

# New Weathering Steels of Extremely-Low Carbon Bainitic Type



## *Synopsis:*

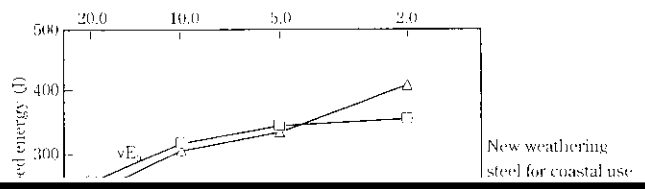
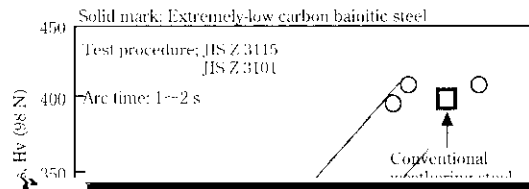
*An extremely-low carbon bainitic steel with a C content of approximately 0.02 mass% has been successfully*

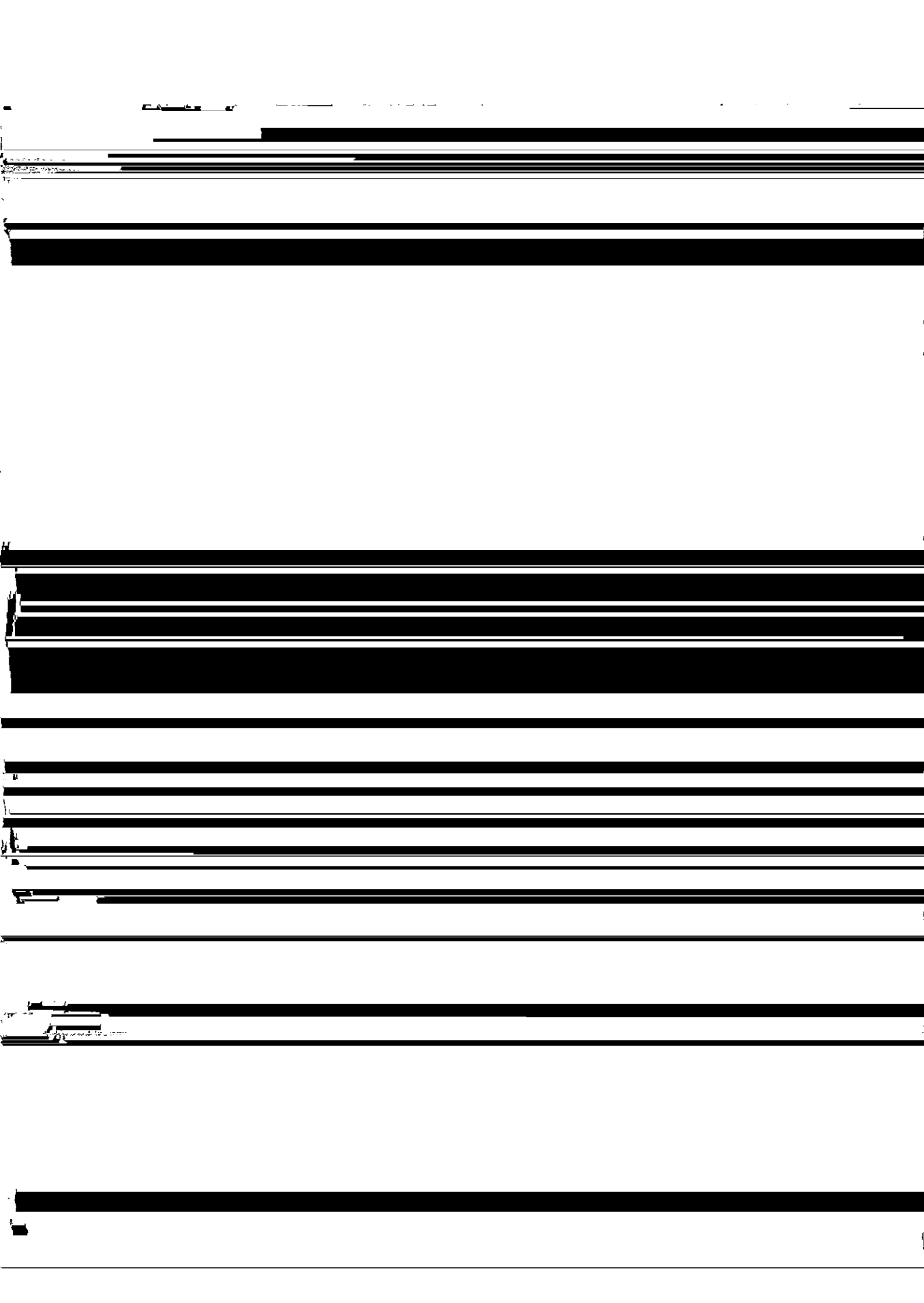


Table 1. Compositions of iron casts for 0.02C-2.7Ni steel and conventional weathering steel

	(mass%)				
	C	Ni	Mn	P	S
0.02C-2.7Ni steel	14.4	2.4	15.6	0.6	67.0
Conventional weathering steel	14.5	2.7	26.1	0.9	55.8

the rust-metal interface. Accordingly, the 0.02C-2.7Ni





input welding up to 20 kJ/mm can be applied.

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