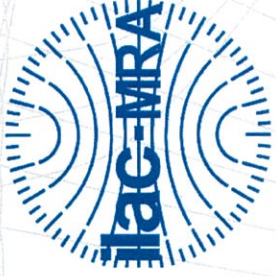




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TESTING  
CNAS L6011

# Test Report

BJZ(2018) 1228

Name: Armor Plate

Type: HA-38

Test Sort: Commission Test

Client: Yongkang Longkui  
New Material Co., Ltd.

Date: Oct. 31, 2018

Test Center of Ordnance and  
Equipment Research Institute,  
China Ordnance and Equipment Group

Quality Supervision and Inspection  
Center for Special Production of  
China Ordnance and Equipment

# Notice

- 1 The test-report invalidate if no special test-stamp.
- 2 The test-report invalidate if no signature of Editor, Censor or Approver.
- 3 The test-report invalidate if it is altered and copied.
- 4 It should be demurred within fifteen days after received the test-report. Not accept if expired.
- 5 The test-report is just answer for the test sample.

Add    Box 1023 ,Chang Ping , Bei Jing  
Tel     86-010-80190337、 0348  
Fax     80190340  
Post    102202



# Test Report



BJZ(2018)1228

Name	Armor Plate	Type	HA-38
Client	Yongkang Longkui New Material Co., Ltd.	Client Principal	Shi Zhengyin
Address	No.366, Kechuang Road, The Economic Development Zone, Yongkang City, Zhejiang, China	Telephone	0579-8715313
Manufacturer	Yongkang Longkui New Material Co., Ltd.	Test Sort	Commission Test
Test Date	Oct. 29, 2018	Brand	Longkui
Lot Number	/	Sample Quantity	1
Sample Number	YP181029-24	Sample State	Good
Standard	NIJ Standard-0101.06 Ballistic Resistance of Body Armor		
Test item	Bulletproof Performance		
Test Conclusion	Type HA-38 armor plate (sample), which is provided by Yongkang Longkui New Material Co., Ltd., has been tested by ball firing at normal temperature. The bulletproof performance conforms to Level III of NIJ Standard-0101.06 Ballistic Resistance of Body Armor.  See the table and Picture 1-2.		
Remarks			
Editor: Wu Rui	Censor: Yuan Hong	Approver: Zhang Hong long	



# Test Report



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BJZ(2018)1228

Test place, environment ( special requirement of environment ) and test equipments	
Test place	Quality Supervision and Inspection Center for Special Production of China Ordnance Equipment /
Test environment ( special requirement of environment )	Indoor: temperature 21℃, humidity 47%RH /
Test equipments	Universal standard Measure Tools Ballistic Analytic System ( No.329000001 ) Electro- balance ( No.CSJL-00122 ) Testing weapon: M14 7.62mm automatic rifle Testing ammunition: 7.62mm NATO cartridge
Character & Structure of sample	The sample is made of 19.0mm PE.



# Test Table of Type HA-38 Armor Plate

BJZ(2018)1228

Sample	Sample Weight (kg)	Protected Area (m <sup>2</sup> )	Sample Condition	Shooting Distance (m)	Angle of Incidence	Shooting Sequence	Muzzle Velocity (m/s)	Penetration	Requirement (mm)	Measured Value (mm)
YP181029-24	1.39	0.075	Normal Temperature	15	0°	1	852	NP	≤44.0	35.2
						2	856	NP		38.9
						3	855	NP		34.7
						4	853	NP		28.4
						5	857	NP		27.6
						6	855	NP		42.2



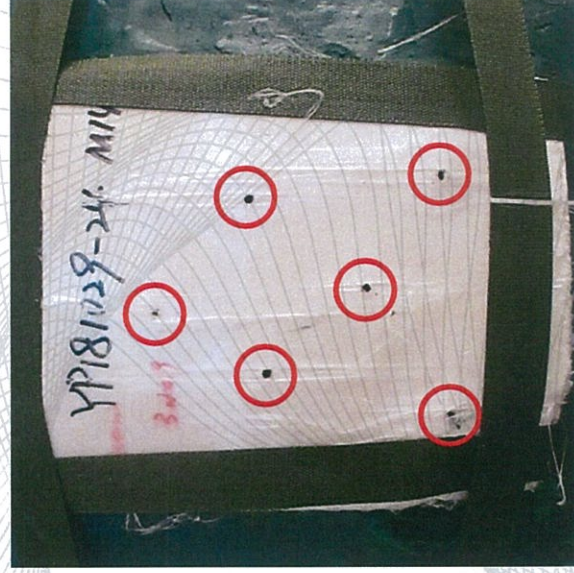


# Test Report



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Picture 1 Impact Side



Picture 2 Backing Material

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