



中国认可
国际互认
检测
TESTING
CNAS L4800

TEST REPORT



Report number: NBZJ/JC-2024-6-071

Sample name: Q355 steel rod

Customer: Ningbo Morelux Pole Technology
Limited



Ningbo Zhongji Inspection of Machinery Parts Co.,Ltd.

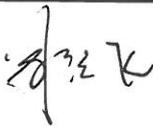
T E S T R E P O R T

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Sample(s)	Q355 steel rod	Test category	Entrusted inspection
Model	3/4" -10×20"	Trademark	/
Name of Client	Ningbo Morelux Pole Technology Limited	Properties Grade	/
Add of Client	/	Receiving Number of Sample(s)	1
Manufacturer	/	Receiving Date of Sample(s)	11/06/2024
Testing environment	Meet laboratory requirements		
Test Requirements	ASTM A370-2021、ASTM E415-2021 Test entrustment contract (number: NBZJ/JC-2024-6-071)		
Test Item(s)	Chemical component、Tensile strength、Yield Strength $R_{p0.2}$ 、Elongation in 4D、Rockwell hardness		
Test Summary	The sample reference to the ASTM A370-2021、ASTM E415-2021 standard and testing of the entrust contract (No : NBZJ/JC-2024-6-071) ,provide measured values. Date of Approval:13/06/2024		
Remarks	/		
Sample photo			
			

Approved by:



Audit by:



Test by:



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Sample description			
Sample	Q355 steel rod	Model	3/4" -10×20"
PO#	/	Properties/Material	/
Blacks Part Number	/	Part Description	/
Heat No.	/	Heat Treatment NO.	/

Series Number	Test Items	Requirement	Sample Number	Test Results	Item Conclusion	
1	Chemical component (%)	ASTM E415-2021	1P-1	C	0.17	Measured values
				Si	0.27	
				Mn	1.28	
				S	0.010	
				P	0.022	

NBZJ/SB-Z-JC-139 Equipment: Direct reading spectrometer Model: S3 Validity Of Calibration: 2024.12.18

2	Tensile Strength (psi)	ASTM A370-2021	1P-2	83249	Measured values
	Yield Strength $R_{p0.2}$ (psi)			59608	
	Elongation in 4D (%)			32.0	

NBZJ/SB-Z-JC-071 Equipment: hydraulic universal testing machine Model: WAW-600C Validity Of Calibration: 2025.03.28

3	Rockwell hardness (HRB)	ASTM A370-2021	1P-2	92.7	Measured values
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NBZJ/SB-Z-JC-163 Equipment: Rockwell hardometer Model: HR-521 Validity Of Calibration: 2025.03.28

