

Magnet test report

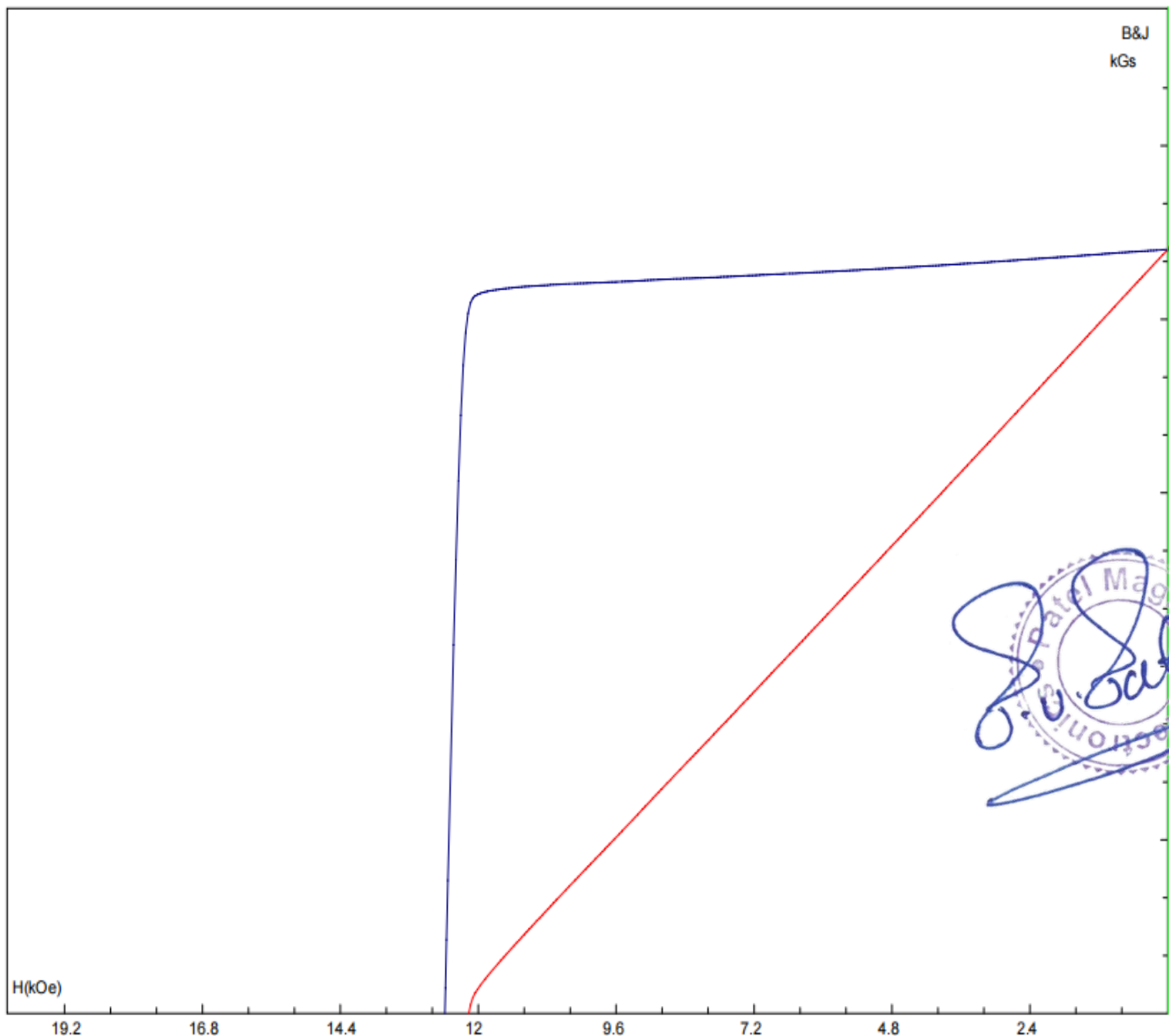
QR/QM-12 A/0

Order No.	A20250200029		Batch No	/		Magnetization or not		Magnetization
Performance	N42		Size	D25*5mm		Coating		NCN
Quantity	150		Sampling method	spot check		sampling amount		20
content project	①	②				Maximum surface magnetic force		
	25	5						
standard	±0.05	±0.05				N	S	
unit	mm	mm				Gs		
1	24.99	5.05				3530	3610	
2	25.02	5.00				3590	3540	
3	25.01	4.99				3570	3620	
4	25.02	5.00				3590	3600	
5	25.00	5.05				3530	3560	
6	24.99	5.02				3550	3590	
7	25.01	4.99				3570	3580	
8	25.02	5.03				3590	3560	
9	25.01	5.04				3530	3570	
10	24.99	4.99				3560	3610	
11	25.02	5.01				3590	3600	
12	25.01	5.00				3570	3550	
13	24.99	5.05				3540	3610	
14	25.02	4.99				3570	3560	
15	25.00	5.00				3530	3600	
16	25.01	5.04				3590	3610	
17	24.99	5.05				3570	3560	
18	25.00	5.04				3530	3590	
19	25.02	5.00				3580	3600	
20	25.01	4.99				3530	3560	
Max	25.02	5.05				3590	3620	
Min	24.99	4.99				3530	3540	
Avg	25.01	5.02				3560.50	3584.00	
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	13.208	kGs
Hcb	12.164	kOe
Hcj	12.581	kOe
(BH)m	40.974	MGO
Hk	12.230	kOe
Hk/Hcj	97.212	%
Hd	6.2506	kOe
Bd	6.5552	kGs
Hm	15.954	kOe

尺寸参数

样品长度	6.074	cm
样品宽度	5.029	cm
线圈面积	43.04	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	NdFeB
材料批号	0808-69
样品编号	N42-C3-15#
测试人员	赖善坤