Test Report No.: 01 220 CHN/T-2403496

Test Report

Client:	ANHUI HAODING METAL PRODUCT LIMITED COMPANY
Client address:	NO.32, GAOXIN ROAD, CHAHE ECONOMIC DEVELOPMENT ZONE, LAI'AN, ANHUI PROVINCE, CHINA
Contact information:	Tel.: / Mail: 277867611@qq.com
Sample No.:	SHM20240603496
Sample receiving date:	Jun.26, 2024
Testing period:	Jun.26, 2024~Jul.29, 2024

For and on behalf of
TÜV Rheinland (Shanghai) Co., Ltd.

Jul.29, 2024	King Chen Metal Materials Lab Project Manager	Yixiang Shen Metal Materials Lab Technical Manager
Date	Name	Name

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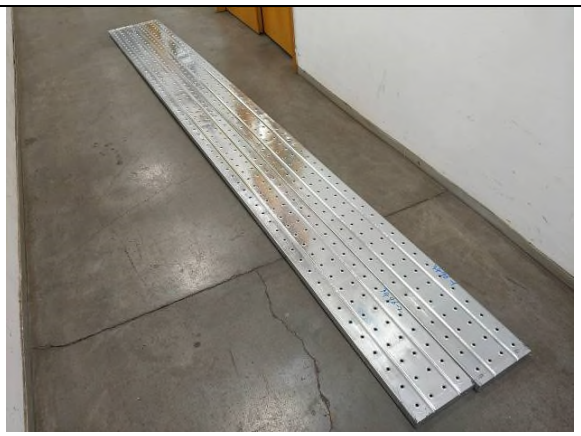
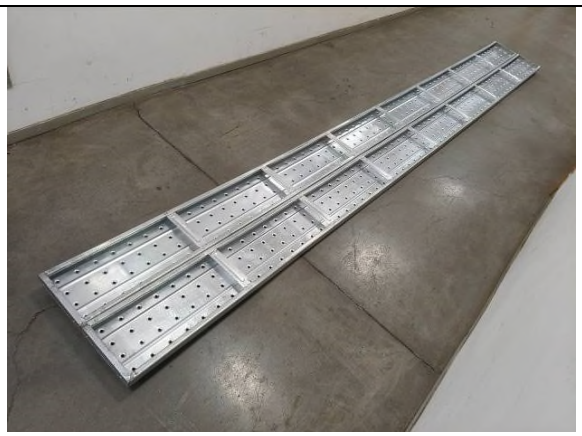
1. Sample information (provided by customer):

Sample name:	STEEL BOARD
Sample description:	Two pieces of steel boards
Sample obtaining method:	☑ Sending by customer ☐ Sampling by TÜV staffs ☐ Other ( )
Other information:	Product specification: 225*38*1.5*4000mm; Material and Mark: Q235; Unit weight:16.85kg.

Sample photo(s):



Front view



Back view

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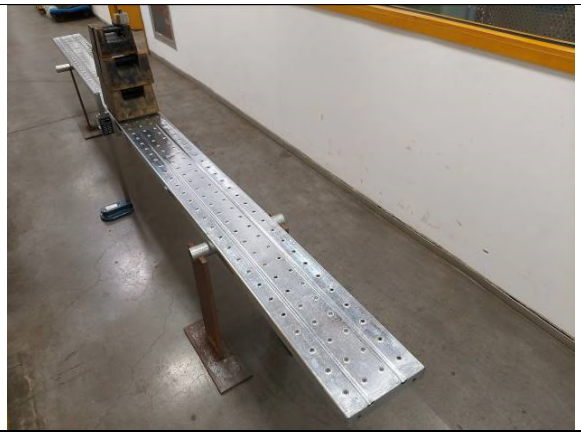
2. Test result:

Platform unit test:
Test method: EN 12811-1:2003 Clause 6.2.2.2 & Clause 6.2.2.3 (Concentrated load on area 200mm×200mm)
Load class: Class 4
Size: 3994mm×225mm×38mm(length × width × height)
Test span: 2500mm

Sample	Test item	Load	Test result	Requirement	Conclusion
1	Uniformly distributed load	q_1=3.00kN/m^2	The working area could support the uniformly distributed load and the deflection is 22.68mm.	Each working area shall be capable of supporting the uniformly distributed load.	Pass
2	Concentrated load on area 200mm×200mm	F_2=1.00kN	The platform unit could support the concentrated load on area 200mm×200mm and the deflection of span center was 21.16mm.	Each platform unit shall be capable of supporting the concentrated load, the elastic deflection of any platform unit shall not exceed 1/100 of its span, and the maximum deflection difference between adjacent loaded and unloaded platform units shall not exceed 25mm.	Pass



During test- Concentrated load

During test- Uniformly distributed load

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