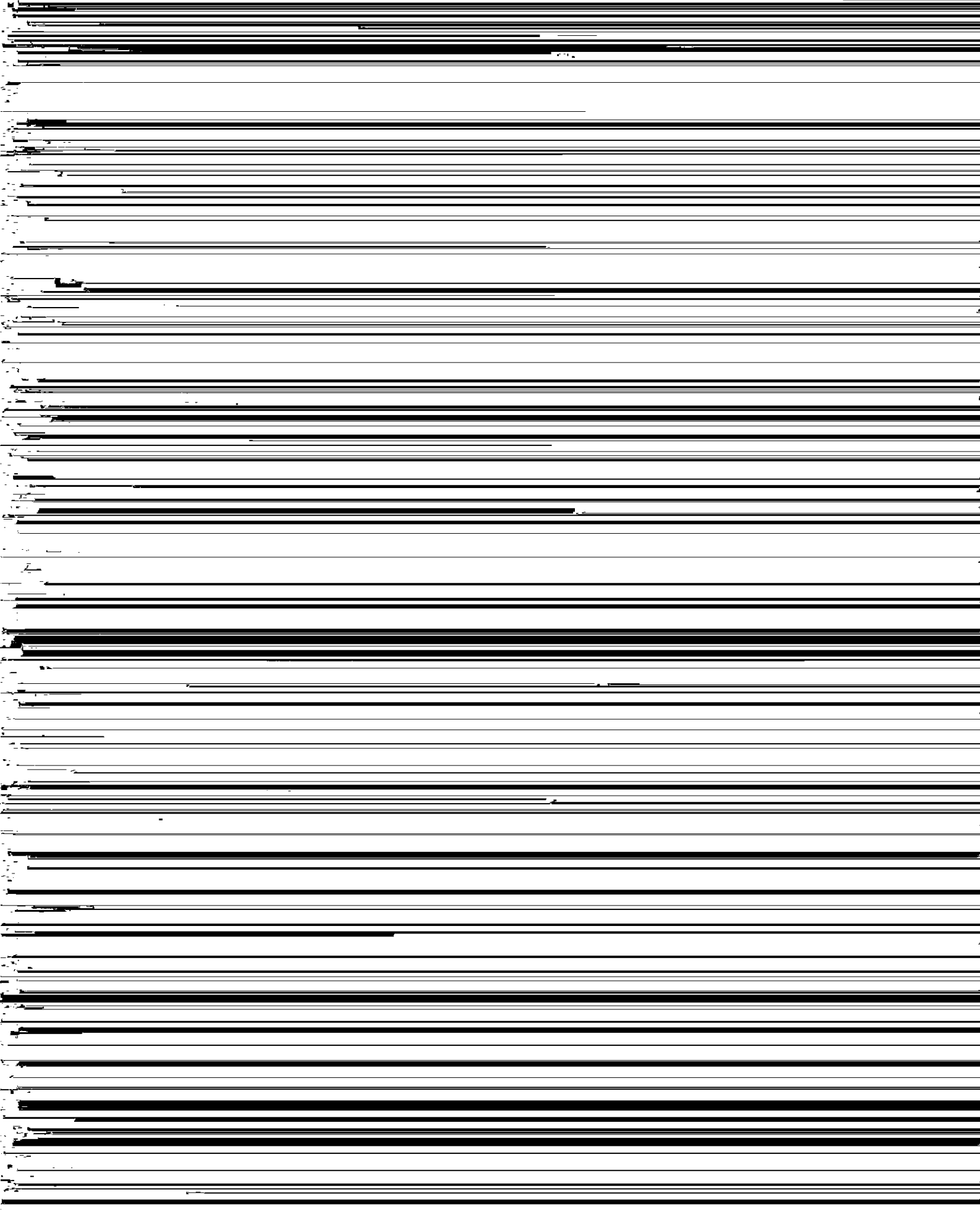
(a) View from north side



(b) View from east side







	1991	1992	1993	1994	1995	1996
Construction start ▽ No. 4 Steel Making				94/5 4CC start	94/7 4BOF start	
		Piling start ▽				

94/1 Pickling start
Piling start ↓ 95/5 Skidpass start