

**GENERAL DATA****Division :** Body Protection**Family :** Professional Clothing**Range :** Workwear**Line :** High Visibility Clothing**Brand formerly known as :** Technical WorkWear by Bacou-Dalloz**Business Countries**

EMEA

Middle East

Activity Domains :

Building and Construction • Green Spaces • Logistics • Maintenance • Services • Telecoms • Transportation • Utilities • Industry • Administration

Product Use :

High-visibility, cold, rain and wind protection

Should be used for outdoor activities especially on low visibility environments

PRODUCT ADVANTAGES**Feature :**

Waterproof and warm parka

Benefit :

For a complete foul weather protection and a good thermal and cold insulation

Feature :

Functional pockets

Benefit :

For storage and added convenience

Feature :

Black yokes on shoulders and garment base

Benefit :

Added protection against dirty stains

Feature :

Straight wrist on knit cuffs+drawcord on waist and garment base

Benefit :

For added comfort

TECHNICAL DESCRIPTION

Description :

High Visibility Parka, waterproof? windproof and warm parka

5 pockets: 2 low front pockets with press stud fastenings+2 top chest pockets with flap and press studs fastening
Vertical and arm retro reflective strips
Reinforced shoulders in black polyamide
Adjustable attached hood stored in the collar
Straight sleeves on knit cuffs
Drawcord on waist and garment base

Sexe :

Male

Size :

S, M, L, XL, XXL, XXXL.

Color :

Fluo Yellow/Black

Option: Fluo orange/Black

Composition :

Outshell: Oxford polyester with PU coating

On shoulders, polyamide yokes with PU coating

Inshell:

Mesh lining:100% polyester taffeta

Padding:100% polyester

ADDITIONAL INFORMATION

Storage Information :

Apparel must be stocked in their original packaging and on a controlled storage area

Care Instruction :

Cool wash and rinse at 30°C

Chlorine forbidden

Softener forbidden

Dry clean forbidden

Tumble dry forbidden

CERTIFICATION AND CONFORMITY

European Directives :

89/686/EEC

EC Category PPE* : Category III

Standards :

EN471

Quality Assurance :

ISO 9001 / 2000

Laboratory :

SATRA

*PPE : Personal Protective Equipment

EC CONFORMITY DECLARATION

The manufacturer or its legal representative supplier settled in the European Community:

Sperian Protection Europe

Declares that the next Personal Protective Equipment described here after is in conformity with the provisions of Council Directive 89/686/CEE:

Designation: BOREALIS parka EN471 C13

Reference: 4162057

Standard(s): EN471

This PPE is the object of the above EC attestation type:

Delivered by:

SATRA

Rockingham Road

Kettering

NN16 9JH NORTHANTS

United Kingdom

Made at Roissy, **on the** 09/07/2007

By: Magali Chabaud

Division: Body Protection



Firm: Ox'Bridge
15, rue Beranger
75003 Paris
FRANCE

For the attention of: Mr Zheng Cheng

Technical Services Report

Subject: DESIGN ASSESSMENT OF JACKETS
REFERENCED "4162057" AND "4162067"
IN ACCORDANCE WITH EN 471: 2003

Firm: Ox'Bridge
Our ref: 59196/0518/SPC-0/3/ACS/JP Issue 2
Your ref:
Date: 22nd June 2005

Conditions of Issue:

This report may be forwarded to other parties concerned provided that it is not abbreviated or changed in any way. It must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only and are not part of the reported results. All comments and interpretations are outside the scope of UKAS accreditation and are based on current SATRA knowledge.

A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested. SATRA shall not be liable for any subsequent loss or damage incurred by the client as a result of information supplied in the report.

Tests marked † are not UKAS accredited.

INTRODUCTION

High visibility jackets referenced “4162057” and “4162067” of a common design with yellow or orange background material colour were received by SATRA on 5th May 2005, for testing in accordance with EN 471: 2003 Clause 4 – Design Assessment. Testing was carried out on 19th May 2005.

TEST RESULTS

EN 471: 2003	EN 471: 2003 REQUIREMENTS				TEST RESULTS			PASS/ FAIL
	Performance class of garment	3	2	1	B'grd (m ²)	Ref'ive (m ²)	Perf. Class	
4.1 Types & Classes Minimum areas of visible material	Background material (m ²)	0.8	0.5	0.14	1.00	0.30	3	PASS
	Retroreflective material (m ²)	0.2	0.13	0.10				
	Combined Performance material (m ²)	-	-	0.20				
	The proportion of the required background material shall be 50% ± 10% on the front and backside of the garment.							
				Proportion of background material on the backside of garment: 51 %			PASS	
4.2.1 Background material coverage	The background material shall encircle the torso, and where applicable the sleeves & trouser legs.				Material encircles the torso and sleeves horizontally			PASS
4.2.2 Width of retroreflective bands	Retroreflective tape must be wider than 50mm (30mm for harnesses)				Width of harness bands: N/A			N/A
					Width of other bands: 52mm			PASS
4.2.3 b) Jackets, waistcoats, and tabards position of retroreflective bands OPTION 2	b) Jackets, waistcoats, shirts, coats and tabards can have two bands with a maximum inclination of ± 20° (to the horizontal) at least 50mm apart around the torso, and bands of tape joining the upper torso band front to back over each shoulder. The bottom band must be positioned no less than 50mm from the bottom edge of the garment.				Number of bands: 2			PASS
					Distance between bands: 270mm			PASS
					Shoulder bands joining torso bands front to back			PASS
					Distance between bottom edge of garment to lower edge of tape: 59mm			PASS
					Maximum inclination: 0°			PASS

Technical Services Report

EN 471: 2003	EN 471: 2003 REQUIREMENTS	TEST RESULTS	PASS/FAIL
4.2.4 Garments with full length sleeves; position of retroreflective bands.	Coveralls, jackets, and coats with full length sleeves shall be encircled with two armbands not less than 50mm apart. The lower edge of the bottom band must be positioned no less than 50mm from the bottom edge of the garment.	Number of bands: 2 Distance between bottom edge of sleeve to lower edge of tape: 59 mm	PASS PASS
4.2.8 Gaps at Fastenings	Any gaps (to enable fastening or fixation of seams) in the lengthwise continuity of each band shall be less than 50mm, measured parallel to the direction of the band, and the total of such gaps shall be less than 100mm in any one band around the torso and 50mm around sleeves and legs.	No gaps present	PASS

CONCLUSIONS

When tested in accordance with EN 471: 2003, the high visibility jackets referenced "4162057" and "4162067" received by SATRA on 5th May 2005 were tested in accordance with EN 471: 2003 Design Assessment and achieved the following results:

Sample Reference	Comments / Overall Results
Jacket "4162057"	PASS, Class 3
Jacket "4162067"	PASS, Class 3

***** END OF REPORT *****