
制御冷却による船体構造用 YP 36 kgf/mm² 級

高張力鋼板の材料試験*1

川崎製鉄技報

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Properties of YP 36 kgf/mm² Class Hull Structural Steel

Plates Produced by Accelerated Control Cooling

Table 1 Chemical composition of YP 36 kgf/mm² steels used

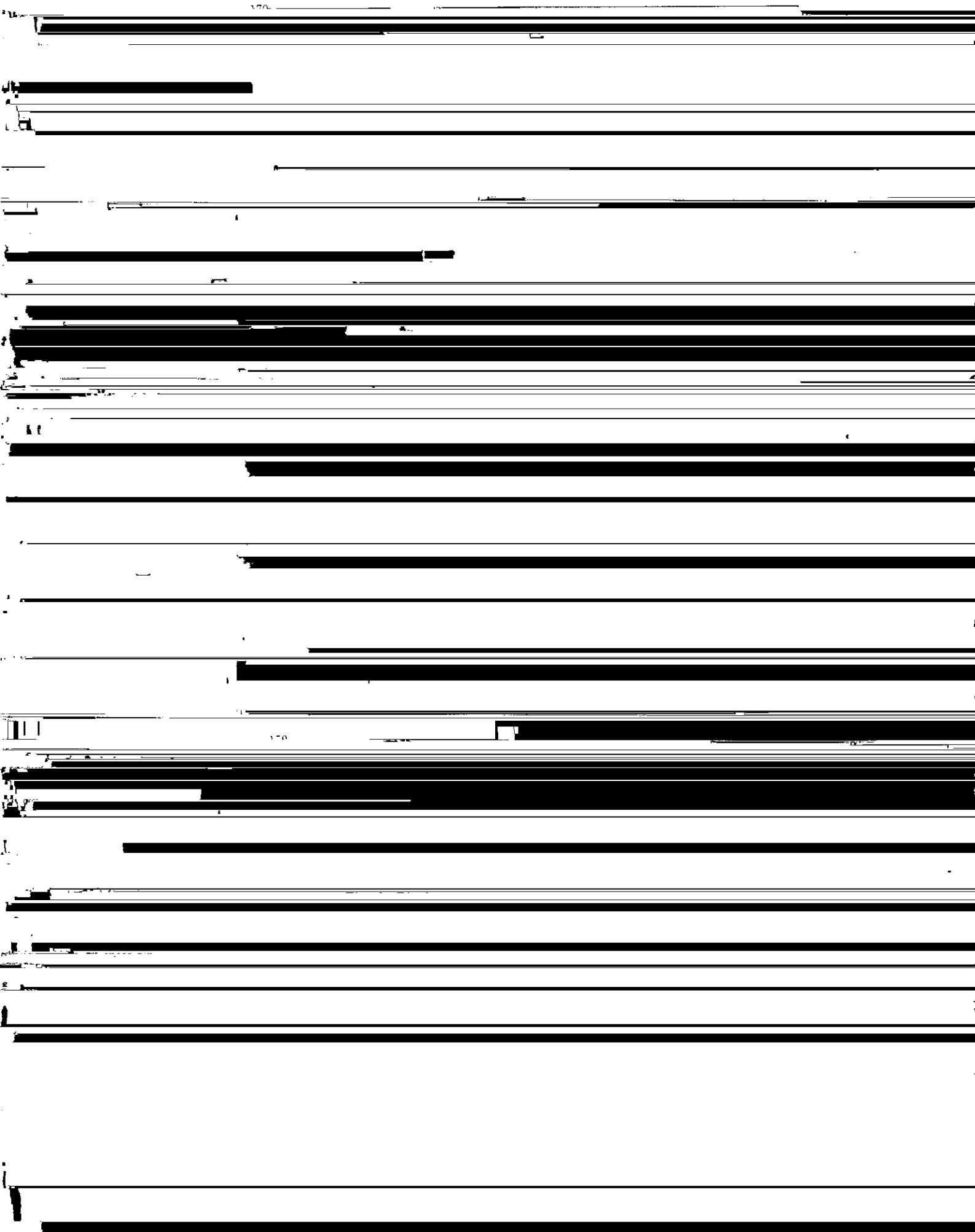


Table 3 Fracture toughness of base metal

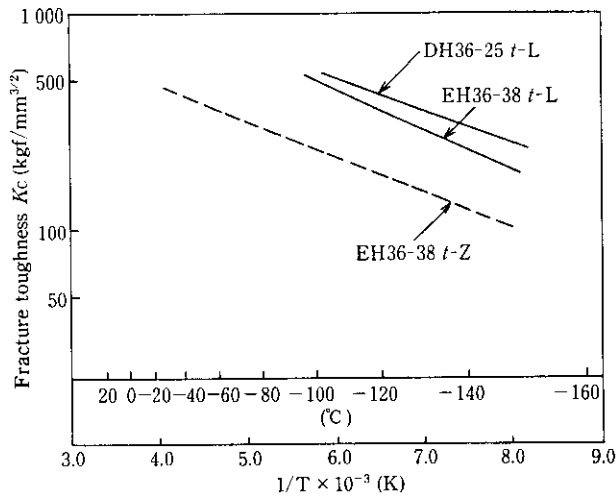
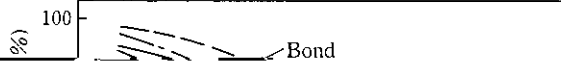
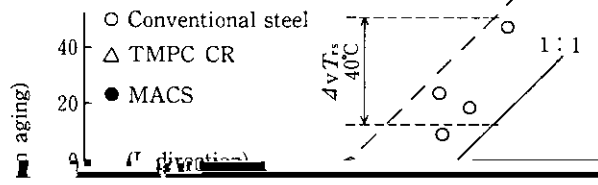
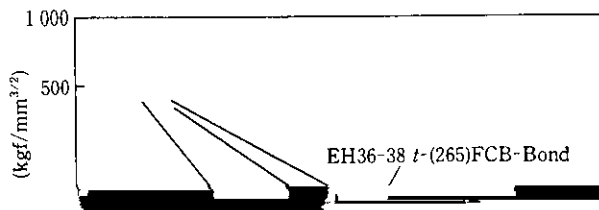


Table 4 Welding conditions

Welding method	Steel	Groove Design	Pass No.	H. I. (kJ/cm)
EGW	A-1 AH36		1	165
CESW	A-2 AH36		1	637
SAW	B-2 DH-36		1	139



Test temp.	Mark	Steel	Grade
0°C	-----	Conventional steel	DH



T (°C)	900 AC -500 WC	900 WC
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Table 6 Output of hull structural steel plate produced by MACS-ACC from Aug. '83 to Mar. '84