Abridged version

KAWASAKI STEEL TECHNICAL REPORT

No.46 (JUNE 2002)
"Environment-friendly Steel Products" and
"Environment Preservation Technology"

Development of Environment-Friend ly Steel Products at Kawasaki Steel

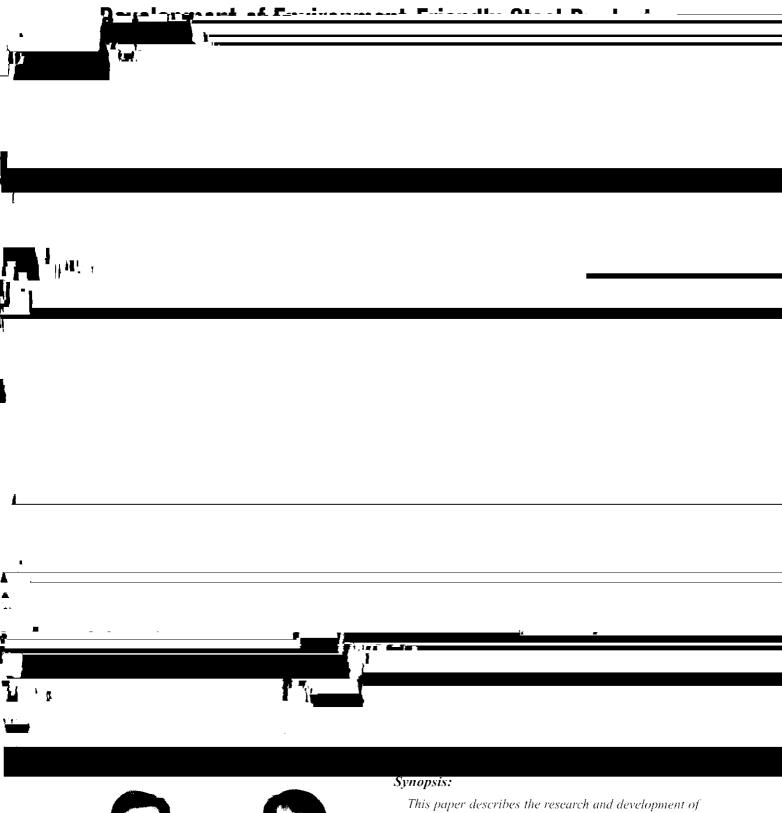
Takashi Obara, Takako Yamashita

Synopsis:

This paper describes the re search and development environmentally harmonized steel products. Dealing with environmental problems is one of the biggest issues facing corporate businesses in the 21st century. Ka wasaki Steel has vigorously been promoting both (1) energy cons ervation and (2) recycling of resources, through its steel production processes. In recent years, Kawasaki Steel has been engaged in developing steel products effective to the following three environmental issues; (1) energy conservation and reduction of CO₂ emissions, (2) recycling and reduction of wastes, and (3) environmental protection.

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The body can be viewed from the next page.

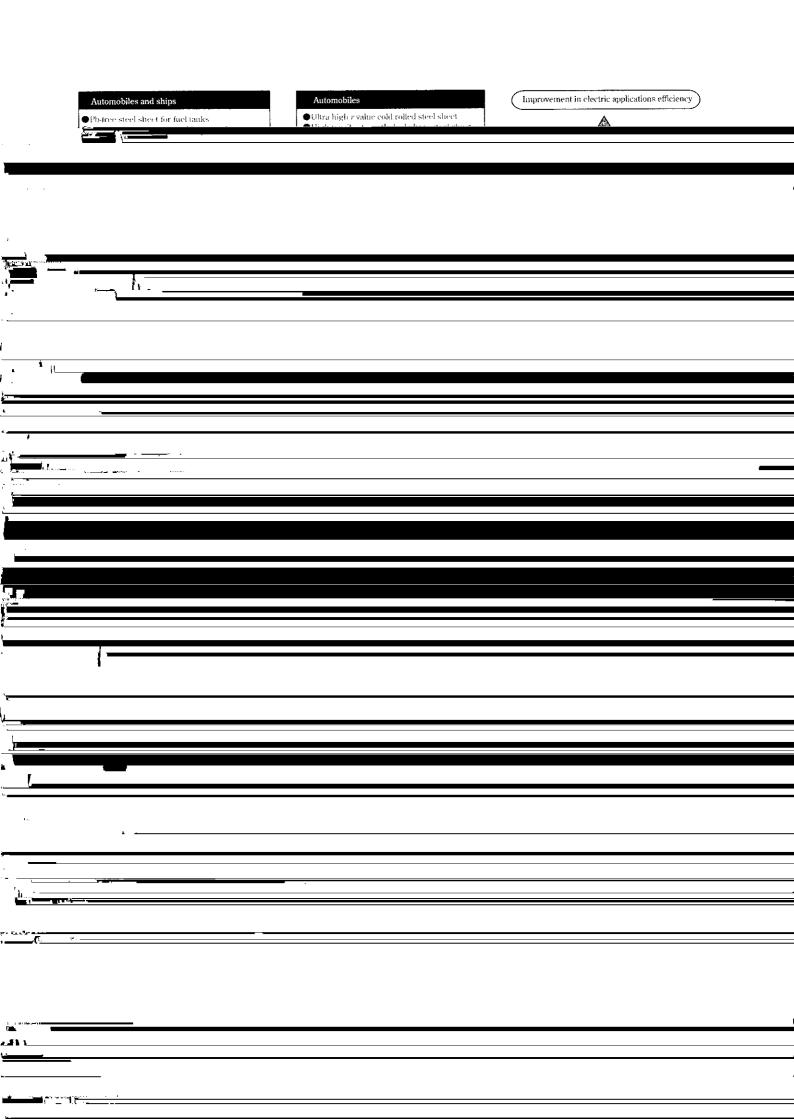








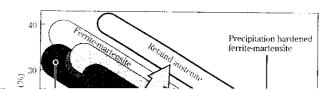
This paper describes the research and development of environmentally harmonized steel products. Dealing with environmental problems is one of the biggest issues facing corporate businesses in the 21st century. Kawasaki Steel has vigorously been promoting both (1) energy conservation and (2) recycling of resources, through its steel production processes. In recent years.

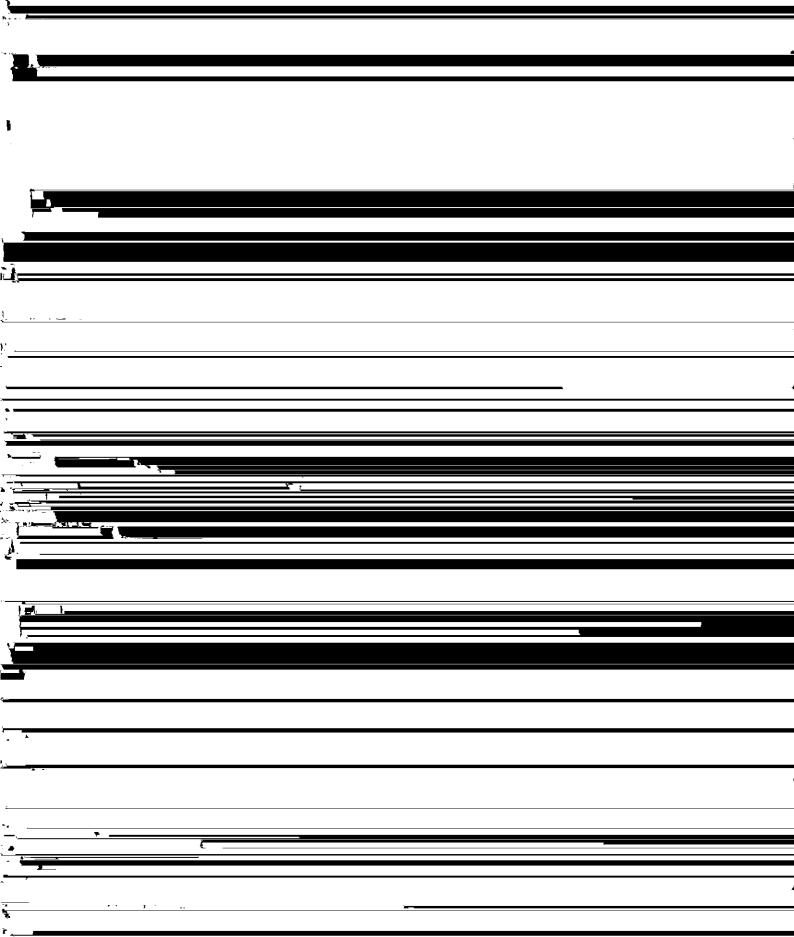


the Japan Society of Metal Science in the last five years are listed below.

(1) Year 2000

"Development of the concept of new steel manufacturing process (TPCP) by integration of uniform







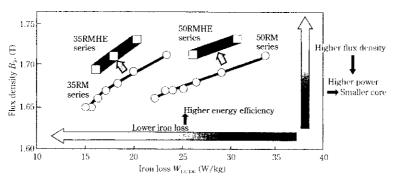


Fig. 6 Iron loss at 1.0 T, 400 Hz and flux density at 5 000 A/m of RM and RMHE series

