

KAWAKI TECHNICAL

89 (1998)

ES

High Performance
K15

1998

5

K15

1998

"R" 1961, 1998

1998

1998

1998

RH" (0.23 m0.20 m)

1998

1981. K15

RH P" 1998

GH D" 1998

1998

1998

1998

1998

1998

1998

(JFE) 2003

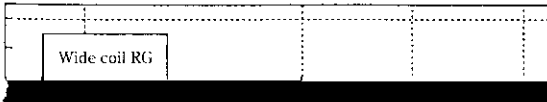
History and Recent Development of Grain Oriented Electrical Steel at Kawasaki Steel*



Synopsis:

Since Kawasaki Steel had begun to manufacture a grain oriented electrical steel sheet "RG" in 1961, it

2.0



2.1 Development of RGH

The magnetic properties of grain oriented electrical

	Si	Mn	Se	Sb	
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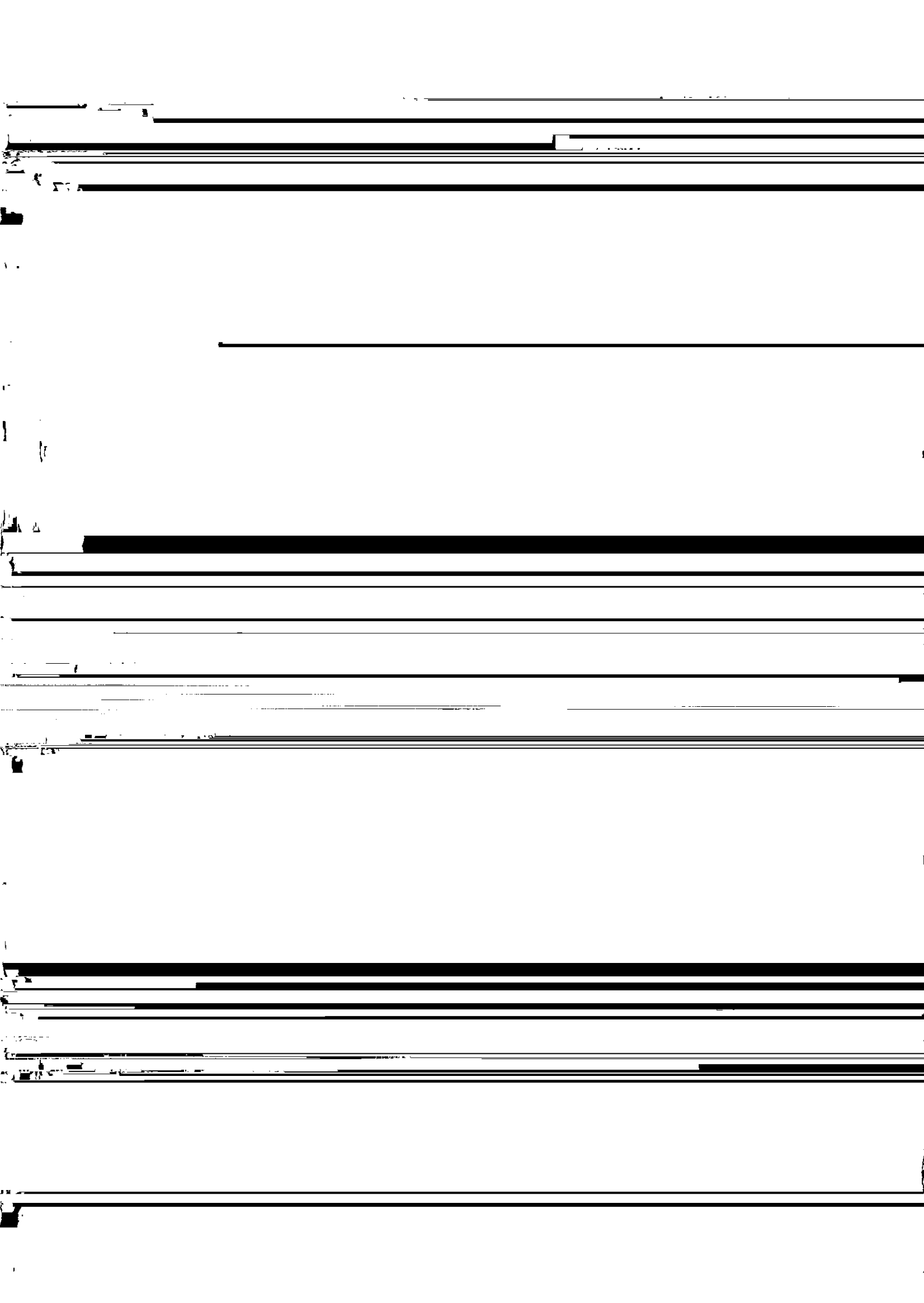


Table A. Specification and typical magnetic properties of BCU DL-34 BCU DL-1-1000.

Item	Specification	Typical magnetic properties
1	[REDACTED]	[REDACTED]
2	[REDACTED]	[REDACTED]
3	[REDACTED]	[REDACTED]
4	[REDACTED]	[REDACTED]
5	[REDACTED]	[REDACTED]
6	[REDACTED]	[REDACTED]
7	[REDACTED]	[REDACTED]
8	[REDACTED]	[REDACTED]
9	[REDACTED]	[REDACTED]
10	[REDACTED]	[REDACTED]
11	[REDACTED]	[REDACTED]
12	[REDACTED]	[REDACTED]
13	[REDACTED]	[REDACTED]
14	[REDACTED]	[REDACTED]
15	[REDACTED]	[REDACTED]
16	[REDACTED]	[REDACTED]
17	[REDACTED]	[REDACTED]
18	[REDACTED]	[REDACTED]
19	[REDACTED]	[REDACTED]
20	[REDACTED]	[REDACTED]
21	[REDACTED]	[REDACTED]
22	[REDACTED]	[REDACTED]
23	[REDACTED]	[REDACTED]
24	[REDACTED]	[REDACTED]
25	[REDACTED]	[REDACTED]
26	[REDACTED]	[REDACTED]
27	[REDACTED]	[REDACTED]
28	[REDACTED]	[REDACTED]
29	[REDACTED]	[REDACTED]
30	[REDACTED]	[REDACTED]
31	[REDACTED]	[REDACTED]
32	[REDACTED]	[REDACTED]
33	[REDACTED]	[REDACTED]
34	[REDACTED]	[REDACTED]
35	[REDACTED]	[REDACTED]
36	[REDACTED]	[REDACTED]
37	[REDACTED]	[REDACTED]
38	[REDACTED]	[REDACTED]
39	[REDACTED]	[REDACTED]
40	[REDACTED]	[REDACTED]
41	[REDACTED]	[REDACTED]
42	[REDACTED]	[REDACTED]
43	[REDACTED]	[REDACTED]
44	[REDACTED]	[REDACTED]
45	[REDACTED]	[REDACTED]
46	[REDACTED]	[REDACTED]
47	[REDACTED]	[REDACTED]
48	[REDACTED]	[REDACTED]
49	[REDACTED]	[REDACTED]
50	[REDACTED]	[REDACTED]
51	[REDACTED]	[REDACTED]
52	[REDACTED]	[REDACTED]
53	[REDACTED]	[REDACTED]
54	[REDACTED]	[REDACTED]
55	[REDACTED]	[REDACTED]
56	[REDACTED]	[REDACTED]
57	[REDACTED]	[REDACTED]
58	[REDACTED]	[REDACTED]
59	[REDACTED]	[REDACTED]
60	[REDACTED]	[REDACTED]
61	[REDACTED]	[REDACTED]
62	[REDACTED]	[REDACTED]
63	[REDACTED]	[REDACTED]
64	[REDACTED]	[REDACTED]
65	[REDACTED]	[REDACTED]
66	[REDACTED]	[REDACTED]
67	[REDACTED]	[REDACTED]
68	[REDACTED]	[REDACTED]
69	[REDACTED]	[REDACTED]
70	[REDACTED]	[REDACTED]
71	[REDACTED]	[REDACTED]
72	[REDACTED]	[REDACTED]
73	[REDACTED]	[REDACTED]
74	[REDACTED]	[REDACTED]
75	[REDACTED]	[REDACTED]
76	[REDACTED]	[REDACTED]
77	[REDACTED]	[REDACTED]
78	[REDACTED]	[REDACTED]
79	[REDACTED]	[REDACTED]
80	[REDACTED]	[REDACTED]
81	[REDACTED]	[REDACTED]
82	[REDACTED]	[REDACTED]
83	[REDACTED]	[REDACTED]
84	[REDACTED]	[REDACTED]
85	[REDACTED]	[REDACTED]
86	[REDACTED]	[REDACTED]
87	[REDACTED]	[REDACTED]
88	[REDACTED]	[REDACTED]
89	[REDACTED]	[REDACTED]
90	[REDACTED]	[REDACTED]
91	[REDACTED]	[REDACTED]
92	[REDACTED]	[REDACTED]
93	[REDACTED]	[REDACTED]
94	[REDACTED]	[REDACTED]
95	[REDACTED]	[REDACTED]
96	[REDACTED]	[REDACTED]
97	[REDACTED]	[REDACTED]
98	[REDACTED]	[REDACTED]
99	[REDACTED]	[REDACTED]
100	[REDACTED]	[REDACTED]



Table 5 Typical magnetic properties of New RGH

sidering the prospects mentioned above, the requirements placed on grain oriented electrical steel as a mate-

[The table content is completely obscured by heavy black redaction bars.]

1) N. P. Goss: *Trans. ASM*, 23(1935), 511

2) L. E. Mox and D. Turnbull: *Trans. Met. Soc. AIME* 212(1959)

17) Kawasaki Steel Corp.: Jpn. Kokoku 57-32716

18) Kawasaki Steel Corp.: J.P. Patent 4,570,609 (1992)