

Magnet test report

QR/QM-12

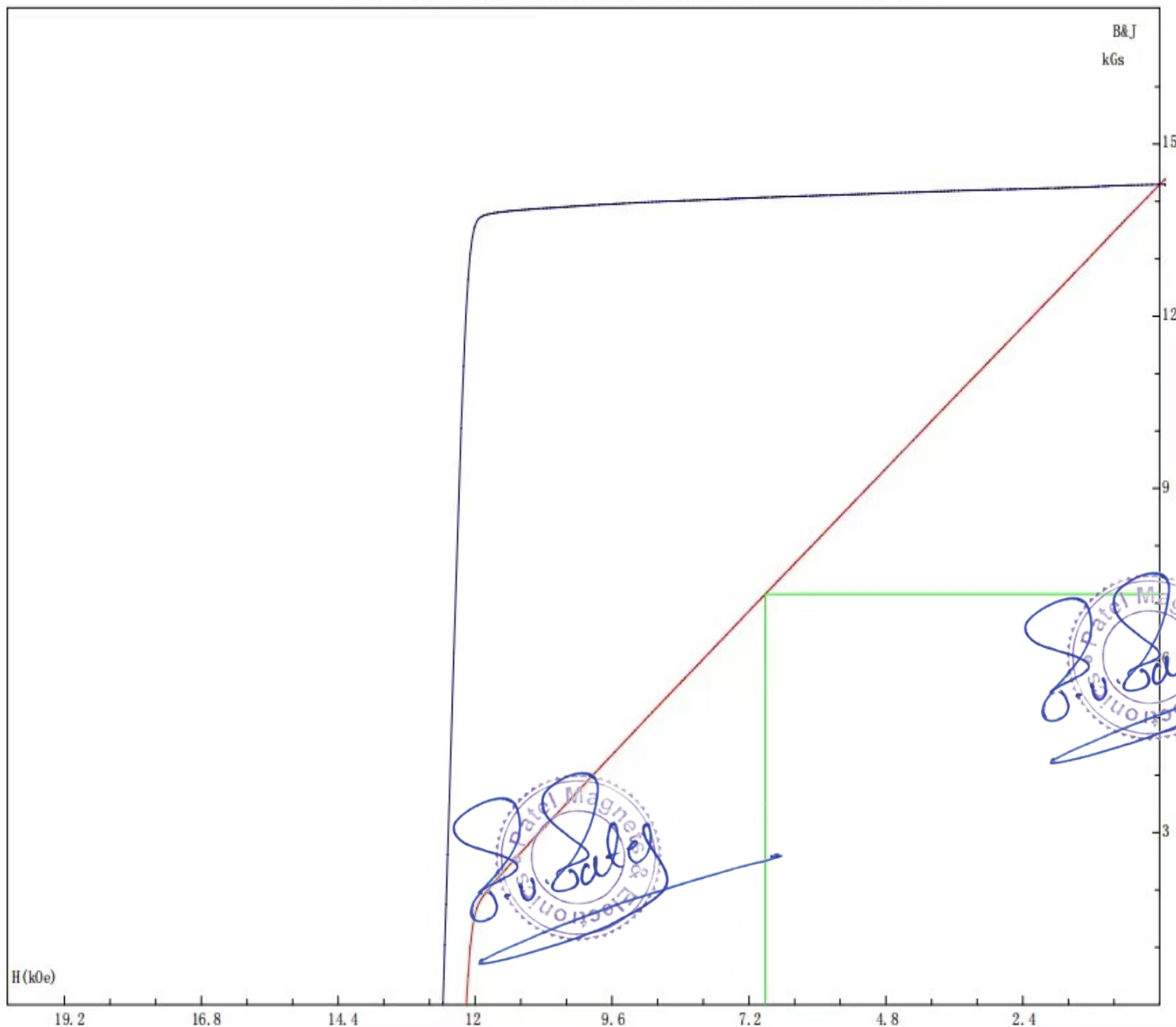
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Order No.	A20250400038 / A20250500003	Batch No	/	magnetization or no	Magnetization	
Performance	N52	Size	D10*5mm	Coating	NiCuNi	
Quantity	15000	Sampling method	spot check	sampling amount	20	
content project	①	②			The surface magnetic force at the center	
	10	5				
standard	±0.05	±0.05			N	S
unit	mm	mm			Gs	
1	10.01	5.02			4580	4680
2	10.03	5.00			4600	4670
3	10.02	5.01			4590	4660
4	10.01	5.02			4580	4630
5	10.03	5.00			4600	4670
6	10.02	5.01			4590	4630
7	10.03	5.03			4580	4680
8	10.00	5.00			4600	4660
9	10.01	5.02			4590	4650
10	10.03	5.00			4600	4660
11	10.02	5.01			4590	4680
12	10.03	5.02			4600	4670
13	10.02	5.03			4580	4640
14	10.01	5.01			4600	4660
15	10.03	5.02			4580	4670
16	10.01	5.00			4600	4680
17	10.02	5.01			4590	4660
18	10.03	5.03			4600	4630
19	10.02	5.00			4590	4680
20	10.03	5.02			4580	4670
Max	10.03	5.03			4600	4680
Min	10.00	5.00			4580	4630
Avg	10.02	5.01			4591.00	4661.50
judgement result	OK	OK			OK	OK
Test Conclusion	pass					

Inspector:程永生

Audit staff: 程邺

Date:2025-7-7



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