EU TYPE
EXAMINATION CERTIFICATE

APPROVED BODY 2575

The PPE detailed herein the criteria of an EU Type Examination in accordance with Annex V, including the applicable clauses of the Essential Health and Safety Requirements of the PPE Regulation EU 2016/425, for the category II followed by conformity to type based on internal production control (module C) set out in Annex VI.
Following an EU Declaration of Product Conformity you are hereby licensed to mark the product(s) detailed in accordance with Article 17 of the PPE Regulation EU 2016/425.

VALIDITY OF CERTIFICATE

This certificate will cease its validity at any time if needed, in particular if changes in the manufacturing process, in the raw materials or in PPE components will occur.

INTERTEK ITALIA SpA
Via Miglioli, 2/A
Cernusco sul Naviglio (MI), Italy
T: +39 02 95383833
F: +39 02 95383832

PRD N° 277B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC Mutual Recognition Agreements

Manufacturer: HUBEI SAIWEILI INDUSTRIAL&TRADING CO.,LTD
Address: NO.1,XIUDONG GARDEN,JUANSHUI TOWN,TONGCHENG COUNTY,HUBEI, CHINA
Authorised Representative: -
Address: -
Certificate No.: ITASLNB21007344
Category Product: II
Trade Name (Model/Product Reference):-
Article: Yy20088-1
Product type: GLOVES
Reference(s) Standard: EN ISO 21420:2020; EN 388:2016+A1:2018
Description:
PIG LEATHER GLOVES. General Requirements: Dexterity: 4; Sizes: 10 (10.5"), 11 (14"). Mechanical Risks: Abrasion resistance: 3; Blade cut reistance: 1; Tear resistance: 2; Puncture resistance: 2; Cut resistance: X.

This has been shown through satisfactory testing to: EN ISO 21420:2020; EN 388:2016+A1:2018

Examination of the Technical File Documentation, No:Yy20088-1 - Rev.3 05/08/2021

Test Report no. See Technical File

Remark:

Note:

Issue Date 16/09/2021 **Issued at:** Lastra a Signa (FI)
Expiry Date 15/09/2026 **General Manager** **Elena Ruffino**

For and on behalf of INTERTEK ITALIA Spa

This certificate shall be issued on the following conditions:
1. This certificate refers only to the samples tested and submitted to the tests and assessments by the Body
2. The issue of the certificate does not imply that the Notified Body has carried out any surveillance or control of the manufacture.
3. The applicant shall ascertain that the manufacturing process ensures the products conformity with the approved samples as required by Regulation (EU) 2016/425

intertek
Total Quality. Assured.

中国认可
国际互认
检测
TESTING
CNAS L0220

TEST REPORT

Number: GZHT90998062

Applicant: HUBEI SAIWEILI INDUSTRIAL & TRADING CO., LTD
NO.1, XIUDONG GARDEN JUANSHUI TOWN TONGCHENG COUNTY,
HUBEI,CHINA
Attn: GINA WANG

Date: Oct 30, 2020

Sample Description:
Eight (8) pairs of submitted samples said to be Yy20088-1 Pig Leather Gloves In Beige/Light Green.

Standard	:	BS EN ISO 21420:2020 / ISO 21420:2020 BS EN 388:2016+A1:2018/ EN 388:2016+A1:2018
Size Range	:	10.5"
Style Name	:	Yy20088-1
Ref.	:	Pig Leather Glove
Palm	:	Pig Leather
Back	:	Beige T/C Cotton
Cuff	:	T/C Cotton
Cuff Binding	:	Thread
Date Received/Date Test Started:		Oct 21, 2020/Oct 21, 2020
Date Final Information Confirmed/ Date Payment Received:		Oct 30, 2020/Oct 29, 2020

Test Result Please Refer To Attached Page(S).

Should you have any query on this report, you may contact at gzfootwear@intertek.com

Authorized By:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch

Guiliang Dong
Senior Lab Manager

Authorized By:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch

Vivian Li
Senior Technical Specialist

EC / fionawgyu

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
深圳天祥质量技术服务有限公司广州分公司
Room 02, 1-8/F. & Room 01, E101/E201/E301/E401/E501/E601/E701/E801, No.7-2, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, Guangdong, China
广州经济技术开发区科学城彩频路 7 号之二第 1－8 层 02 房、01 房 101、E201、E301、E401、E501、E601、E701、E801
Tel: +86 208213 9001 Fax: +86 20 82089909 Postcode: 510663

3/F., Hengyun Building, 235 Kaifa Ave., Guangzhou Economic & Technological Development District, Guangzhou, China
中国广州经济技开发区开发大道 235 号恒运大厦 3 楼
Tel: +86 20 83966868 Fax: +86 20 82228169 Postcode: 510730

Tests Conducted (As Requested By The Applicant)

1 Glove Design And Construction - General (BS EN ISO 21420:2020 / ISO 21420:2020, 4.1)

Requirement	Yes	No	N/A
The Protective Glove Shall Be Designed And Manufactured So That In The Foreseeable Conditions Of Use, The Wearer Can Perform The Activity As Normally As Possible With An Appropriate Protection. This Document Along With The Appropriate Specific Standards Shall Be Used To Verify This Adequation.	X		
If Required In The Relevant Specific Standard (For Example ISO 16073:2011, 5.7.3), The Glove Shall Be Designed To Minimize The Donning And Doffing Time.	X		
For Reusable Multilayer Gloves, The Gloves Shall Be Able To Doffed Without Separation Of The Layers Of The Fingers. When The Glove Construction Includes Seams, The Material And Strength Of The Seams Shall Be Such That The Overall Performance Of The Glove Is Not Significantly Decreased As Required In The Relevant Specific Standards.	X		

2 Glove Length (BS EN ISO 21420:2020 / ISO 21420:2020, 6.1)

Size 10.5"
Specimen 1 Glove Length: 274 mm
Specimen 2 Glove Length: 270 mm
Specimen 3 Glove Length: 272 mm

3 Dexterity (BS EN ISO 21420:2020 / ISO 21420:2020, 6.2)

	The Smallest Diameter Of Pin Picked Up
Specimen 1(Left Hand):	6.5 mm
Specimen 2(Right Hand):	6.5 mm
Specimen 3(Left Hand):	6.5 mm
Specimen 4(Right Hand):	6.5 mm
Performance Level:	4 (*)

Remark: * = The Classification Is Determined By The Smallest Diameter Of Pin Picked Up Of The Four Test Specimens.

Remark:

Level Of Performance	Smallest Diameter Of Pin Fulfilling Test Conditions
Level 1	11 mm
Level 2	9.5 mm
Level 3	8 mm
Level 4	6.5 mm
Level 5	5 mm

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
深圳天祥质量技术服务有限公司广州分公司
Room 02, 1-8/F. & Room 01, E101/E201/E301/E401/E501/E601/E701/E801, No.7-2, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, Guangdong, China
广州经济技术开发区科学城彩频路 7 号之二第 1－8 层 02 房、01 房 101、E201、E301、E401、E501、E601、E701、E801
Tel: +86 208213 9001 Fax: +86 20 82089909 Postcode: 510663
3/F., Hengyun Building, 235 Kaifa Ave., Guangzhou Economic & Technological Development District, Guangzhou, China
中国广州经济技开发区开发大道 235 号恒运大厦 3 楼
Tel: +86 20 83966868 Fax: +86 20 82228169 Postcode: 510730

4 Abrasion Resistance (BS EN 388:2016+A1:2018 / EN 388:2016+A1:2018, 6.1, 9 kPa)

Adhesion Contact Time Of Test Specimen With The Double-Sided Adhesive Tape Under A Weight Of A Approximatley 10 Kg	At Least 5 Min
Surface Treatment Of Test Specimen In Order To Improve Adhesion	No Surface Treatment
Abradant	The Klingspor PL 31 B-Grit 180 Grain Aluminium Oxide
Double-Sided Adhesive Tape	3M™ Double-Sided Adhesive Tape

	Observation	Specimen 1	Specimen 2	Specimen 3	Specimen 4
Layer 1 (Outer)	After 100 Cycles:	No Breakthrough	No Breakthrough	No Breakthrough	No Breakthrough
	After 500 Cycles:	No Breakthrough	No Breakthrough	No Breakthrough	No Breakthrough
	After 2000 Cycles:	No Breakthrough	No Breakthrough	No Breakthrough	No Breakthrough
	After 8000 Cycles:	Breakthrough (#2)	Breakthrough (#3)	No Breakthrough	No Breakthrough

	Observation	Specimen 1	Specimen 2	Specimen 3	Specimen 4
Layer 2 (Inner)	After 100 Cycles:	Breakthrough (#1)	Breakthrough (#1)	Breakthrough (#1)	Breakthrough

	Specimen 1	Specimen 2	Specimen 3	Specimen 4
The Sum Of The Numbers Of Cycles For All Layers:	2000	2000	8000	8000

Performance Level: 3 (*)

Remark:
The Minimum Requirements For Each Level:
Level 1: 100 Cycles
Level 2: 500 Cycles
Level 3: 2000 Cycles
Level 4: 8000 Cycles

* = The Classification Is Based On The Sum Of The Numbers Of Cycles For All Layers.

#1= Breakthrough Occurred Before 80 Cycles
#2= Breakthrough Occurred Before 5600 Cycles
#3= Breakthrough Occurred Before 7000 Cycles

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
深圳天祥质量技术服务有限公司广州分公司
Room 02, 1-8/F. & Room 01, E101/E201/E301/E401/E501/E601/E701/E801, No.7-2, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, Guangdong, China
广州经济技术开发区科学城彩频路 7 号之二第 1－8 层 02 房、01 房 101、E201、E301、E401、E501、E601、E701、E801
Tel: +86 208213 9001 Fax: +86 20 82089909 Postcode: 510663

3/F., Hengyun Building, 235 Kaifa Ave., Guangzhou Economic & Technological Development District, Guangzhou, China
中国广州经济技开发区开发大道 235 号恒运大厦 3 楼
Tel: +86 20 83966868 Fax: +86 20 82228169 Postcode: 510730

5 Blade Cut Resistance (BS EN 388:2016+A1:2018 / EN 388:2016+A1:2018, 6.2)

Specimen 1				
Sequence	Control Specimen C_n	Test Specimen T_n	Control Specimen C_{n+1}	Cut Index I_n
1	1.0	0.6	1.0	1.6
2	1.0	0.6	1.2	1.5
3	1.2	0.7	1.3	1.6
4	1.3	0.7	1.3	1.5
5	1.3	0.7	1.4	1.5
Average	-	-	-	1.5
Specimen 2				
Sequence	Control Specimen C_n	Test Specimen T_n	Control Specimen C_{n+1}	Cut Index I_n
1	0.8	0.6	0.8	1.8
2	0.8	0.6	1.3	1.6
3	1.3	0.7	1.3	1.5
4	1.3	0.7	1.4	1.5
5	1.4	0.7	1.5	1.5
Average	-	-	-	1.6
The Lowest Average Index Of Two Specimens			1.5	
Performance Level (*)			1	

Remark:
The Minimum Requirements For Each Level:
Level 1: 1.2
Level 2: 2.5
Level 3: 5.0
Level 4: 10.0
Level 5: 20.0

* = The Performance Level Is Defined As The Lowest Average Index Values Of Two Test Specimens From The Different Gloves.

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
深圳天祥质量技术服务有限公司广州分公司
Room 02, 1-8/F. & Room 01, E101/E201/E301/E401/E501/E601/E701/E801, No.7-2, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, Guangdong, China
广州经济技术开发区科学城彩频路 7 号之二第 1－8 层 02 房、01 房 101、E201、E301、E401、E501、E601、E701、E801
Tel: +86 208213 9001 Fax: +86 20 82089909 Postcode: 510663
3/F., Hengyun Building, 235 Kaifa Ave., Guangzhou Economic & Technological Development District, Guangzhou, China
中国广州经济技术开发区开发大道 235 号恒运大厦 3 楼
Tel: +86 20 83966868 Fax: +86 20 82228169 Postcode: 510730

6 Resistance To Cutting By Sharp Objects (BS EN 388:2016+A1:2018 / EN 388:2016+A1:2018, 6.3 & EN ISO 13997:1999)

Test Condition:	Temperature (20±2)℃; Relative Humidity (65±4)%
Test Area:	Glove Palm
Blade Sharpness Correction Factor (s):	0.90

Result:

Normalized Cutting Stroke Length:	-
Cutting Force (*):	NA (#1)
Performance Level (*1):	-

Remark: * = Calculated Force That Would Be Required To Be Applied To A Blade Of Standard Sharpness To Just Cut Through A Material In A Blade Stroke Of Length 20 mm.
*1 = Levels Of Performance For Materials Tested With EN ISO 13997
NA = Test Not Performed
#1 = In Blade Cut Resistance Test, Test Specimens Did Not Dulled The Blade To Specified Degree. There Is No Need To Be Performed The EN ISO 13997:1999 Cut Resistance Method.

	Level A	Level B	Level C	Level D	Level E	Level F
6.3 TDM: Cut Resistance (N)	2	5	10	15	22	30

7 Tear Resistance (BS EN 388:2016+A1:2018 / EN 388:2016+A1:2018, 6.4)

	Layer 1 (Outer)	Layer 2 (Inner)	Result (The Max. Force Of All Layers)
Specimen 1:	38 N	27 N	38 N
Specimen 2:	36 N	22 N	36 N
Specimen 3:	50 N	16 N	50 N
Specimen 4:	29 N	22 N	29 N
Performance Level:	2 (*)		

Remark:
The Minimum Requirements For Each Level:
Level 1: 10 N
Level 2: 25 N
Level 3: 50 N
Level 4: 75 N

* = The Classification Is Determined By Taking The Lowest Of The Four Values (Which Are The Highest Values Obtained On All Layers).

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
深圳天祥质量技术服务有限公司广州分公司
Room 02, 1-8/F. & Room 01, E101/E201/E301/E401/E501/E601/E701/E801, No.7-2, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, Guangdong, China
广州经济技术开发区科学城彩频路 7 号之二第 1－8 层 02 房、01 房 101、E201、E301、E401、E501、E601、E701、E801
Tel: +86 208213 9001 Fax: +86 20 82089909 Postcode: 510663
3/F., Hengyun Building, 235 Kaifa Ave., Guangzhou Economic & Technological Development District, Guangzhou, China
中国广州经济技开发区开发大道 235 号恒运大厦 3 楼
Tel: +86 20 83966868 Fax: +86 20 82228169 Postcode: 510730

8 Puncture Resistance (BS EN 388:2016+A1:2018 / EN 388:2016+A1:2018, 6.5)

Specimen 1:	176 N
Specimen 2:	140 N
Specimen 3:	92 N
Specimen 4:	133 N
Performance Level:	2 (*)

Remark:
Level 1: 20 N
Level 2: 60 N
Level 3: 100 N
Level 4: 150 N

Remark: * = The Classification Is Determined By The Lowest Value Of The Four Test Specimens.

9 pH Value

AS Per BS EN ISO 21420:2020, 4.2, With Reference To BS EN ISO 3071:2020 For Textile, Potassium Chloride (KCl) Solution Extracted, pH Value Was Measured By pH Meter.

As Per BS EN ISO 21420:2020, 4.2, With Reference To EN ISO 4045:2018 For Leather, pH Value Was Measured By pH Meter.

Tested Components	Results	Requirement
(1)	**3.20#**	*
(2)	6.8	*
(3)	7.5	*
(4)	6.3	*
(5)	9.4	*

Temperature Of The Extracting Solution: 23.5℃
pH Of The Extracting Solution: 5.89
 # = Failed Item

Remark: * = The pH Value Shall Be Greater Than 3.5 And Less Than 9.5 And For Method EN ISO 4045:2018 The Difference Figure Do Not Need To Test.

Tested Components: Please See Component List In The Last Section Of This Report.

Conclusion:

Standard	Result
BS EN ISO 21420:2020 For pH Value	**Fail**

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
深圳天祥质量技术服务有限公司广州分公司
Room 02, 1-8/F. & Room 01, E101/E201/E301/E401/E501/E601/E701/E801, No.7-2, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, Guangdong, China
广州经济技术开发区科学城彩频路 7 号之二第 1－8 层 02 房、01 房 101、E201、E301、E401、E501、E601、E701、E801
Tel: +86 208213 9001 Fax: +86 20 82089909 Postcode: 510663
3/F., Hengyun Building, 235 Kaifa Ave., Guangzhou Economic & Technological Development District, Guangzhou, China
中国广州经济技开发区开发大道 235 号恒运大厦 3 楼
Tel: +86 20 83966868 Fax: +86 20 82228169 Postcode: 510730

Tests Conducted (As Requested By The Applicant)

10 Azo Colourants Content

With Reference To Test Method: Textile Method (ISO 14362-1:2017)
Leather Method (ISO 17234-1:2015)
P-Aminoazobenzene (ISO 17234-2:2011)

Amines Content Was Determined By Gas Chromatography-Mass Spectrometry (GC-MS)

	Forbidden Amine	CAS No.	Result (mg/kg)		
			Method T	Method D	Method L
			(2)	(2)	(1)
1.	4-Aminodiphenyl	92-67-1	< 5	< 5	< 5
2.	Benzidine	92-87-5	< 5	< 5	< 5
3.	4-Chloro-o-toluidine	95-69-2	< 5	< 5	< 5
4.	2-Naphthylamine	91-59-8	< 5	< 5	< 5
5.	o-Aminoazotoluene	97-56-3	< 5	< 5	< 5
6.	2-Amino-4-nitrotoluene	99-55-8	< 5	< 5	< 5
7.	p-Chloroaniline	106-47-8	< 5	< 5	< 5
8.	2,4-Diaminoanisole	615-05-4	< 5	< 5	< 5
9.	4,4'-Diaminodiphenylmethane	101-77-9	< 5	< 5	< 5
10.	3,3'-Dichlorobenzidine	91-94-1	< 5	< 5	< 5
11.	3,3'-Dimethoxybenzidine	119-90-4	< 5	< 5	< 5
12.	3,3'-Dimethylbenzidine	119-93-7	< 5	< 5	< 5
13.	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	< 5	< 5	< 5
14.	p-Cresidine	120-71-8	< 5	< 5	< 5
15.	4,4'-Methylene-bis(2-chloroaniline)	101-14-4	< 5	< 5	< 5
16.	4,4'-Oxydianiline	101-80-4	< 5	< 5	< 5
17.	4,4'-Thiodianiline	139-65-1	< 5	< 5	< 5
18.	o-Toluidine	95-53-4	< 5	< 5	< 5
19.	2,4-Toluylenediamine	95-80-7	< 5	< 5	< 5
20.	2,4,5-Trimethylaniline	137-17-7	< 5	< 5	< 5
21.	o-Anisidine	90-04-0	< 5	< 5	< 5
22.	4-Aminoazobenzene	60-09-3	< 5	< 5	< 5

Remark: Requirement = 30 mg/kg
Reporting Limit = 5 mg/kg

Method T: Direct Buffer Extraction As Per ISO 14362-1:2017 Section 10.2
Method D: Colourant Extraction With Xylene As Per ISO 14362-1:2017 Section 10.1
Method L: ISO 17234-1:2015

Tested Components: Please See Component List In The Last Section Of This Report.

Conclusion:

Standard	Result
BS EN ISO 21420:2020 Protective Gloves - General Requirements And Test Methods - Azo Colourants Content	Pass

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
深圳天祥质量技术服务有限公司广州分公司
Room 02, 1-8/F. & Room 01, E101/E201/E301/E401/E501/E601/E701/E801, No.7-2, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, Guangdong, China
广州经济技术开发区科学城彩频路 7 号之二第 1－8 层 02 房、01 房 101、E201、E301、E401、E501、E601、E701、E801
Tel: +86 208213 9001 Fax: +86 20 82089909 Postcode: 510663
3/F., Hengyun Building, 235 Kaifa Ave., Guangzhou Economic & Technological Development District, Guangzhou, China
中国广州经济技术开发区开发大道 235 号恒运大厦 3 楼
Tel: +86 20 83966868 Fax: +86 20 82228169 Postcode: 510730

11 Chromium (Vi)(Cr(Vi)) Content

As Per BS EN ISO 21420:2020, 4.2, With Reference To ISO 17075-1:2017, The Hexavalent Chromium Content Was Determined By UV-Visible Spectrophotometry.

Tested Component	Result (mg/kg)	Requirement
(1)	ND	ND (< 3 mg/kg)

Remark: Detection Limit = 3 mg/kg
ND = Not Detected
mg/kg = milligram per kilogram

Tested Component: Please See Component List In The Last Section Of This Report.

Conclusion:

Standard	Result
BS EN ISO 21420:2020 For Chromium (Vi) Content	Pass

Component List:
(1) Light Green Pig Leather (Palm Of Glove)
(2) Beige T/C Cotton (Back Of Glove)
(3) White Fabric (Lining Of Glove)
(4) White Elastic (Lining Of Glove)
(5) White Woven (Binding Of Glove)

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
深圳天祥质量技术服务有限公司广州分公司
Room 02, 1-8/F. & Room 01, E101/E201/E301/E401/E501/E601/E701/E801, No.7-2, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, Guangdong, China
广州经济技术开发区科学城彩频路 7 号之二第 1－8 层 02 房、01 房 101、E201、E301、E401、E501、E601、E701、E801
Tel: +86 208213 9001 Fax: +86 20 82089909 Postcode: 510663

3/F., Hengyun Building, 235 Kaifa Ave., Guangzhou Economic & Technological Development District, Guangzhou, China
中国广州经济技开发区开发大道 235 号恒运大厦 3 楼
Tel: +86 20 83966868 Fax: +86 20 82228169 Postcode: 510730

End Of Report

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
深圳天祥质量技术服务有限公司广州分公司
Room 02, 1-8/F. & Room 01, E101/E201/E301/E401/E501/E601/E701/E801, No.7-2, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, Guangdong, China
广州经济技术开发区科学城彩频路 7 号之二第 1－8 层 02 房、01 房 101、E201、E301、E401、E501、E601、E701、E801
Tel: +86 208213 9001 Fax: +86 20 82089909 Postcode: 510663

3/F., Hengyun Building, 235 Kaifa Ave., Guangzhou Economic & Technological Development District, Guangzhou, China
中国广州经济技开发区开发大道 235 号恒运大厦 3 楼
Tel: +86 20 83966868 Fax: +86 20 82228169 Postcode: 510730