

# KAWASAKI STEEL TECHNICAL REPORT

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*Advances in Iron and Steel Technologies,  
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## Recent Activities in Research of Welding

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### Synopsis :

The trends of the welding technologies and research developments in recent 10 years are outlined by including changes in social conditions and requirements of the market. Welding materials and a process were developed for high efficiency and high quality welding, e.g., a low spattering solid wire for

# Recent Activities in Research of Welding\*

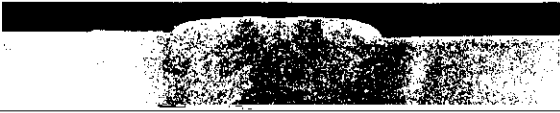


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CO<sub>2</sub> arc welding  
Welding wire: YGW-11 (1.2 φ)

Responding to the need to reduce spattering for a further improvement of quality also in MAG welding, we



### 3 Closing Remarks

Major studies on welding in these ten years made by

Preprints of the National Meeting of the Jpn. Welding Soc.,  
47(1990), 154

7) R. Ikeda, K. Yasuda, T. Yamaguchi, and C. Shiga: "Resistance  
Spot Welding of Galvannealed Steel Sheets (Report 1)"