

Environmental Analysis in Kawasaki Steel

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Synopsis :

Analytical techniques have been established for monitoring pollutant substances in waste water discharged and gaseous exhausts emitted from the manufacturing facilities of Kawasaki Steel. This activity is a part of our efforts to accord with the environmental quality standards. Some of the official methods of analysis have been modified for higher sensitivity and for avoiding interference arising from coexistent compounds in real samples. A technique of analyzing dioxins has been established. By utilizing the above-mentioned techniques, environmental analyses necessary at Kawasaki Steel's group companies have been conducted and further, various kinds of analyses entrusted from outside the company group have been dealt with also.

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要旨

川崎製鉄グループでは、大気・排ガス・水質を主な対象として、環境基準に定められた項目を測定するための分析技術を蓄積してきた。特に、排ガスの排出削減のための分析技術の開発に力を入れている。

Table 3 Analytical methods for volatile organic compounds in waste water and aquatic environment, specified in environmental quality standard and effluent limitation value

は焼結機、電気炉および産業廃棄物焼却炉である。これらの設備のダイオキシン類発生抑制対策を進める過程で、対策を評価するため

Compounds	Analytical methods
	ベンゾダイオキシン、ポリ塩化ジベンゾフラン、およびコプラナーPCDFの分析技術が確立し、排出量の把握および排出削減が