KAWASAKI STEEL GIHO Vol.16 (1984) No.3

Outline of the Advanced Total Information System on Cold Rolling at Mizushima Works

(Asaharu	Kibata)	(Syuichi	Hirasaki)	(Kozo
Hatakeyama)	(Hiroaki Ueno)		(Shigeo Asagoshi)	
(Kazuhiro Hirohata)				
:				
	1984 1			
(1)	(2) P	r/C		
			(3)	
(4)	(5)			

Synopsis:

We refreshed total information system on cold rolling at Mizushima Works in Jan. 1984. This system is aimed at; (1) Development of a system to control planning of production. (2) Automatical gathering of data by process computer and sensors at all processes in cold rolling work, and construction of data base to manage and analyze quality and operation. (3) Realizing of an optimum lot of products. (4) Adoption of the information system in the Japanese language. (5) Realization of large-scale computer networks by a new system technique, and so on. This system runs smoothly, and has brought much benefit in shortening the payment term, improvement in quality and productivity, cost saving, and so on, by upgrading the product control level, concreting of quality assurance system, smoothing of material handling, realizing of optimum lot of products, efficient work, and so on, in the manufacture of products with small lots and great varieties and higher quality products.

(c)JFE Steel Corporation, 2003

水島製鉄所新冷延総合生産管理システムの概要**

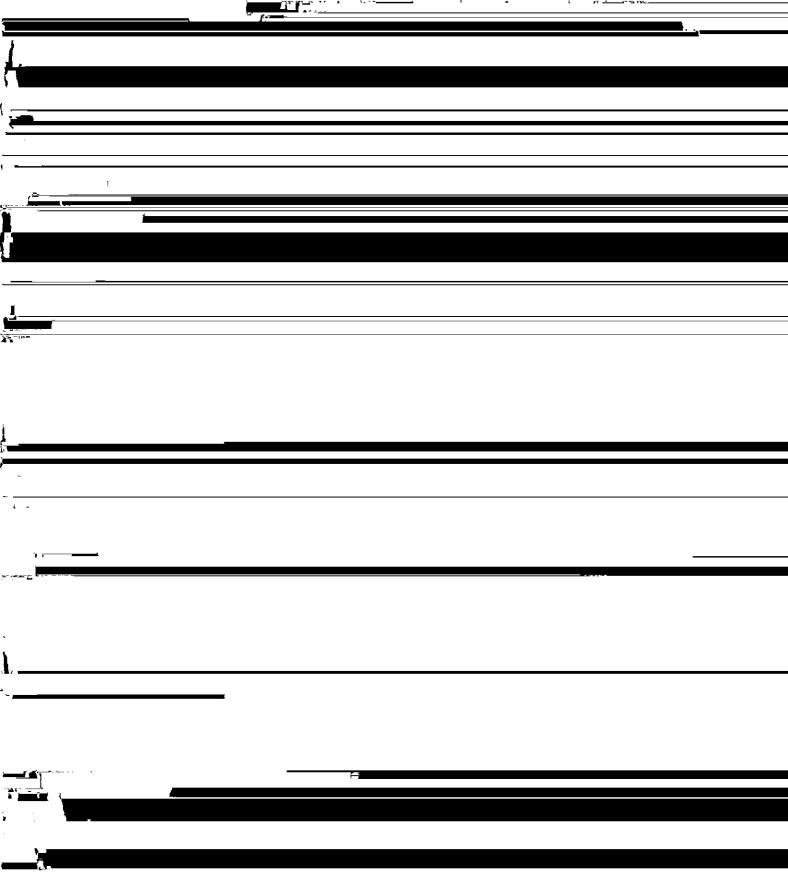
川崎製鉄技報 16 (1984) 3, 165-172

	<u>木畑</u> 朝晴* ² 平崎 修一* ³ 鳥山 広诰* ⁴ 上野 宏昭* ⁵ 浅裁 茂雄* ⁶ 広畑 和宏* ⁷
	<u>.</u>
,	
	Augusta Augusta Maria e de la
	Augi ten Air Cor. Munite it on a
1	
İ	
*	
•	
<u> </u>	i
<u>'</u>	
<u> </u>	
	on Cold Rolling at Mizushima Works
T ATELIA	
ਇਆਲਾਵਾਂ ਦਵਾਂ	
Ţ- I	
{ ₹₩	
14)	
1.	
f	
Ì	
<u> </u>	
	·

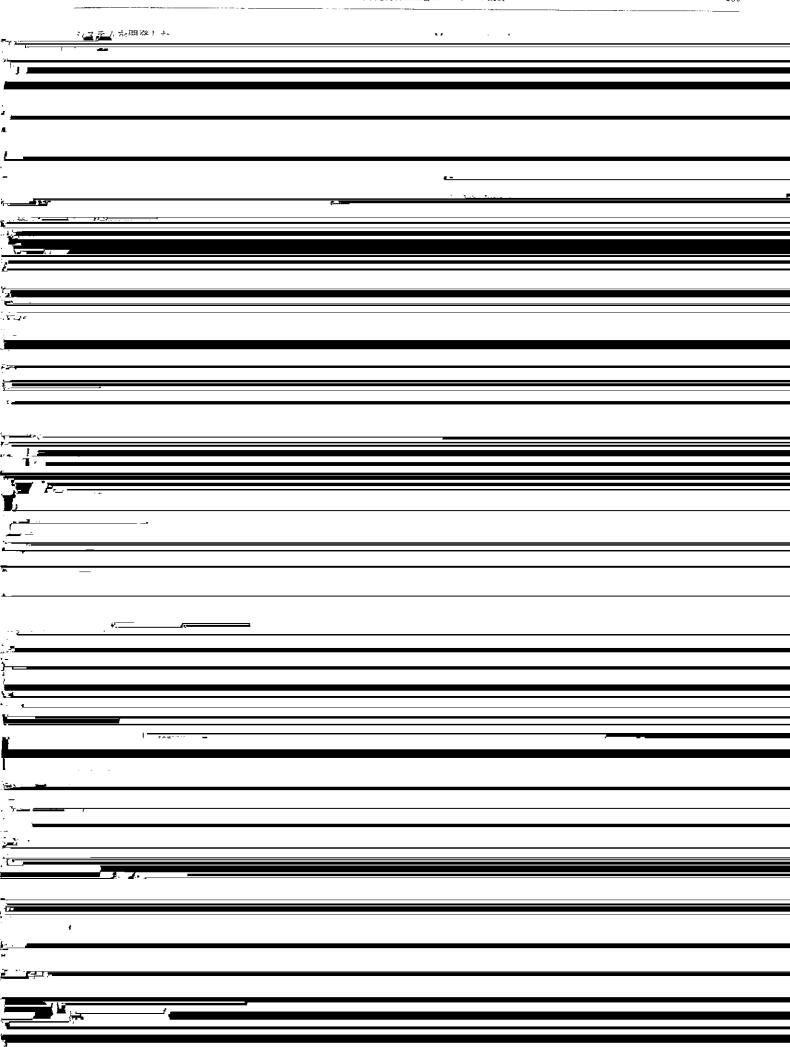
_	・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	A di atribiti suca	
<u>-</u>			
f.			
<u>, </u>			
- '			
175			_
, .			
8 ·			
- 			
•			
	向上,操業の安定化を図るとともに,業務の効率化と相まって, スタッフ業務を新技術・新製品開発等に向ける。	4 ハードウェア構成とコンピュータ機能分担	
	(3) 物流の円滑化と製造ロットの最適化	4.」 ハードウェフ達成	
	galante de la la la companya de la c		
-			
·			
. =	7		
·			
· (
, r 1 F			
%			
· . 4			
6.	**************************************	-	
	A		
· L	· "It-" ————————————————————————————————————		
F			
	,		
· -	7		
	-		
,			
· —			
-			

Table 1 System configuration of hardware and software

System	Item	Quantity	Note
Center computer system	Hardware		
	FACOM M-380	2	Central common machine
	Or The Williams	l .	7 - C2 W



System	Item	Quantity	Note
Tandem mill system	Hardware		
	HIDIC V90/50	1	5 MB
	CRT & Keyboard	5	
	Typewriter	2	
	Optical data highway system	3.0 km	
	FEP HIDIC 08L	8	5 : TA
			2 : Pickling
			1 : Cleaning
	Software		
	TA	50 k steps	
	Data logger	25 k steps	
Continuous annealing system	Hardware		,
•	HIDIC V90/50	2	5 MB SPARE 1
	CRT & Keyboard	5	
	Typewriter	2	



170

iā.

