

Magnet test report

QR/QM-12

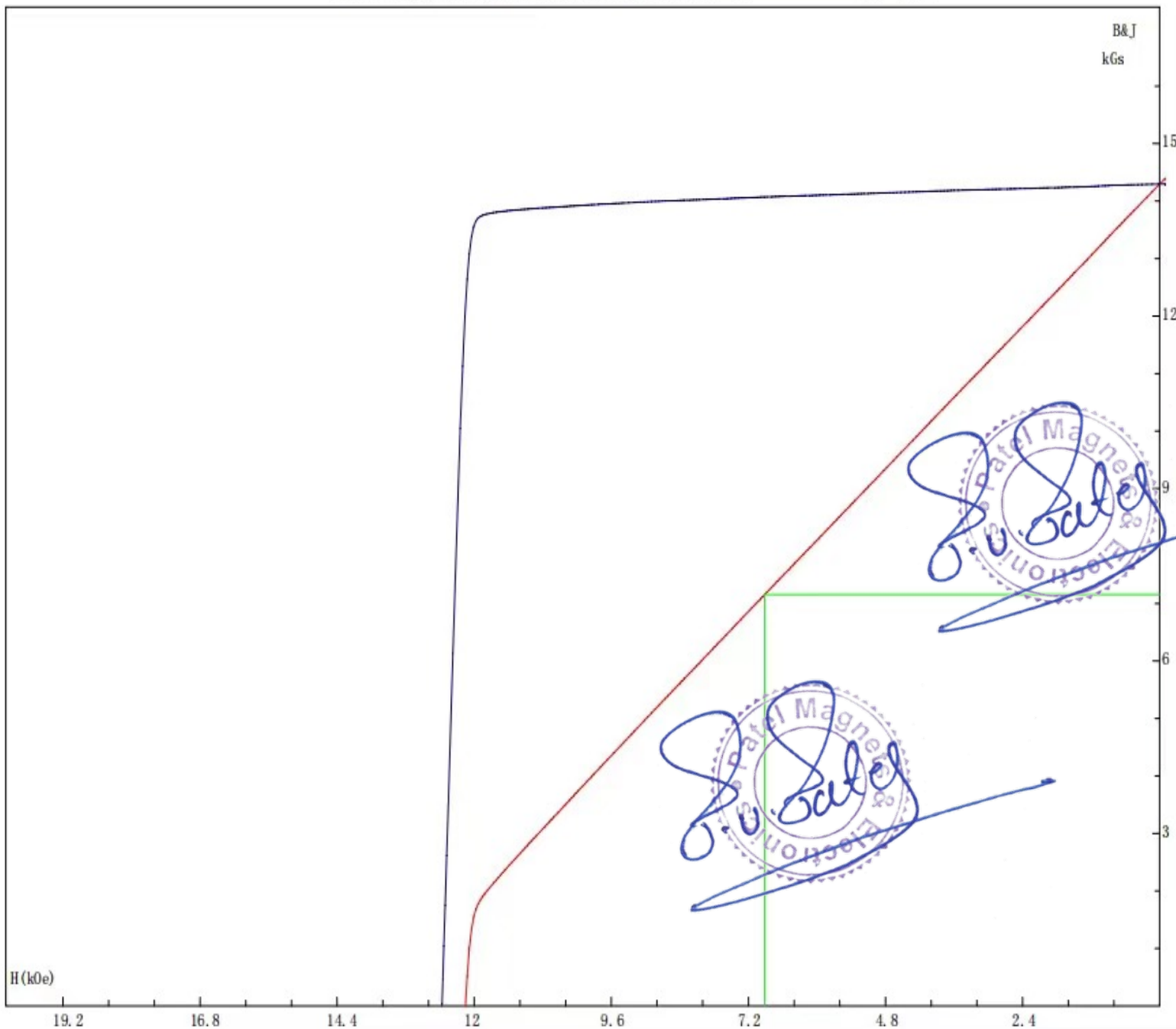
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Order No.	A20250200029		Batch No	/	Magnetization or not	Magnetization
Performance	N52		Size	D4*2mm	Coating	NCN
Quantity	2000		Sampling method	spot check	sampling amount	2000
content project	①	②			Maximum surface magnetic force	
	4	2			N	S
standard	±0.05	±0.05			Gs	
unit	mm	mm				
1	3.98	1.97			3800	3840
2	3.99	2.01			3780	3830
3	4.00	1.98			3800	3780
4	3.97	1.99			3770	3840
5	3.98	1.96			3800	3790
6	3.99	1.98			3790	3810
7	3.97	2.00			3780	3780
8	3.98	1.97			3800	3830
9	3.97	2.01			3790	3790
10	3.98	1.98			3810	3840
11	3.99	1.99			3800	3800
12	3.98	1.98			3810	3840
13	3.97	1.99			3790	3830
14	3.99	2.01			3810	3790
15	3.98	2.02			3780	3830
16	4.01	1.98			3800	3820
17	3.97	1.97			3810	3780
18	4.01	2.01			3790	3830
19	3.98	1.98			3810	3790
20	3.97	2.01			3800	3830
Max	4.01	2.02			3810	3840
Min	3.97	1.96			3770	3780
Avg	3.98	1.99			3796.00	3813.50
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	cmxcm
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