

Magnet test report

QR/QM-12

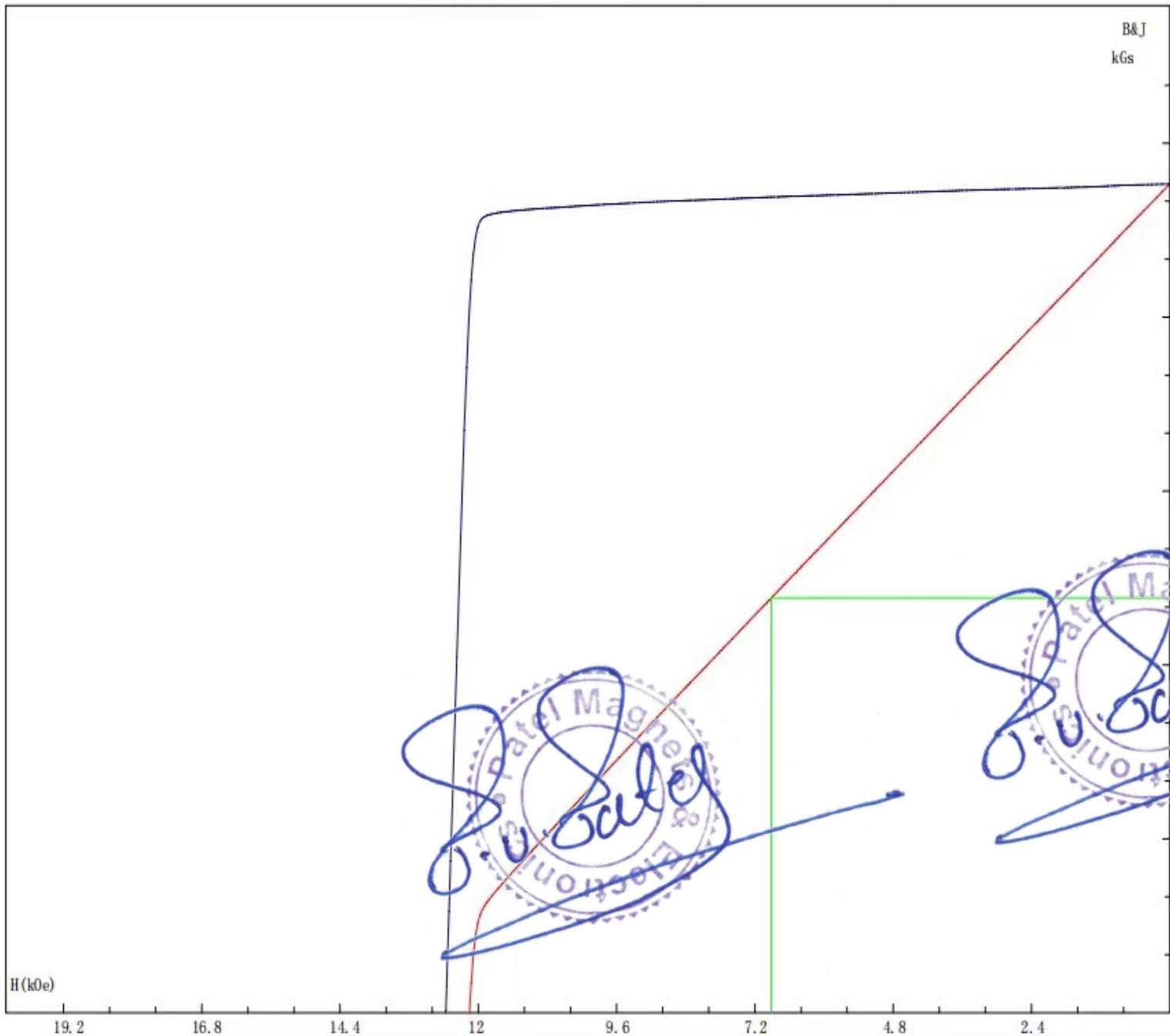
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Order No.	A20250200015	Batch No	/	Magnetization or not	Magnetization
Performance	N52	Size	D20*5mm	Coating	Cu+Epoxy
Quantity	500	Sampling method	spot check	sampling amount	20
content project	①	②		Maximum surface magnetic force	
	20	5		N	S
standard	±0.05	±0.05		Gs	
unit	mm	mm			
1	19.99	5.01		3870	3910
2	20.03	5.02		3890	3900
3	20.04	4.99		3870	3920
4	20.03	5.02		3860	3910
5	20.00	5.01		3910	3920
6	19.99	5.03		3900	3910
7	20.04	4.99		3880	3900
8	19.99	5.01		3860	3910
9	20.03	5.00		3880	3900
10	19.99	4.99		3870	3910
11	20.03	5.01		3900	3920
12	20.05	5.02		3910	3910
13	20.03	5.01		3910	3900
14	20.02	5.02		3870	3920
15	20.04	5.02		3900	3900
16	20.03	5.01		3860	3910
17	19.99	4.99		3910	3900
18	20.01	5.01		3860	3920
19	19.99	4.99		3900	3900
20	20.04	5.04		3910	3910
Max	20.05	5.05		3910	3920
Min	19.99	4.99		3860	3900
Avg	20.02	5.01		3886.00	3909.00
judgement result	OK	OK		OK	OK
Test Conclusion	pass				

Inspector:程永生

Audit staff:程邺

Date:2025-4-24



测试结果

Br	14.296	kGs
Hcb	12.152	kOe
Hcj	12.564	kOe
(BH) _m	49.483	MG0
Hk	12.115	kOe
Hk/Hcj	96.4	%
Hd	6.9142	kOe
Bd	7.1567	kGs
Hm	22.449	kOe

尺寸参数

样品长度	6.09	cm
样品宽度	5.145	cm
线圈面积	48.62	cm ²
线圈匝数	2	匝

相关参数

测试日期	
样品温度	20
材料种类	NbFeB
材料批号	0413-103
样品编号	N52-H1-2-28#
测试人员	付少梁