

## TEST REPORT

No. : TJMR251100684802

Date : Nov 24, 2025

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CUSTOMER NAME: ZHENGZHOU WANZHI STEEL MATERIALS CO.,LTD  
ADDRESS: ROOM 1012,BUILDING 8TH SHENGLONG CITY, XINGHUA SOUTH STREET,ERQI DISTRICT,ZHENGZHOU CITY,HENAN PROVINCE

Sample Name : Pet Laminated Steel(WHITE SPONGE PURE);Pet Laminated Steel(GRAY DB HAIRLINE)  
Material and Mark : JIS G3312 SGCC  
Product specification : 0.45\*1083  
Product or Lot No. : Wan/L 2025289  
Buyer :   
Manufacturer : ZHENGZHOU WANZHI STEEL MATERIALS CO.,LTD

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

\*\*\*\*\*

SGS Ref. No. : TJIN2511002414PL02,TEST-2025-EGO-0085  
Date of Receipt : Nov 17, 2025  
Testing Start Date : Nov 17, 2025  
Testing End Date : Nov 24, 2025  
Test result(s) : For further details, please refer to the following page(s)  
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for  
SGS-CSTC Standards Technical  
Services (Tianjin) Co., Ltd.

Doris Liang

Doris Liang  
Authorized signatory



SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.  
Materials Laboratory

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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Pencil Hardness	JIS G 3312:2024 Section 14.2.5 and client's requirement	See result	/

Note: Pass : Meet the requirements;  
 Fail : Does not meet the requirements;  
 / : Not Apply to the judgment.



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1. Test Item: Pencil Hardness

Sample Description: B-Coating metal panel,C-Coating metal panel

Test Method: JIS G 3312:2024 Section 14.2.5 and client's requirement

Test Condition:

Test Pencil: Mitsubishi® Uni

Load: 1000 g

Lab Environmental Condition: ( 23 ± 2 ) °C, ( 50 ± 5 ) %RH

Test Result:

Sample	Pencil Hardness
B	H
C	H

Note:

1. In Mitsubishi® Uni test pencil, 9H is the hardest and 6B is the softest.

6B-5B-4B-3B-2B-B-HB-H-2H-3H-4H-5H-6H-7H-8H-9H

softer ←-----→ harder

2. The sample was tested after removing the protective film.



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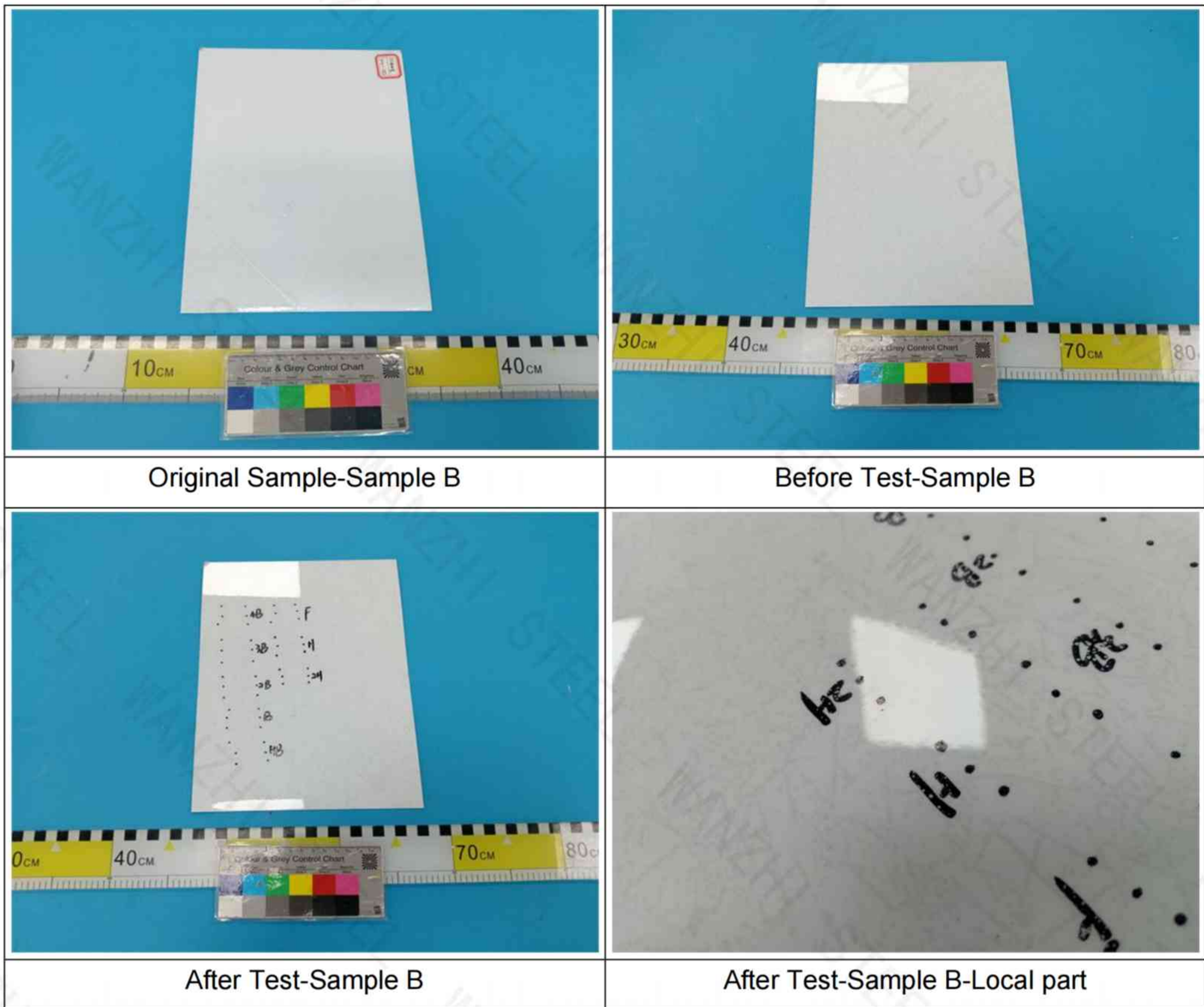
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Test Photo:



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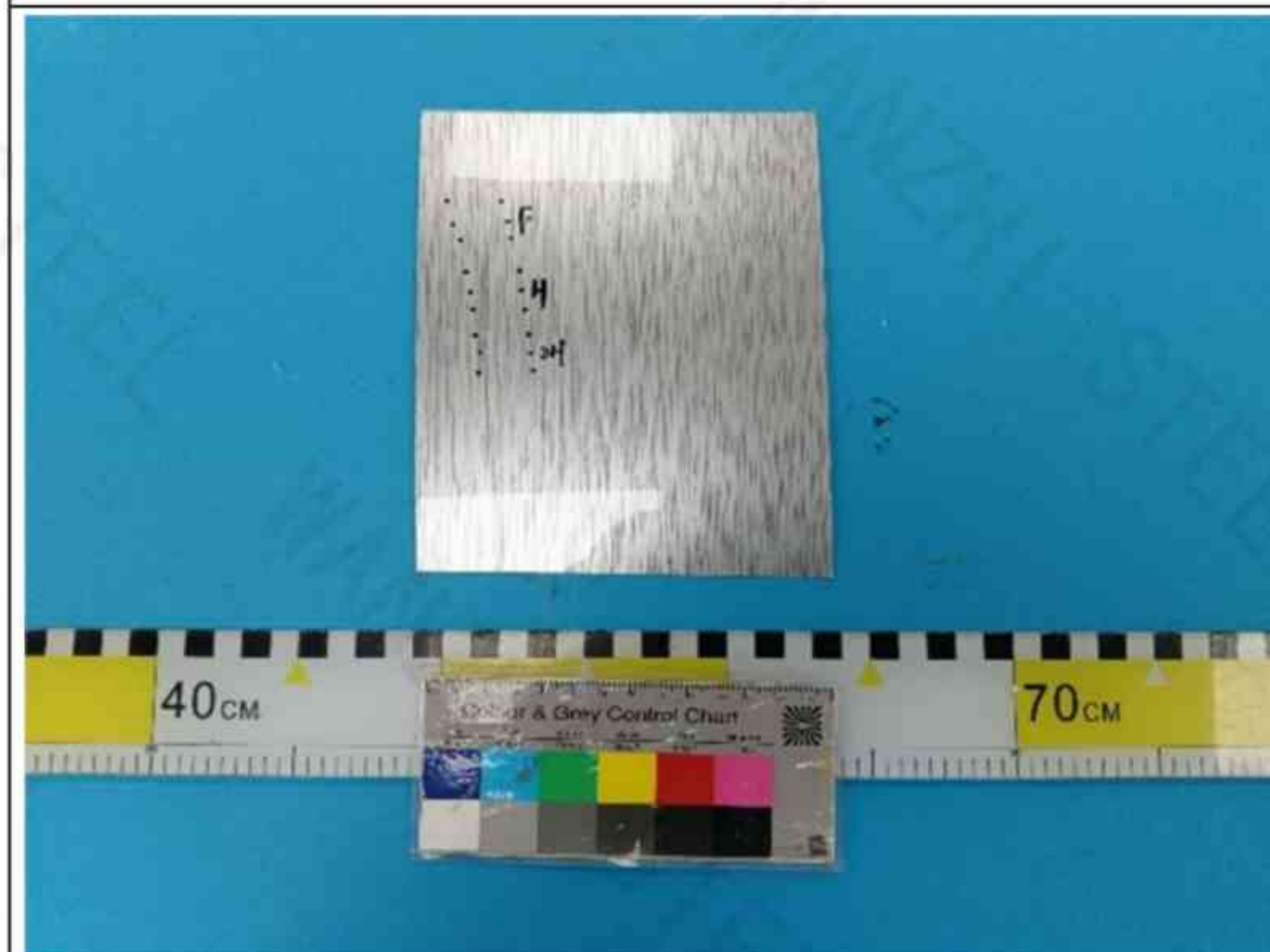
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Original Sample-Sample C



Before Test-Sample C



After Test-Sample C



After Test-Sample C-Local part



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Equipment Information:

Equipment Name	Model	Equipment No.	Calibration date	Next Calibration date
Combined Pencil Hardness Tester	BGD 505	POL-308	2025-11-12	2026-11-11

Appendix information:

\*The test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc. and just for client internal reference.

\*\*\*\*\* End of report\*\*\*\*\*



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