

Test Report

Test Owner name / address UNIVERSAL CERTIFICATION and SURVEILLANCE SERVICES TRADE CO.
Necip Fazil Bulvari Keyap Sitesi E2 Blok No:44/84 Yukari Dudullu Umraniye, Istanbul /
TURKEY

Manufacturer name/address NARKONTEKS TEKSTİL İHR.İTH.SAN. VE TİC. A.Ş.

Name and identity of the test item Protective Clothes

The date of receipt of the test item 30.06.2020

Brand name – model -

Date of the test 02.07.2020

Sample Number GTTS-0045-1, GTTS-0045-2, GTTS-0045-3

Number of pages of the report 8

GCNTR ULUS.BELG.GÖZ.EĞT.VE DIŞ.TİC.LTD.ŞTİ accredited by TÜRKAK under registration number AB-1272-T for EN ISO17025 as test laboratory".

The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

Date/Seal
10.07.2020



Head of Testing Laboratory
Sebahattin ÇAY



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1. Documentation

1.1 Description of the EUT

All samples tested

Test samples subject to the test

Product Name	Samples No	Sample Size	Type	Application Tests
Protective Clothing	GTTS-0045-1	Large	Type 6	Pre-exercise Test- Spray Test
Protective Clothing	GTTS-0045-2	Large	Type 6	Pre-exercise Test- Spray Test
Protective Clothing	GTTS-0045-3	Large	Type 6	Pre-exercise Test-Spray Test

1.2 Environmental Condition, Symbol Definitions

- Test case does not apply to the test object: N/A
- Test object meets the requirement.....: P (Pass)
- Test object does not meet the requirement.... : F (Fail)
- Environmental Conditions: °C , % RH, m/s

1.3 Test Standards

EN 13034+A1:2011 Protective clothing against liquid chemicals – Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals (Type 6 and Type PB [6] equipment).



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2. Test Result

Clause	Requirement	Result – Remark	Verdict
4.3.2	Pre-Conditioning		
	Prior to testing, the chemical protective clothing shall be cleaned, if the manufacturer's instructions indicate that cleaning is allowed. Manufacturer's instructions with regard to number of cleaning cycles, cleaning procedures and possible reapplication of treatments shall be observed. If no maximum number of cleaning cycles is indicated, the clothing shall undergo five cleaning cycles.	Protective clothing are, it's was come in the form of plastic packing by the company. For this reason, no additional cleaning was performed with the suggestion of the company.	PASS
4.3.3	Conditioning		
	All chemical protective clothing shall be conditioned for at least 24 h at the same conditions as used for the test.	All products are conditioned at 24 C° 50% Rh values for 24 hours.	PASS
4.3.4	Resistance to the penetration of liquits		
4.3.4.1	General and Pre-test		
	Pre-Test	In the exercise test deformations were seen in the sample M size. Deformation details is given in the figure 1.	PASS
4.3.4.2	Resistance to the penetration of liquits (SprayTest)	Type 6	
EN ISO 17491-4 Article 9	Remove respirator and gloves first before opening the test garment. Remove the chemical protective clothing carefully in order to avoid contamination of the absorbent overall and examine the internal surface of the test garment for signs of penetration, paying special attention to openings, seams, closures and zippers. Mark them.	Three test clothes were dressed tested together with the white absorbent underwear. Region passing of liquid are given in figure 1.	PASS
Clouse 4.3.3.2 (Continued)	Any underwear, of each garment suit The total stain area on it should not be more than three times the calibrated total stain area.	Calibration stain area: measured as 4.56 cm ² . sum of stains on the inner white garment are given in table 2	PASS



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Table 1

Clause	Requirement	Pre-Experiment		Liquid Experiment 1		Liquid Experiment 2		Liquid Experiment 3	
		PASS	FAİL	PASS	FAİL	PASS	FAİL	PASS	FAİL
	Starting from a standing position in each case, carry out the following movement sequence:								
Movement 1	Kneel on both knees, lean forward and place both hands on the floor (45 ± 5) cm in front of the knees; crawl forward and backwards on hands and knees for a distance of three metres in each direction;	✓		✓		✓		✓	
Movement 2	Climb a vertical ladder at least four steps, rungs to be as encountered on a typical ladder;	✓		✓		✓		✓	
Movement 3	Position hands at chest level, palms out; reach directly overhead, interlock thumbs, extend arms fully upwards;	✓		✓		✓		✓	
Movement 4	Kneel on right knee, place left foot on floor with left knee bent (90 ± 10) ⁰ ; touch thumb of right hand to toe of left shoe. Repeat movement with alternate posture, i.e. by kneeling on left knee and placing the right foot on the floor with knee bent at 90 ⁰ .	✓		✓		✓		✓	
Movement 5	Extend arms fully in front of body, lock thumbs together, twist upper body (90 ± 10) ⁰ left and right;	✓		✓		✓		✓	
Movement 6	Stand with feet shoulder width apart, arms at side; raise arms until they are parallel to the floor in front of the body; squat down as far as possible;	✓		✓		✓		✓	
Movement 7	Kneel as in movement 4, left arm hanging loosely at side; raise arm fully overhead. Repeat movement with alternate posture by alternating arms.	✓		✓		✓		✓	



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Pre-experiment 1	i.Ç Height: 180 cm Weight: 65 kg
Liquid Experiment 1	i.Ç
Liquid Experiment 2	i.Ç
Liquid Experiment 3	i.Ç

Table 2

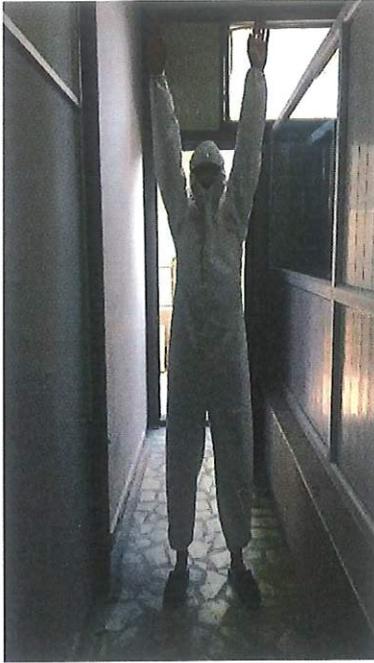
SPREY EXPERIENCE						
	UPPER BODY			LOWER BODDY		SUM
	Chest (cm ²)	Shoulder (cm ²)	Back (cm ²)	Front (cm ²)	Back (cm ²)	
GTTS-0042						
Sample 1	-	3	-	2,5	1,3	6,8
Sample 2	-	2,5	-	2,8	0,8	6,1
Sample 3	-	2	-	3,8	1	6,8



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3. Attachments

3.1 Photos of EUT



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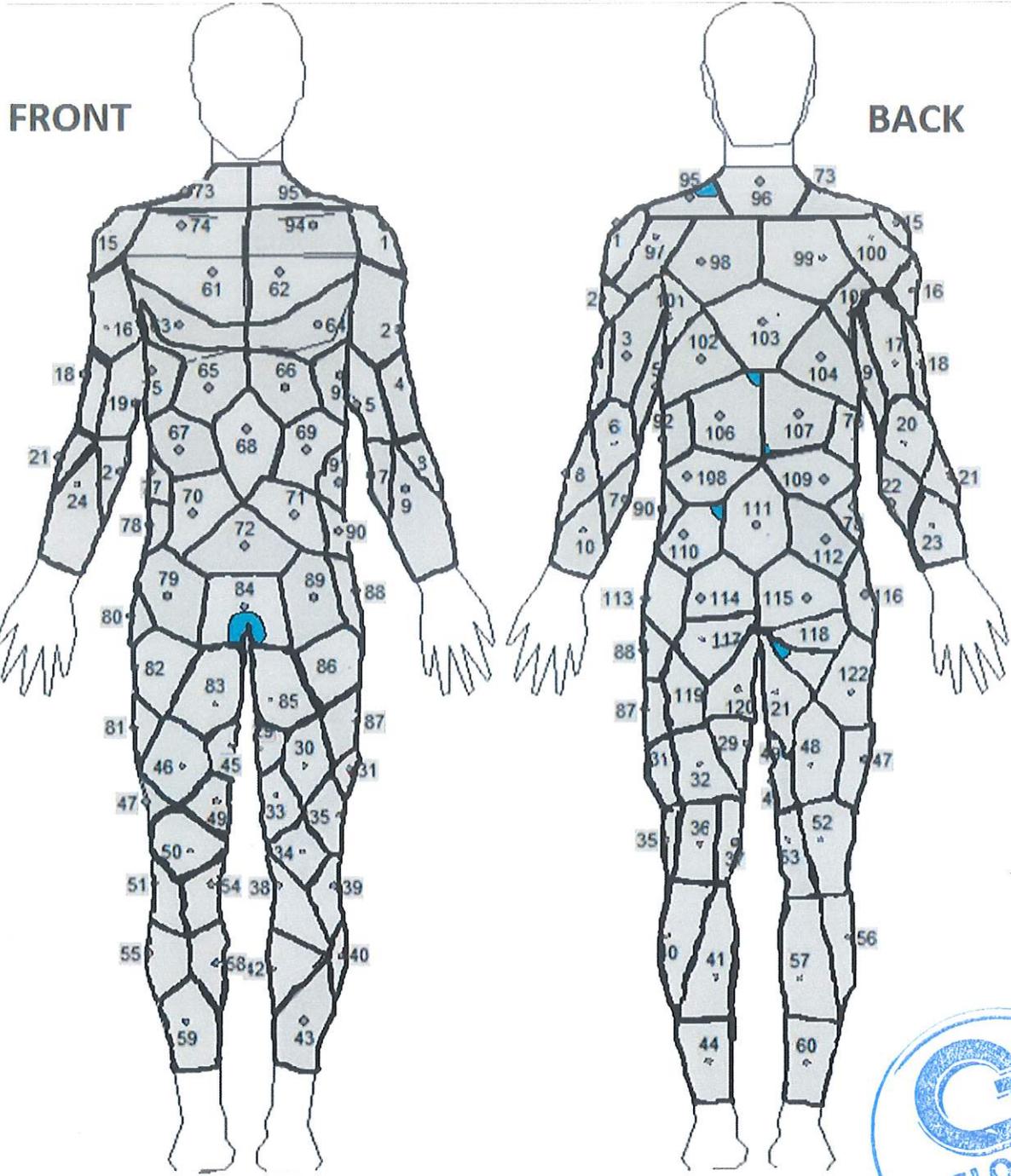


Figure 1 Region passing liquid



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