

Magnet test report

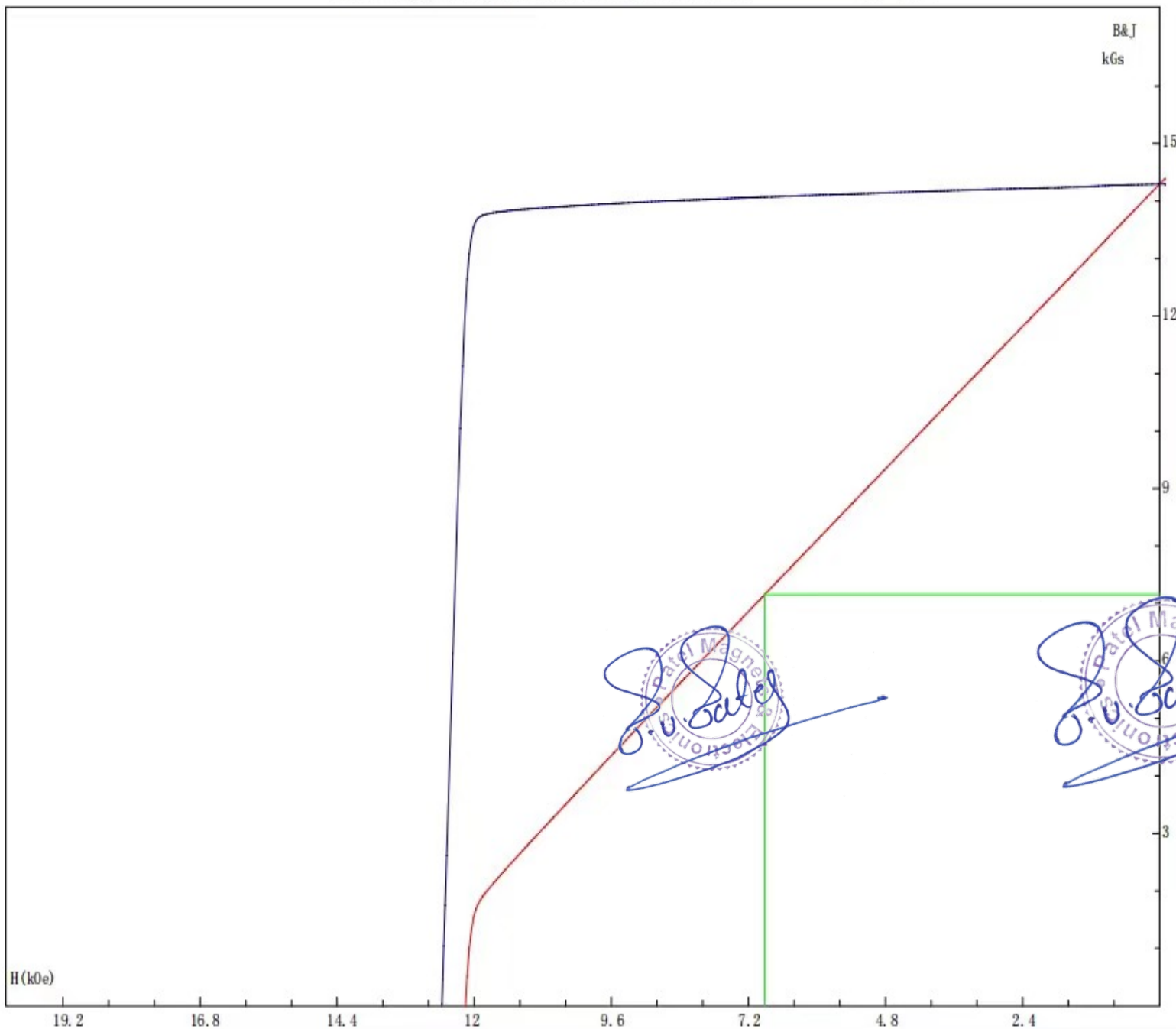
QR/QM-12 A/0

Order No.	A20250200015		Batch No	/		Magnetization or not		Magnetization
Performance	N52		Size	L20*10*5mm		Coating		NCN
Quantity	250		Sampling method	spot check		sampling amount		20
content project	①	②	③			Maximum surface magnetic force		
	20	10	5					
standard	±0.05	±0.05	±0.05			N		S
unit	mm	mm	mm			Gs		
1	20.04	10.01	5.02			4230		4310
2	19.99	9.99	4.99			4300		4280
3	19.99	10.00	5.02			4240		4310
4	20.00	9.99	4.99			4310		4320
5	20.04	10.00	5.01			4190		4250
6	20.03	10.01	5.00			4290		4310
7	20.04	9.99	5.02			4250		4270
8	19.99	10.01	5.00			4180		4220
9	19.99	10.00	4.99			4310		4320
10	20.04	9.99	5.01			4200		4310
11	20.05	10.00	5.02			4280		4240
12	20.04	9.99	4.99			4310		4290
13	20.02	10.00	5.02			4260		4310
14	19.99	9.99	4.99			4310		4320
15	20.04	10.02	5.01			4280		4310
16	19.99	10.01	4.99			4270		4290
17	20.01	9.99	5.01			4220		4230
18	20.04	10.02	5.02			4180		4310
19	19.99	10.01	5.00			4210		4320
20	20.04	10.02	4.99			4180		4280
Max	20.05	10.02	5.02			4310		4320
Min	19.99	9.99	4.99			4180		4220
Avg	20.02	10.00	5.00			4250.00		4290.00
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
Hc j	12.564	kOe
(BH) _m	49.483	MG0
Hk	12.115	kOe
Hk/Hc j	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