KAWASAKI STEEL TECHNICAL REPORT

No.29 (November 1993) Special Issue on Iron Power

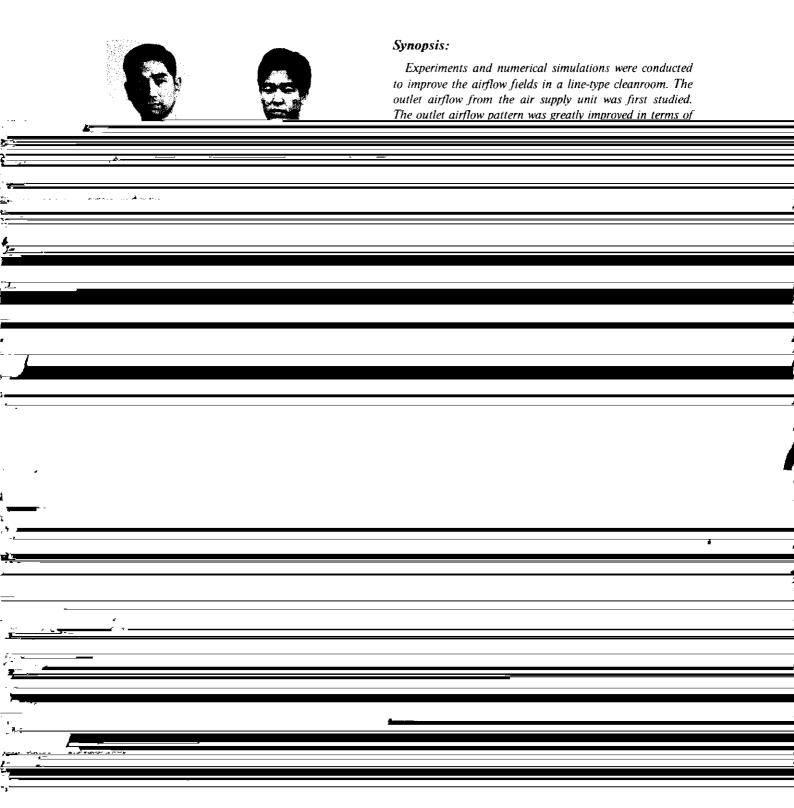
Airflow Fields in Line-Type Cleanroom

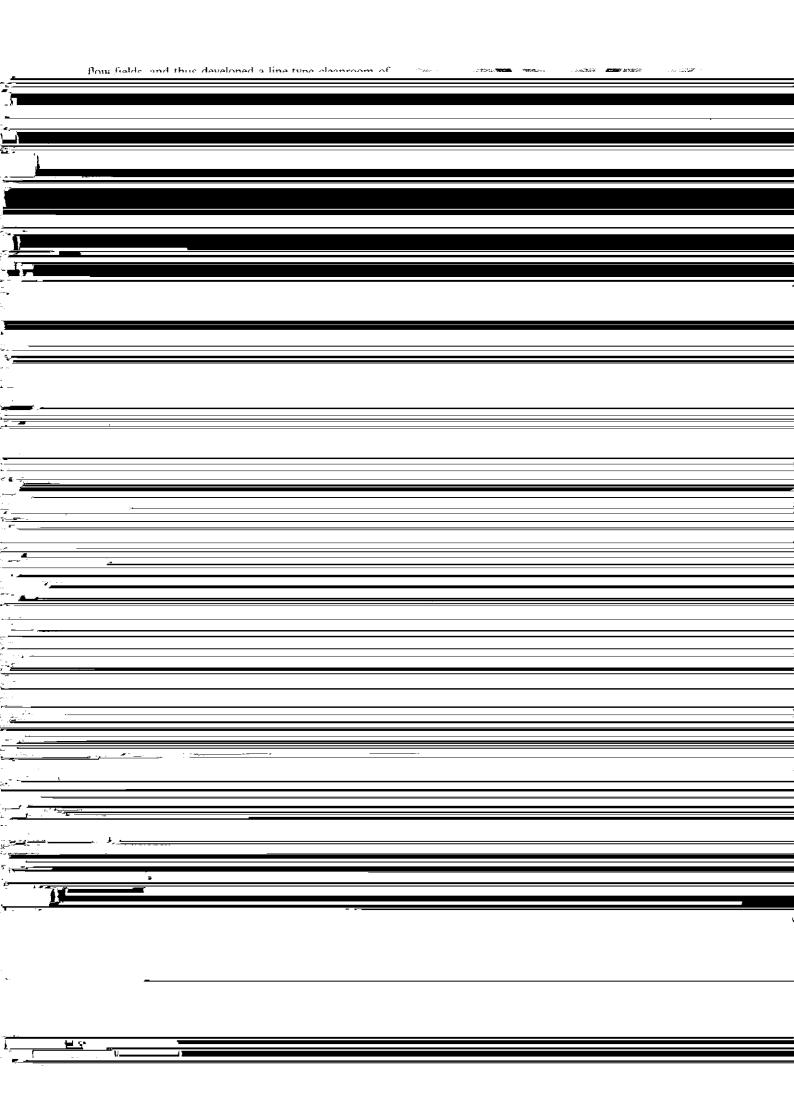
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Synopsis:

Experiments and numerical simulations were conducted to improve the airflow fields in a line-type cleanroom. The outlet airflow from the air supply unit was first studied. The outlet airflow pattern was greatly improved in terms of uniformity by fitting flow

Airflow Fields in Line-Type Cleanroom*





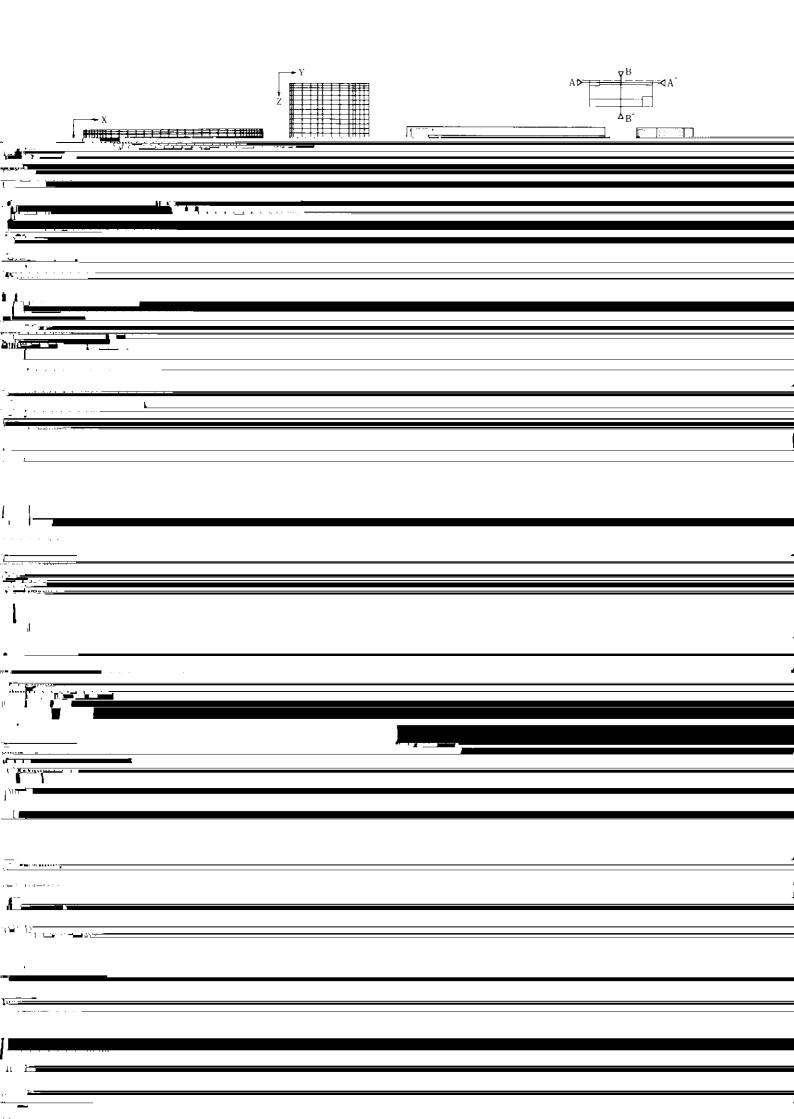


4.1 Experiment

4.1.1 Experimental method

As the first sten, the line-type cleanroom shown in

those of the unidirectional flow cleanroom. While the airflow pattern shows an effect of the airflow velocity component in the longitudinal direction of the duct, which is blown out of the supply unit the airflow pat-



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