

# Test Report

Report No. JSWB/BG-4520070509

Product Name: Anti-riot Shield

Inspected Unit: Jiangsu WanBiao Inspection Co.,Ltd

Test Category: Commission Test



# Notes

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1. Report without "the seal of quality inspection center" is invalid;
2. The test report shall not be copied in any form and the copied report shall be invalid;
3. The test report is invalid without editor, verifier approver's signature;
4. It is invalid to alter and modify the report;
5. If there is any objection to the test report, it shall be submitted to the general management department of the company or the company website [www.jswanbiao.com](http://www.jswanbiao.com) for complaint within 15 days from the date of receipt of the report;
6. We are only responsible for the testing sample
7. Receiving the remaining samples need to note in the test contract, and within one month from the date of receipt of the report, otherwise the remaining samples will be handled according to our company's own disposal
8. To ensure the translation effect, Our Chinese and English reports only refer to

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Name: Jiangsu Wanbiao Inspection Co., Ltd.

# Jiangsu Wanbiao Inspection Co., Ltd

## Test Report

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Sample name	Anti-riot shield	Model	FBP-TL-KL001
Manufacturer		Inspection type	Commission test
Sample quantity	4	Brand	KL
Serial No.	1-4	Sample level	Passed
Sampling basic number	/	Sample status	Intact
Production date	November 1, 2020	Sample date	20201102
Inspection Standard	GA 422-2008 Anti-riot shield		
Inspection Period	20201103-20201106		
Inspection items	Appearance, grip, protective area, mass, grip connection strength, armband connection strength, light penetration, impact resistance, flame resistance, chemical resistance puncture resistance, strike resistance, Climatic environment suitability test .		
Inspection conclusion	The test results of the inspected items meet the requirements of anti-riot shields in GA 422-2008;The appearance state of the riot shield is shown in Figure 1 ~ Figure 2.		
Remark : Only responsible for the testing sample.			

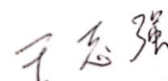
Editor:



Verifier:



Approver:



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Inspection site, inspection environment, main instruments and equipment used for inspection	
Test site Subcontracting and site inspection	Quality Supervision and Inspection Center of Special Police
Main instruments and equipment for inspection	General standard measuring tool for common mechanical hand tools ACS-30 Electronic scale PL-7.6 Falling impact test machine REGER 4100 electronic universal testing machine AQJL-300 Impact Testing Machines MF210 high temperature test chamber WD710 low temperature test chamber WGT-S Light transmittance/fog tester
Tested sample overview	The shield body of the anti-riot shield FBP-TL-KL001 is made of 3.5mm thick PC board, and the shield body is installed with grip and arm band.

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No	Test item	Standard Requirement	Sample No.	Test result	Pass or not
1	Appearance test	The surface of the riot shield should be smooth, no visible pits, projections, bubbles. Scratch, sharp Angle, scratch, teaching point, degumming and peeling block trap: the exposed metal structure of the anti-riot shield should not be defective	1-4	meet the requirements	P
2	Grip test	The grip should be easy to grab without Burrs and sharp angles	1-4	meet the requirements.	P
3	Size test	Length:1000mm Width:560mm Thickness:3.5mm	2	meet the requirements	P
4	Weight test	The weight should be less 4. 0kg.	1-4	No.1 : 3.95kg, No.2 : 3.98kg, No.3-4 : 3.96kg.	P
5	Grip connection strength test	The connection between grip and shieldbody should bear 500N tension without new cracks, looseness, or peeling	1	Give 500N tension between grip and shield body for 1 minute without new cracks, looseness, or peeling	P
6	Armband connection strength test	When the buckle of the armband is in place this connection should withstand a pull of 500N and there should be no sloughing, loosening, trip or breaking of the arm	1	Give 500N tension between armband and shield body for 1 minute without new cracks, looseness, or peeling	P

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No.	Test item	Standard Requirement	Sample No.	Test result	Pass or not
7	Transparency test	The transparency should be above 70%.	1	85.9%,	P
8	Impact test	The shield body should bear 147J impact, , there should no holes after impact	1	There is no holes after impact	P
9	Puncture resistance test	There should no holes bigger than 6mm or there is no crack outside the radius of the force point 20mm.	2	After puncture, there is no holes or cracks	P
10	Strike resistance	The shield should bear the strike at the speed of 18m/s $\pm$ 0. 3m/s, the strike strength is 342J+ 13J; after striking, there should no break or 50mm crack	3	After strike there is no crack	P
11	Flame resistance	Burn the PC plate for 10 seconds, the plate cannot be burned	3-4	Both can withstand the fire for 10 seconds	P
12	Chemical resistance	Pour sulfuric acid to the plate	1-2	Both are not corroded after the sulfuric.	P
13	Climatic environment suitability test	After the shield is treated in the low temperature ( $-30C \pm 2 C$ , 4h).high temperature ( $+55C \pm 2C$ , 4h), It is undergone anti strike test within 5min, the test result should meet requirement	2-4	There are no crack after been strike.	P
<b>P=pass F = non pass N = no need test</b>					

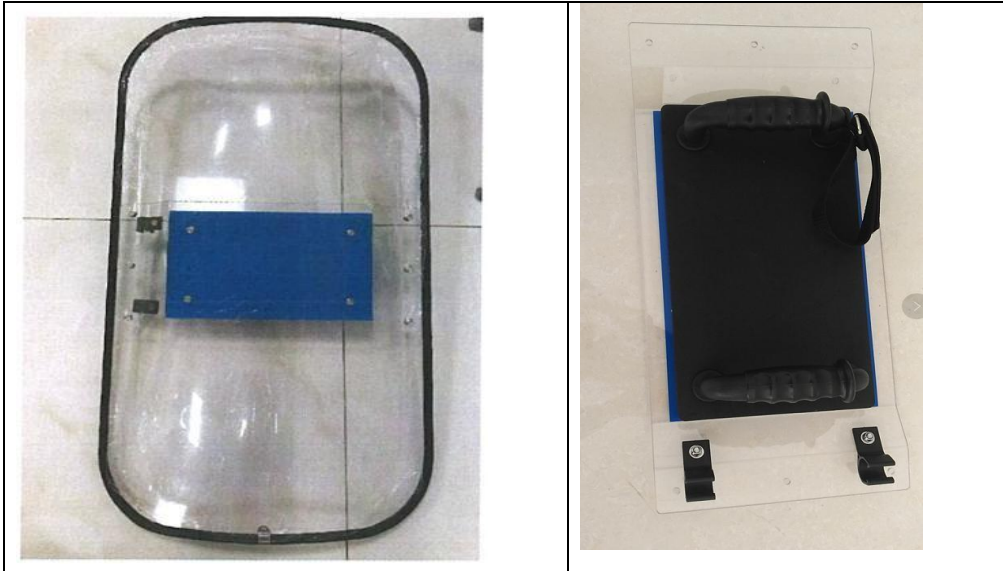


Figure 1

Figure 2

Traducere din limba engleza

# RAPORT DE TESTARE

Raport nr. JSWB/BG – 4520070509

Nume produs: Scut Anti-revolta

Unitate verificatoare: Jiangsu WanBiao Inspection Co.,Ltd

Categorie test: Comisie de testare

Jiangsu WanBiao Inspection Co., Ltd.



# Note

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1. Raportul fara "Sigiliul centrului de control al calitatii" este nevalid;
2. Raportul de testare nu va fi copiat in nicio forma, orice copie a raportului va fi nevalida;
3. Raportul de testare este nevalid fara semnaturile celui care a intocmit testul, a vericatorului si semnatura de aprobare;
4. Orice forma alterata sau modificata a raportului de testare este nevalida;#
5. In cazul in care exista vreo obiectie la raportul de testare, aceasta va fi inaintata departamentului de conducere generala a companiei sau pe site-ul acesteia: [jswanbiao.com](http://jswanbiao.com) pentru reclamatie in termen de 15 zile de la data primirii raportului;
6. Suntem responsabili numai pentru mostra de testat;
7. Inapoierea mostrelor ramase trebuie mentionata in contractul de testare si trimiterea sa fie facuta in timp de o luna de la primirea raportului de testare, in caz contrar mostrele ramase vor fi gestionate conform politicii noastre de eliminare a deseurilor;
8. Pentru asigurarea unei traduceri corecte, rapoartele noastre de testare in chineza si engleza se vor referi la:

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Nume: Jiangsu Wanbiao Inspection Co., Ltd.

# Jiangsu Wanbiao Inspection Co., Ltd.

## Raport de testare

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Nume mostra	Scut anti-revolta	Model	FBP-TL-KL001
Producator		Tipul inspectiei	Comisie de testare
Cantitate mostra	4	Marca	KL
Nr. serie	1 – 4	Nivel mostra	A trecut
Nr. de baza al mostrei	/	Stare mostra	Intacta
Data fabricatiei	Noiembrie, 1, 2020	Data furnizarii mostrei	20201102
Standard de inspectie	GA 422-2008 Scut anti-revolta		
Perioada de inspectie	20201103 - 20201106		
Articole de inspectat	Aspect, prindere, zona de protectie, greutatea, rezistenta racordului de prindere, rezistenta conectarii banderolei, patrunderea luminii, rezistenta la impact, rezistenta la flacara, rezistenta chimica, rezistenta la perforare, rezistenta la lovire, testarea adaptabilitatii la mediul climatic		
Concluziile inspectarii	Rezultatele testului: obiectul inspectat indeplineste cerintele standardului GA 422-2008 Scut anti-revolta; aspectul scutului este aratat in fiura 1 si figura 2		
Observatii: Responsabil numai pentru proba de testare			

Intocmit: [semnatura]

Verificat: [semnatura]

Aprobat: [semnatura]

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## Raport de testare

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Locul testarii, mediul de testare, principalele instrumente si echipamente folosite la testare	
Locul testarii Subcontractare si Inspectie de santier	Centrul de supraveghere si control al calitatii al Politiei Speciale
Principalele instrumente si echipamente folosite pentru testare	Instrument de masurare standard general pentru unelte manuale mecanice obisnuite Cantar electronic ACS – 30 Aparat de testare a impactului la cadere PL – 7.6 Aparat electronic universal de testare REGER 4100 Aparate de testare la impact AQJL – 300 Cuva de testare la temperaturi ridicate MF210 Cuva de testare la temperaturi joase WD710 Tester de transmisie a luminii/cetii WGT-S
Prezentare generala a mostrei testate	Corpul scutului anti – revolta FBP-TL-KL001 este realizat din placa PC de 3,5 mm grosime si este dotat cu sistem de prindere si banda de brat.

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Nr.	Obiect de test	Cerinte standard	Nr. most ra	Rezultate test	Admis sau nu
1	Test de aspect	Suprafata scutului anti-revolta trebuie sa fie neteda, fara adancituri vizibile, proiectii sau bule. Unghiul de zgariere, punctul de decojire: exxpunerea structurii de metal a scutului anti-revolta nu ar trebui sa fie vizibila	1-4	Indeplineste cerintele	P
2	Test de prindere	Prinderea trebuie sa fie usor de apucat fara bavuri si unghiuri ascutite	1-4	Indeplineste cerintele	P
3	Test de dimensiune	Lungime: 1000mm Latime: 560mm Grosime: 3,5mm	2	Indeplineste cerintele	P
4	Test de greutate	Greutatea maxima trebuie sa fie de 4,0 kg	1-4	Nr. 1: 3,96 kg Nr. 2: 3,98 kg Nr. 3: 3,96 kg	P
5	Test de rezistenta a sistemului de prindere	Legatura dintre sistemul de pindere si corpul scutului trebuie sa reziste la o tensiune de 500N fara aparitia de crapaturi noi, slabire sau decojire	1	S-a aplicat o tensiune de 500N intre sistemul de prindere si corpul scutului timp de 1 minut fara sa apara crapaturi noi, slabiri sau decojiri	P
6	Test de rezistenta a banderolei	Cand catarama banderolei este in pozitie, aceasta legatura ar trebui sa reziste la o tractiune de 500N si nu ar trebui sa existe desprinderi, slabiri, impiedicare sau rupere a bratului	1	S-a aplicat o tensiune de 500N intre sistemul de prindere si corpul scutului timp de 1 minut fara sa apara crapaturi noi, slabiri sau decojiri	P

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Nr.	Obiect de test	Cerinte standard	Nr. mostra	Rezultate test	Admis sau nu
7	Test de transparenta	Transparenta trebuie sa fie peste 70%	1	85,9%	P
8	Test de impact	Corpul scutului trebuie sa reziste la un impact de 147J, nu trebuie sa existe gauri dupa impact	1	Nu exista gauri dupa impact	P
9	Test de rezistenta la perforare	Nu trebuie sa existe gauri > 6mm sau crapaturi pe o raza de 20mm de la punctul de forta	2	Dupa intepare, nu exista gauri sau crapaturi	P
10	Rezistenta la lovire	Scutul trebuie sa reziste la lovituri cu o viteza de 18m/s $\pm$ 0,3m/s si forta de 342J + 13J: dupa lovire nu trebuie sa se rupa sau sa apara crapaturi de 50mm	3	Dupa lovire nu exista crapaturi	P
11	Rezistenta la flacara	La arderea placii PC timp de 10 secunde, placa nu prezinta arsuri	3-4	Amandoua pot rezista focului timp de 10 sec	P
12	Rezistenta chimica	Se toarna acid sulfuric pe placa	1-2	Amandoua nu prezinta corodare	P
13	Testarea adaptabilitatii la mediul climatic	Dupa expunerea scutului la temperaturi joase ( $-30^{\circ}\text{C} \pm 2^{\circ}\text{C}$ , 4h) si temperaturi mari ( $+55^{\circ}\text{C} \pm 2^{\circ}\text{C}$ , 4h), acesta este supus unui test anti lovire in 5 min., rezultatele trebuind sa indeplineasca cerintele	2-4	Nu exista crapaturi dupa lovire	P

P = pass F = non pass N = no need test

**Jiangsu Wanbiao Inspection Co., Ltd.**  
**Raport de testare**

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Figure 1

Figure 2

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