Cert. №: LF20180455

170021181701

中国认可
国际互认
检测
TESTING
CNAS L0269

Certificate of Test

Client: Deekon Group Co., Ltd

Address: No.1188 Lianhang Road, Minhang District, Shanghai, 201112, China

Sample Name: Armor Panel

Physical and Chemical Inspection Center in Non-metals
Material of Ordnance Industries

Dec.10.2018

NOTES

1. Without business seal and paging seal the certificate is invalid.
2. Without approver signature the certificate is invalid.
3. Without the written approval of our laboratory, the certificate should not be reproduced except in full.
4. This Certificate is based on data obtained from having test only the samples submitted and should not be interpreted as an endorsement by Physical and Chemical Inspection Center in Non-metals Material of Ordnance Industries of the continuing quality, or performance, of any other items of the same, or similar design.
5. All instrumentation and measurement devices were calibrated in accordance with ISO 17025 Requirements.

Add.: No.3 Tianjiazhuang east road, Tianqiao District, Jinan
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Sample Name	Armor Panel	**Test Type**	Consignation Test
Client	Deekon Group Co., Ltd	**Address**	No.1188 Lianhang Road, Minhang District, Shanghai, 201112, China
Contact Person	ALEX	**Phone**	86 156 0175 9379
Date Received	12/10/2018	**Test Date**	12/10/2018
Sample Amount	1	**Sample No.**	109#
Categories	Ballistic Resistance	**Test Standard**	NIJ 0101.06 ⅢA
Test Conclusion	The Armor panel(sample No.:109#) provide by Deekon Group Co., Ltd. was tested according with NIJ 0101.06 IIIA(.44 Magnum SJHP). Under normal temperature and humidity, no perfpration occurs after 6 fairs shots with .44 Magnum SJHP, no Backface Signature (BFS) depth exceeds 44mm and maximum BFS depth is 35.3mm. The results show that the ballistic resistance of the sample satisfies the requirements of NIJ 0101.06 IIIA(.44 Magnum SJHP). Laboratory configuration, sample description and test results are showed from Page 2 to 4. **Physical and Chemical Inspection Center** **in Non-metals Material of Ordnance Industries** **Dec.10.2018**		

Prepared By: Gaobo **Reviewed By:** Pangjiang **Approved By:**

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Laboratory Configuration	
Test Unit	Physical and Chemical Inspection Center in Non-metals Material of Ordnance Industries
Ambient Test Conditions	Temperature: 13℃; Relative Humidity: 50%.
Setup	Weapons: Ballistic Barrel Bullets: .44 Magnum SJHP Electrical chronometer (No.:9415) Meter Rule (No.:LS02061) Electronic Balance(No.:F40604303)
Test Range	5m
Sample Description	
Sample No.	109#
Configuration	18 layers PE UD
Remarks	Blank

Recorded By: Wang Wei **Checked By:** Wang Xucai

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Results of Ballistic Resistance Test

Sample Parameters			
Sample No.	**Size(mm×mm)**	**Weight (g)**	**Conditioning**
109#	405 × 405	895	Normal Temperature and Humidity

Test Results				
Shot No.	**Velocity(m/s)**	**Angle of Incidence (°)**	**Results**	**BFS Depth(mm)**
1	439.1	0	Stop	34.6
2	436.8	0	Stop	35.3
3	429.5	0	Stop	33.7
4	442.9	+30	Stop	28.2
5	443.6	-45	Stop	20.6
6	434.1	0	Stop	32.4
	Blank			
Remarks	Clay Drops: 19.0mm, 18.5mm, 19.3mm, 18.6mm, 18.2mm.			

Tested By: WangWei **Checked By:** Wang Xiaoi

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Attached Pictures

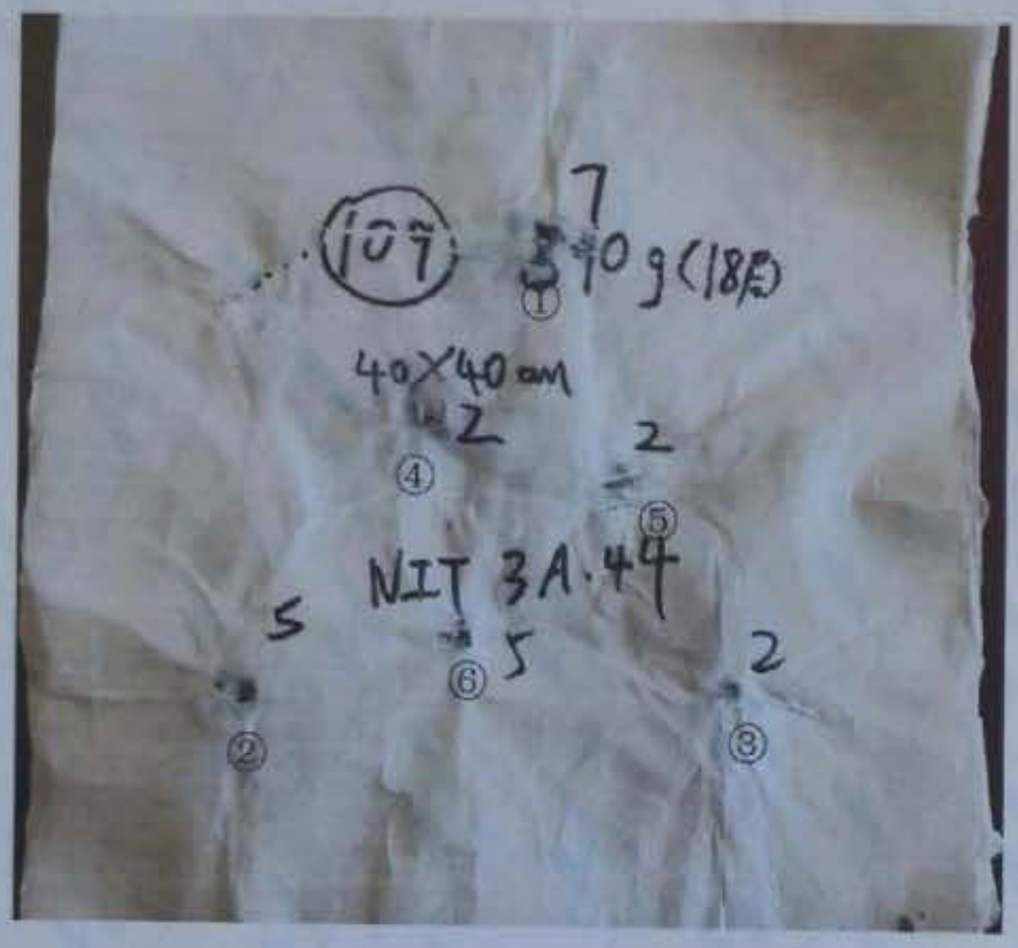

Fig. 1 Armor Panel 109#(strike face)

Fig. 2 Armor Panel 109#(wear face)