

Magnet test report

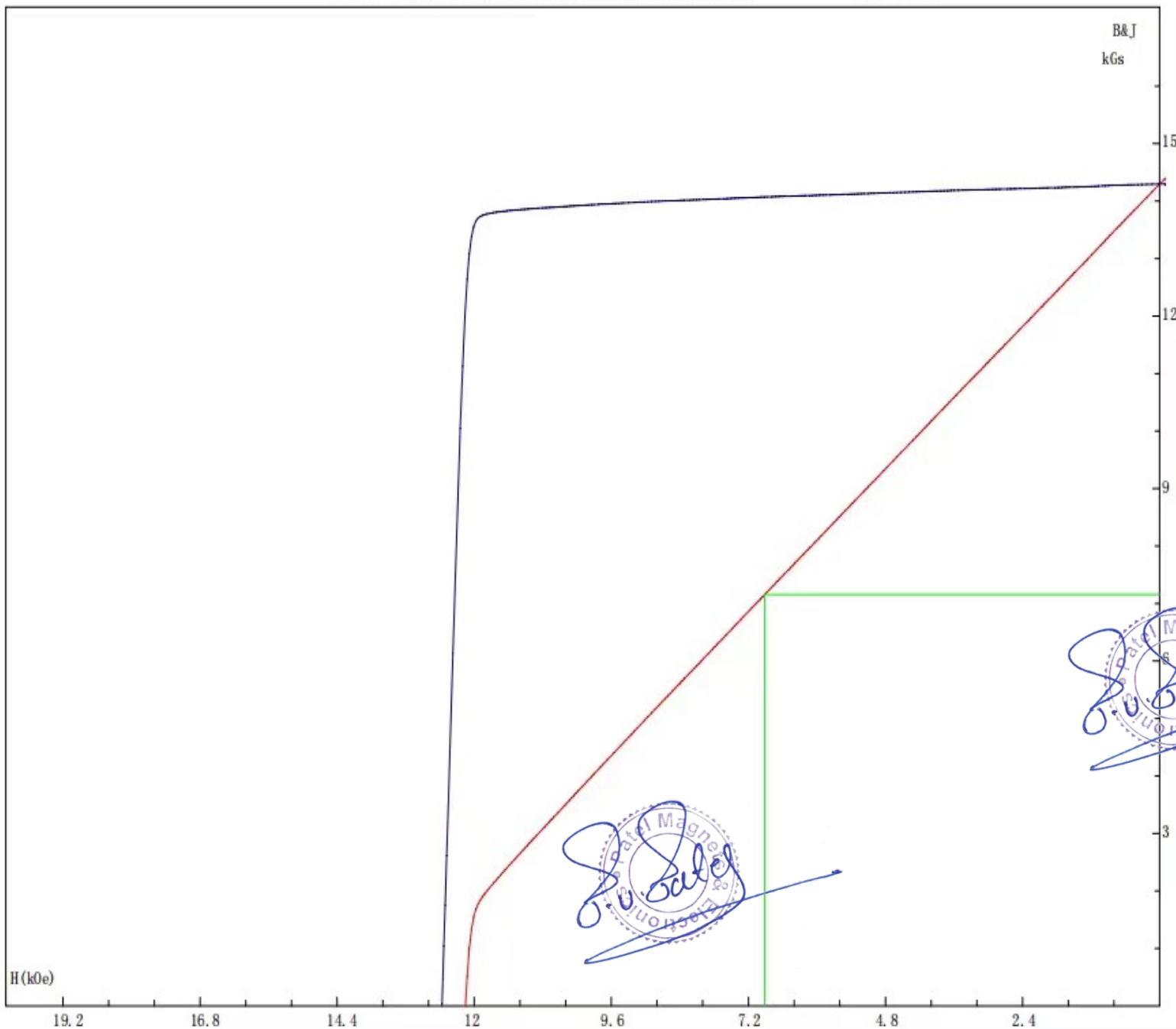
QR/QM-12 A/0

Order No.	A20250200029		Batch No	/		magnetization or not	Magnetization
Performance	N52		Size	L20*10*2mm		Coating	NCN
Quantity	500		Sampling method	spot check		sampling amount	20
content project	①	②	③			Maximum surface magnetic force	
	20	10	2				
standard	±0.05	±0.05	±0.05			N	S
unit	mm	mm	mm			Gs	
1	20.01	10.01	1.99			2440	2460
2	19.99	9.96	2.02			2400	2410
3	20.02	9.95	2.00			2440	2400
4	20.01	9.98	2.02			2430	2410
5	19.99	10.00	1.99			2410	2420
6	20.02	10.01	2.04			2440	2440
7	20.00	9.97	1.99			2420	2400
8	20.01	9.96	2.00			2400	2410
9	20.02	9.98	2.01			2410	2420
10	19.99	9.96	2.02			2440	2440
11	20.01	9.98	1.99			2400	2400
12	20.00	10.01	2.03			2430	2450
13	20.00	9.98	1.99			2410	2410
14	19.99	9.99	2.02			2440	2430
15	20.01	9.96	2.00			2400	2440
16	20.02	10.01	1.99			2410	2400
17	20.00	9.96	2.02			2440	2410
18	19.99	9.98	1.99			2400	2440
19	20.01	9.96	2.02			2430	2400
20	20.00	10.01	1.99			2400	2410
Max	20.02	10.01	2.04			2440	2460
Min	19.99	9.95	1.99			2400	2400
Avg	20.00	9.98	2.01			2419.50	2420.00
judgement result	OK	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	MGO
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