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Cert. No: LF20180261



中国认可
国际互认
检测
TESTING
CNAS L0269

Certificate of Test

Client: Yongkang Longkui Protective Equipment Co., Ltd

Address: No.366, Kechuang Road, the Economic Development Zone,

Yongkang City, Zhejiang Province

Sample Name: Armor Panel

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

Jul.25.2018

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.

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Sample Name	Armor Panel	Test Type	Consignation Test
Client	Yongkang Longkui Protective Equipment Co., Ltd	Address	No.366, Kechuang Road, the Economic Development Zone, Yongkang City, Zhejiang Province
Contact Person	Jet Shi	Phone	18969388688
Date Received	07/20/2018	Test Date	07/20/2018
Sample Amount	1	Sample Type	SA-140
Categories	Ballistic Resistance	Test Standard	NIJ 0101.06 IIIA (.44 Magnum SJHP)
Test Conclusion	<p>The Armor Panel (Sample Type: SA-140) provided by Yongkang Longkui Protective Equipment Co., Ltd. was tested according with NIJ 0101.06 IIIA (.44 Magnum SJHP). Under normal temperature and humidity, no perforation occurs after six fair shots at the sample with .44 Magnum SJHP, no Backface Signature (BFS) depth exceeds 44mm and the maximum BFS depth is 42.6mm. The results show that the ballistic resistance of the sample satisfies the requirements of NIJ 0101.06 Level IIIA (.44 Magnum SJHP) .</p> <p>Laboratory configuration, sample description and test results are showed from Page 2 to 4.</p> <p style="text-align: right;">Physical and Chemical Inspection Center in Non-metals Material of Ordnance Industries Jul.25.2018</p>		
Prepared By: Wang Wei	Reviewed By: Fengfeng	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: 26°C; Relative Humidity:68%
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 Type	SA-140
Configuration	40 layers PE UD+1 layer foam
Remarks	Blank
Recorded By: Wang Wei Checked By: Wang Ruai	

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Results of Ballistic Resistance Test

Sample Parameters				
Sample Type	Size(mm×mm)	Weight (g)	Conditioning	
SA-140	400 × 400	941	Normal Temperature and Humidity	
Test Results				
Shot No.	Velocity(m/s)	Angle of Incidence (°)	Results	BFS Depth(mm)
1	433.6	0	Stop	42.6
2	435.9	0	Stop	40.5
3	540.8	0	Invalid, unfair shot.	/
4	440.7	+30	Stop	37.3
5	436.9	-45	Stop	20.8
6	430.7	0	Stop	30.5
7	431.5	0	Stop	34.7
Remarks	1.Clay Drops: 19.8mm, 18.2mm, 20.0mm, 18.6mm, 17.6mm. 2.The 3 rd shot is invalid. As the measured velocity is greater than the maximum allowed velocity, and produces a perforation.			
Tested By: Wang Wei		Checked By: Wang Xueri		

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Attached Pictures



Fig. 1 Armor Panel SA-140 (strike face)

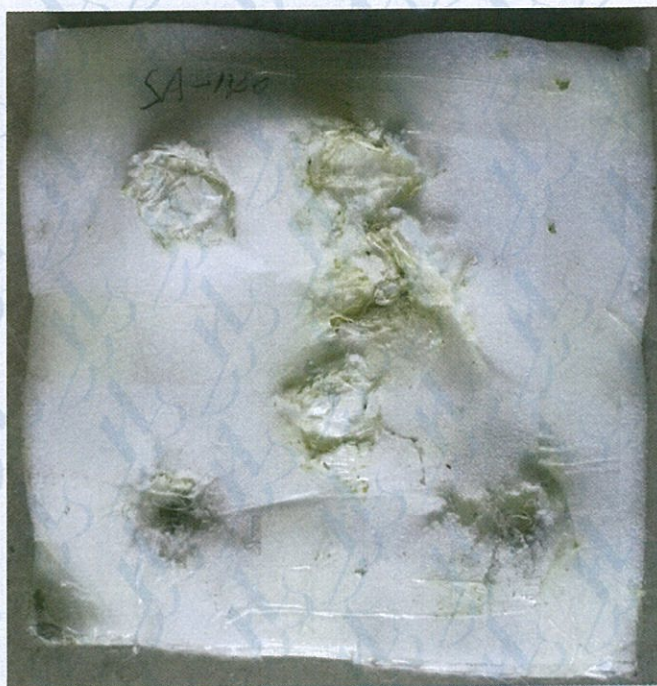


Fig. 2 Armor Panel SA-140 (wear face)