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Rapid Determination Systems for Ultra Trace Amounts of Carbon in Steel by High -Frequency Combustion Method

6 • ¾(Masaru Mitsuo) w2! G ¾(Masayuki Aruga) `¼%¼ • M (Souichi Koishi)

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• G \-@equendy Combustio) X methoŹ has been applic le  
amount of carbon on steelmaking process. Contamin  
samples was removed quickly by combustion in the  
designed automatic equipment for sample preparatio

高周波燃焼-赤外線吸収法による鋼中  
極微量炭素迅速定量法\*

川崎製鉄技報  
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Rapid Determination Systems for Ultra Trace Amounts of  
Carbon in Steel by High-Frequency Combustion Method

要旨

極微量炭素分析に高周波燃焼-赤外線吸収法を適用し、極低炭素



(a)With cold crucible

(b)With hot crucible

Table 2 Comparison of analytical results of carbon between proposed method and electro polishing method

The table content is completely obscured by heavy horizontal black bars, rendering the data unreadable.

