



## Outline of Analysis and Testing in Kawasaki Steel

要旨

Table 1 Main items of analysis and testing services in KTEC

Items	Contents
Analysis	Analysis of ferrous metals, non-ferrous metals, etc.

Table 2 Main equipments for analysis and testing used in KTEC

Items	Equipments for analysis and testing
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川鉄テクノリサーチにおける分析・試験の概要

を行うよう心がけている。

なお、試料をそのままの形あるいは機械的方法による成型に上

KTEC

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Table 5 Outline of material testing and nondestructive inspection services in KTEC

Heat conducting pipes

Test Item	Test Method	Notes
Material testing	Chemical analysis, metallography, mechanical properties, physical properties, thermal properties, electrical properties, magnetic properties, optical properties, etc.	
Nondestructive inspection	Ultrasonic testing, X-ray testing, penetrant testing, magnetic particle testing, eddy current testing, liquid testing, ultraviolet testing, etc.	
Heat conducting pipes	Ultrasonic testing, X-ray testing, penetrant testing, magnetic particle testing, eddy current testing, liquid testing, ultraviolet testing, etc.	
Others	Fracture toughness testing, fatigue testing, impact testing, torsion testing, bending testing, tensile testing, etc.	

（資料）川鉄テクノリサーチにおける分析・試験の概要