## 財團法人紡織產業綜合研究所 Taiwan Textile Research Institute





## TEST REPORT TUCHENG

Date: Mar. 03, 2020 Date of Receipt: Feb. 27, 2020

Report No.: TF902591 Quantity: 1PC Page Order/Pages. Page No.: No.: NIL

Report Title: Globaltec Resources Group Ltd.(U0087)

Item: Protective Clothing

Address: 11f-7, No. 111, Sec. 2, Nanjing East Road, Taipei 10485, Taiwan

Test Items		Test Results	Test Methods
Water Resistance Hydrostatic Pressure Test (cmH2O)		323.3	CNS 14798 T5019-2004 5.7 CNS 10460 L3201-2007 5.1 A2 The rate of water pressure:60± 3cmH2O/min
Bursting Strength (Kpa)		372.3	CNS 14798 T5019-2004 5.3 CNS 12915 L3233-2010 6.16.1 Mullen type
Breaking Strength	Length wise	91.5	CNS 14798 T5019-2004 5.2
(N)	Width wise	133.6	CNS 12915 L3233-2010 6.12.1(2) Grab Method Speed:30± 1cm/min,CRE
Tearing Strength	Length wise	24.7	CNS 14798 T5019-2004 5.5
(N)	Width wise	44.4	CNS 12915 L3233-2010 6.15.4 Trapezoid Method Speed:20± lcm/min,CRE
Seam Strength (N)	7	*90.7	CNS 14798 T5019-2004 5.4 CNS 8150 L3142-1981 6.1 Speed:30± 1cm/min,CRE
Water Resistance Impact Penentration 7 (g)	Test	0	CNS 14798 T5019-2004 5.8 CNS 14801 T4042-2004 Environmental Condition: 25°C,50%RH
Moisture Permeability (g/m · 24hrs)		9337	CNS 14798 T5019-2004 5.6 CNS 12222 L3233-2009 5.1.1 (CaCl2)40°C X90% RH

Note: "\*"Fabric rupture occurred during the testing therefore the data are just for reference.

Note: Sample description is given by the client: PRO-TEX 7050+

Note: As the remaining sample was asked to return along with the test report, re-testing would not be possible.

Note: The test report is the test results issued by the testing institution as requested by the consignor, it shall not determine the legitimacy of the product.

Note: 1. This report is only responsible for the submitted sample(s), which will be kept for one month period.

- 2. This report cannot be reproduced in any way, except in full context, without the prior approval in writing of this Department of Testing and Certification.
- The test report should not be used for public advertisement and commercial promotion.

Authorized by president of Taiwan Textile Research Institute

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## TEST REPORT TUCHENG

Date: Mar. 03, 2020 Date of Receipt: Feb. 27, 2020

Report No.: TF902591 Quantity: 4PC Page Order/Pages. P2/2) Ref. No.: NIL

Report Title: Globaltec Resources Group Ltd. (U0087)

Item: Protective Clothing

Address: 11f-7, No. 111, Sec. 2, Nanjing East Road, Taipei 10485, Taiwan

Test Items		Test Results				Test Methods
		A	В	С	D	- Test Methods
Solid Aerosol Filtration	Point 1	99.79	99.99	99.992	99.90	CNS 14798 T5019-2004
Efficiency(%)	Point 2	99.91	99.99	99.993	99.90	5.11
$(0.075 \mu\mathrm{m}\mathrm{NaCl},\mathrm{CMD})$	Point 3	99.97	99.993	99.992	99.94	Flow rate:32.1
	Point 4	99.98	99.993	99.994	99.93	(Liter/min)
	Point 5	99.993	99.99	99.92	99.92	
	Point B	99.59	98.95	98.50	99.24	
	Point C	99.992	99.993	99.91	99.92	

Note: The test report is the test results issued by the testing institution as requested by the consignor.

Regarding to the legitimacy of the product, it shall be determined by the authorities according to the law.

Notel:POINT(1)SIDE SEAM BETWEEN THE BODY AND SLEEVES

POINT(2)SIDE SEAM OF THE SLEEVES

POINT(3)SIDE SEAM OF THE PANTS

POINT(4)FORNT CHEST

POINT(5)FRONT LEG

POINT(B)ZIPPER GODET

POINT(C)BACK SEAM OF THE BODY

Note2: 1.IF THE POSITION 1.WITHOUT ANY SEAM LINE, SELECT THE POSITION A TO BE TESTED (SEAM LINE BETWEEN THE CAP AND BODY).

- 2.IF THE POSITION 2.AND 3.WITHOUT ANY SEAM LINE. THERE STILL BE TESTED.
- 3.IF THE PROTECTIVE CLOTHING WITH ZIPPER, THE SEAM LINE OF GODER POSITION SHOULD BE TESTED.
- 4. IF THERE ARE SEAM LINES IN THE BACK OF PROTECTIVE CLOTHING, THE POSITION SHOULD BE TESTED.

Note: Sample description is given by the client: PRO-TEX 7050+

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