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TESTING
CNAS L6011

Test Report

BJZ(2019) 0009

Name: Bulletproof Plate

Type: DK-MO

Test Sort: Commission Test

Client: DEEKON GROUP CO., LTD

Date: Jan. 8, 2019

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

Test Report

BJZ(2019)0009

Name	Bulletproof Plate	Type	DK-MO
Client	DEEKON GROUP CO., LTD	Client Principal	Jack Zhang
Address	FLAT/RM A 20/F KIU FU COMMERCIAL BLDG 300 LOCKHARTROAD, WANCHAI, HONG KONG	Telephone	15821399959
Manufacturer	DEEKON GROUP CO., LTD	Test Sort	Commission Test
Test Date	Jan. 7, 2019	Brand	Deekon
Lot Number	MM.4000000 AL	Sample Quantity	1
Sample Number	YP190107-25	Sample State	Good
Standard	NIJ Standard-0101.06 Ballistic Resistance of Body Armor		
Test item	Bulletproof Performance		
Test Conclusion	The type DK-MO Bulletproof Plate (sample) , which is provided by DEEKON GROUP CO., LTD, has been tested by ball firing at normal temperature. The bulletproof performance conforms to the requirements of level IV of NIJ Standard-0101.06 Ballistic Resistance of Body Armor. See the table and Picture 1-2.		
Remarks			

Editor: Gao Lei **Censor:** Song Qingqing **Approver:** Zhou Hongfang

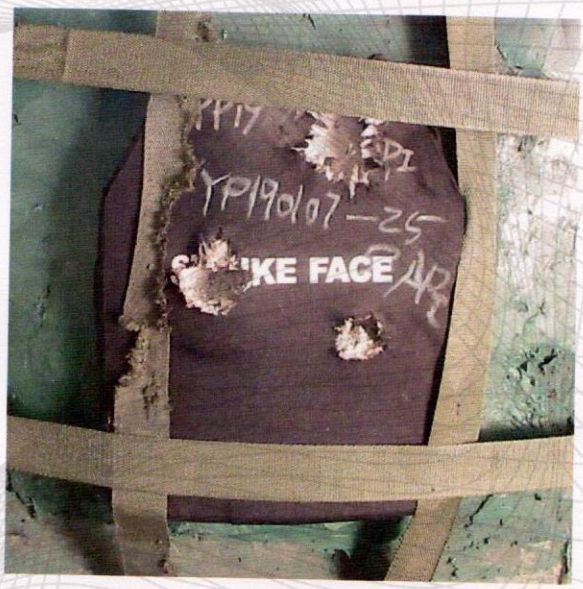
Test Report

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 40%RH
	/
Test equipments	Universal standard Measure Tools Ballistic Analytic System（No. 328000212） Electro- balance（No.CSJL-00122） Testing weapon: 7.62mm ballistic trajectory gun Testing ammunition: type 53 7.62mm API (handloads)
Character & Structure of sample	The sample is made of 12.0mm alumina oxide ceramics and 8.0mm PE.

Test Table of Type DK-MO Bulletproof Plate

BJZ(2019)0009

Sample Number	Sample Weight (kg)	Protected Area (m^2)	Sample Condition	Shooting Distance (m)	Angle of Incidence	Shooting Sequence	Muzzle Velocity (m/s)	Penetration	BFS Depth	
									Requirement (mm)	Measured Value (mm)
YP190107-25	3.09	0.07	Normal Temperature	15	0°	1	874	NP	⩽44.0	21.2
						2	871	NP		16.5
						3	875	NP		17.9



Picture 1 Impact Side

Picture 2 Backing Material