

Meet Higher Quality Requirements*



Synopsis:

To meet the growing severe requirements noticeable

(SFR) and direct hot-charge rolling (DHCR) on the No.

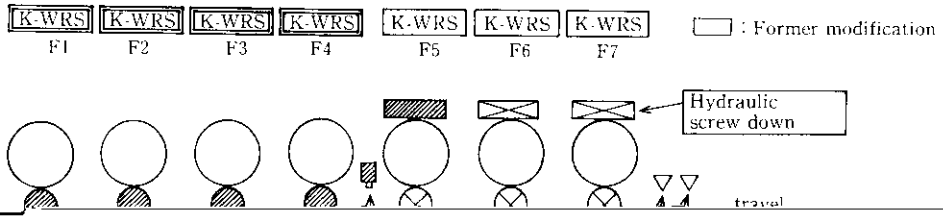


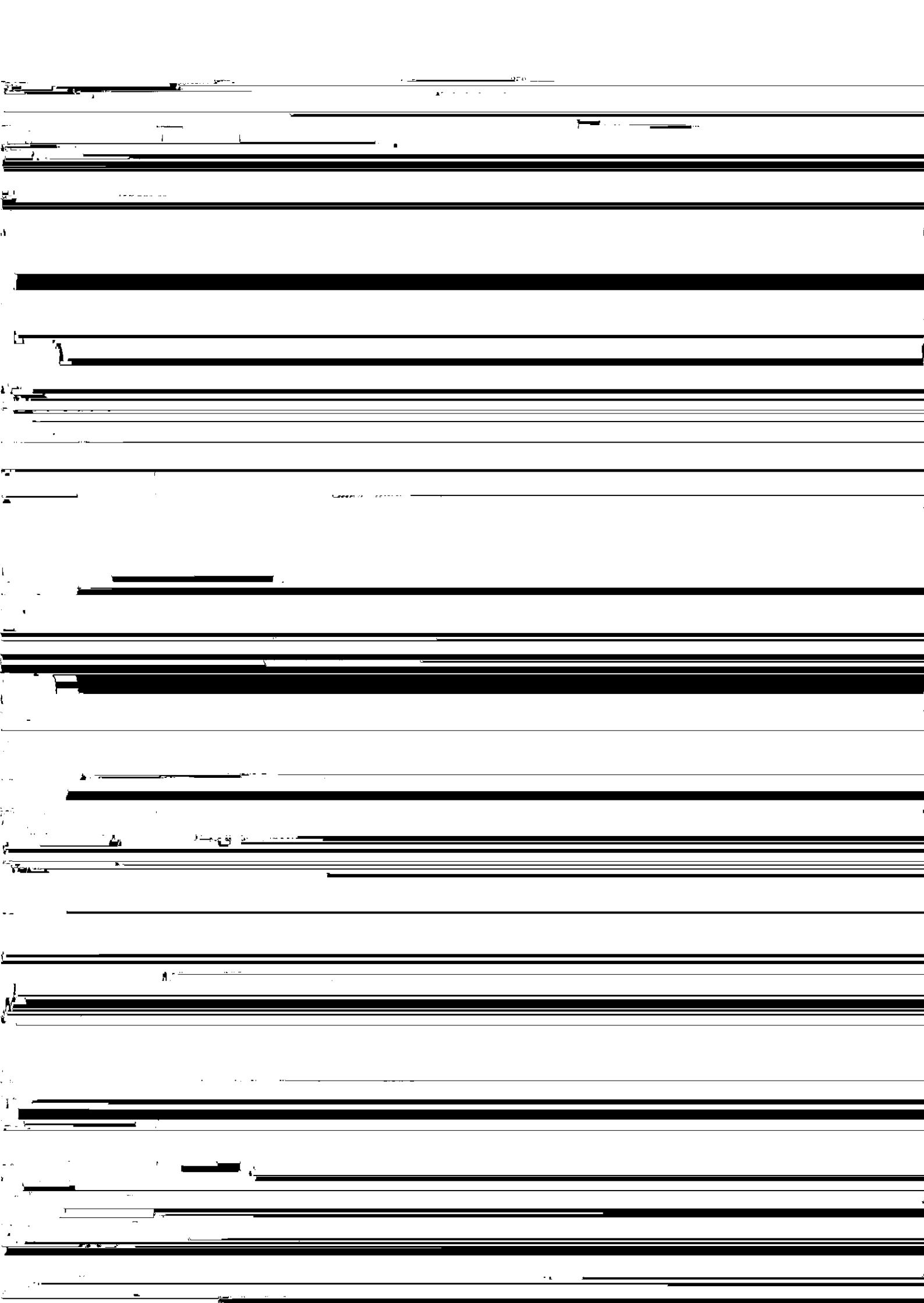
Table 3 Specifications of hydraulic AGC

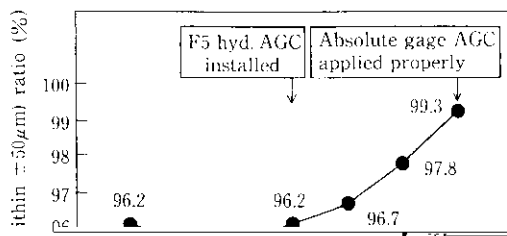
Taper adjusting

F 5

F 6-7



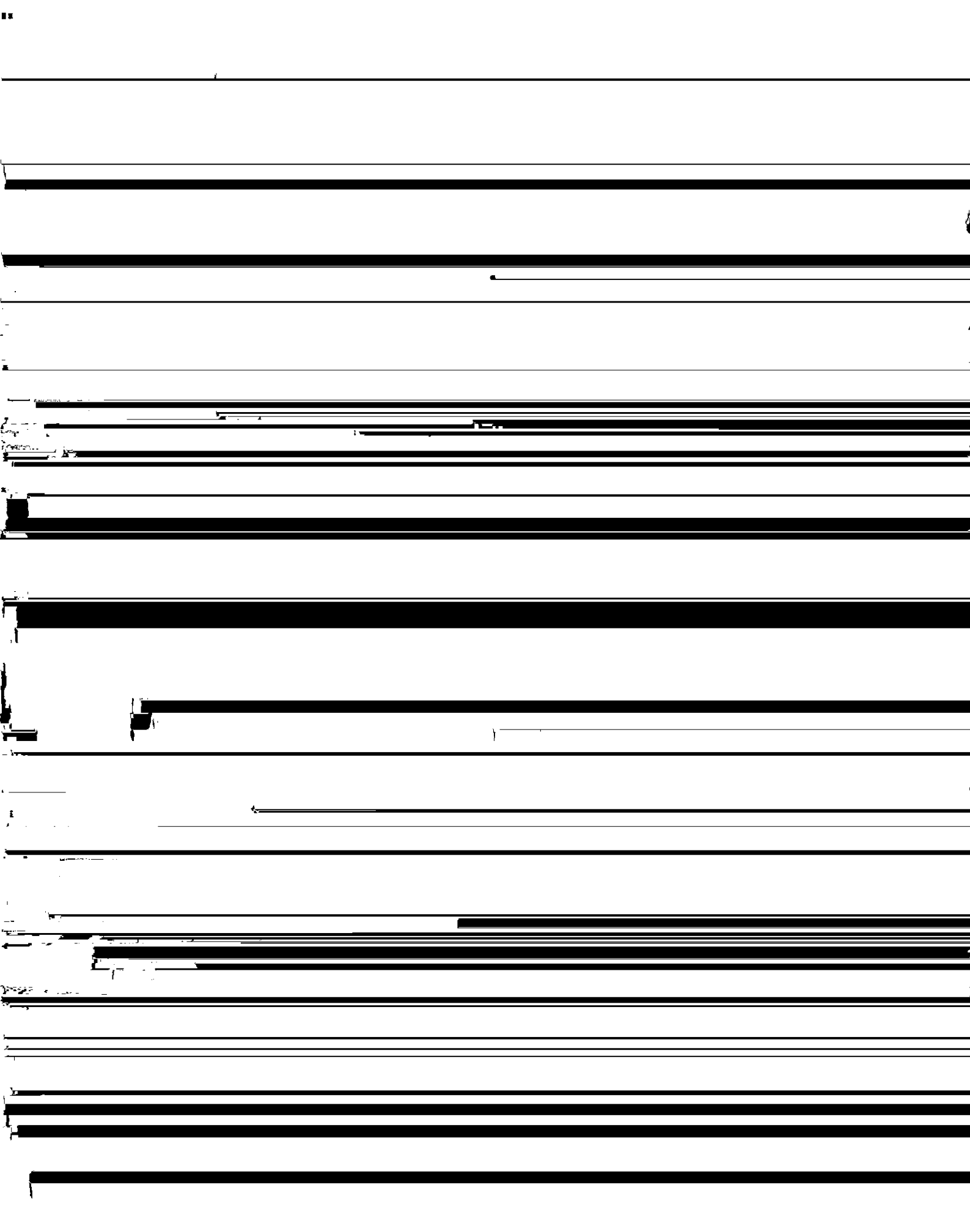


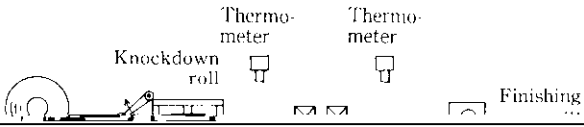


roll surfaces, thickness and width relationships, and the initial curvature of the rolls, while maintaining a high-level of integrated process quality assurance. In addition Kawasaki Steel has established schedule-free rolling techniques that can be used for DHCR.^{7,8)}

At Chiba Works, the distance between the No. 3 Continuous Caster that mainly produces ordinary steel slabs for the hot strip mills and the No. 2 Hot Strip Mill

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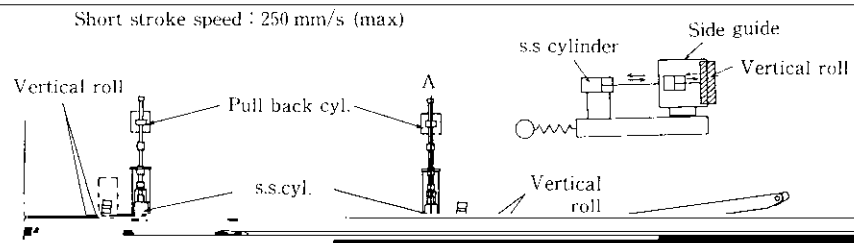




Edge heater	Edge of width	25mm from edge	100mm from edge

Opening : 610~2230 mm
Short stroke distance : 65 mm/each side (max)

Cross section of A-A



ing of the coil between the top of the strip (the innermost turn) and the bottom (the outermost turn) is

manufacturing hot strip products with thickness accuracy capable of thoroughly meeting severe quality re-

to bad coiling shape has been reduced to less than 1/3 of the level before this modification

mechanical properties and excellent coiling shape. The authors intend to continue developing these

techniques to achieve even higher levels of quality in the production of each grade of steel strip. They also