

# TECHNICAL REPORT FOR EU TYPE-EXAMINATION CERTIFICATE of Personal Protective Equipment (PPE)

EU TYPE EXAMINATION No.:

UE-000906/00

APPLICATION DATE:

29/08/2024

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APPLICANT:

RESTYLE WEAR B.V.  
Oosteinderweg 127 A + B, 1432AH, Aalsmeer  
THE NETHERLANDS

PPE TYPE:

PROTECTIVE CLOTHING FOR MOTORCYCLE RIDERS: JACKET AND  
TROUSER

REFERENCE (PPE):

CE-DYNATEC III JACKET & TROUSER

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ANNEX. - EU Type-Examination Certificate

## 1. PPE IDENTIFICATION

### 1.1 Description and photograph

Motorcycle textile and leather jacket and trouser composed of Outer shell: Cordura Polyester/ Lining: Internal mesh. It is produced in black or grey. It presents shoulder, elbow, back, hip and knee protectors.

CE-DYNATEC III JACKET & TROUSER



## 1.2 Description of the components

Description of the components provided by the customer:

SER	ART CODES	COLORS	DESCRIPTION	FUNCTION	SUPPLIER
1	RES-01-10-009	Black	Cordura	MAIN BODY	<u>Texland</u>
2	<b>RES-01-10-010</b>	<b>Blue</b>	<b>Cordura</b>	<b>MAIN BODY</b>	<b><u>Texland</u></b>
3	RES-01-10-012	Grey	Cordura	MAIN BODY	<u>Texland</u>
4	RES-01-10-013	<u>Flourecent</u>	Cordura	MAIN BODY	<u>Texland</u>
5	RES-01-10-014	Pink	Cordura	MAIN BODY	<u>Texland</u>
6	RES-01-10-015	White	Cordura	MAIN BODY	<u>Texland</u>
7	RES-01-10-019	Black	Hard Mesh F3	FRONT & BACK VENT POCEKT + ARM INSIDE	Bajwa Trader
8	<b>RES-01-10-020</b>	<b>Blue</b>	<b>Hard Mesh F3</b>	<b>FRONT &amp; BACK VENT POCEKT + ARM INSIDE</b>	<b>Bajwa Trader</b>
9	RES-01-10-021	Black	Micro plane Fabric	inside collar	Reliance
10	RES-01-10-024	Silver	REFLECTOR	BODY DIFFERENT POSITION	Reliance
11	RES-01-10-025	Black	<u>Neoprean</u>	inside collar	Reliance
12	RES-01-10-026	Black	Mesh Lining	UNDER ARM VENT	Reliance
13	RES-01-10-027	Yellow Florescent	Mesh Lining		Reliance
14	RES-01-10-028	Black	Matt Fabric	Knee Pannel	Reliance
15	RES-01-10-029	Black	Dynatec Fabric	Knee Pannel	Reliance
16	RES-01-10-030	Black	<u>Fomi Mesh</u>	Pocket	Reliance
17	RES-01-10-033	Black	<u>Velcro Loop</u>	WAIST ASJUSTMENT	Reliance
18	RES-01-10-035	Black	Foam Sheet	BACK waistband	Reliance
19	RES-01-10-036	Black	<u>Teffta Fabric</u>	BACK BODY BOX POCKET	Reliance
20	RES-01-10-037	Yellow Florescent	<u>Teffta Fabric</u>	BACK BODY BOX POCKET	Reliance
21	RES-01-10-038	Black	QUILT	<u>Thermo Lining</u>	Reliance
22	<b>RES-01-10-039</b>	<b>Silver</b>	<b>QUILT</b>	<b><u>Thermo Lining</u></b>	<b>Reliance</b>
23	RES-01-10-040	Black	4 way Stretch Fabric	Back legs / Front (Pant)	Reliance
24	RES-01-10-041	Black	Reissa	THERMO LINING	Reliance
25	RES-01-10-042	Black	Lycra Fabric	CONNECTION ZIP	Reliance
26	RES-01-10-033	Black	<u>Velcro Loop</u>	WAIST ASJUSTMENT	Reliance

### 1.3 Sizes

The size chart supplied by the manufacturer:

USER'S SIZE CHART\_WOMEN (body measurements)

#### **SIZE CHARTS Men.**

Size	Chest Sizing	Waist Sizing	Hip Sizing	Height
XS	94 -97	71-74	83-86	172-174
S	98-101	76-79	88-81	174-176
M	102-105	81-84	93-96	176-178
L	106-109	86-89	98-101	178-180
XL	110-113	91-94	103-106	180-182
2XL	114-117	96-99	108-111	182-184
3XL	118-121	100 -102	119-122	186-188
4XL	122-125	103-105	119-122	186-188
5XL	126-129	106-108	124-127	188-190
6XL	132-135	109-111	128-131	190-192
7XL	136-139	112-115	132-134	193-196

LONG SIZE			
BODY HEIGHT 137-180 cm	CHEST CIRCUMFERENCE	WAIST CIRCUMFERENCE	HIP CIRCUMFERENCE
XS	70 - 73	59 - 62	80 - 83
S	74-77	63-66	84-87
M	78-81	67-70	88-91
L	82-85	71-74	92-95
XL	86-89	75-78	96-98
XXL	90-93	79-81	99-101
3XL	94-97	82-85	102-104
4XL	98-102	86-91	105-110
5XL	103-107	92-96	111-116
6XL	108-113	97-102	117-121
7XL	114-119	103-108	122-126

### 1.4 Samples given for certification

On 10/09/2024, we received in the laboratory a jacket and trouser in with protectors to test and separate material.

## 2. CERTIFICATION SCOPE

- **EN ISO 13688:2013 and EN ISO 13688:2013/A1:2021** Protective clothing: General requirements
- **EN 17092-3:2020** Protective garments for motorcycle riders – Part 3: Class AA garments – Requirements
  - Risk of fall from motorcycle or another accident.
  - Risk of impact with the riding surface, with the rider's motorcycle, conflicting vehicles and other objects.
  - Risk of abrasion from the riding surface.

## 3. DOCUMENTATION SUBMITTED

Technical documentation, including the next points:

- Complete description of the PPE and of its intended use
- An assessment of the risks against which the PPE is intended to protect
- List of the essential health and safety requirements that are applicable to the PPE
- Design and manufacturing drawings and schemes of the PPE and of its components and explanations
- Reference of the harmonized standards and/or other technical specifications
- Reports on the tests carried out to verify the conformity of the PPE
- A description of the means used by the manufacturer during the production (Module C)
  - Manufacturer's instructions
  - Marking
  - Declaration of conformity

#### 4. CORRESPONDENCE BETWEEN THIS EUROPEAN STANDARD AND ANNEX II OF REGULATION (EU) 2016/425 ON PPE

- **EN ISO 13688:2013 and EN ISO 13688:2013/A1:2021** Protective clothing: General requirements

Essential Health and Safety Requirements, according to Annex II of Regulation (UE) 2016/425	Clause(s) / sub-clause(s) of the standard EN ISO 13688:2013/A1:2021	Result
1.2.1 Absence of risk and other inherent nuisance factors	5.3	Meet <input checked="" type="checkbox"/>
		Not meet <input type="checkbox"/>
		Not applicable <input type="checkbox"/>
1.2.1.1 Suitable constituent materials	4.2	Meet <input checked="" type="checkbox"/>
		Not meet <input type="checkbox"/>
		Not applicable <input type="checkbox"/>
1.2.1.2 Satisfactory Surface condition of all PPE parts in contact with the user	4.4	Meet <input checked="" type="checkbox"/>
		Not meet <input type="checkbox"/>
		Not applicable <input type="checkbox"/>
1.4 Manufacturer's instructions and information	8	Meet <input checked="" type="checkbox"/>
		Not meet <input type="checkbox"/>
		Not applicable <input type="checkbox"/>
2.12 PPE bearing one or more identification markings or indicators directly or indirectly relating to health and safety	6; 7	Meet <input checked="" type="checkbox"/>
		Not meet <input type="checkbox"/>
		Not applicable <input type="checkbox"/>

- **EN 17092-3:2020** Protective garments for motorcycle riders – Part 3: Class AA garments – Requirements

Essential Health and Safety Requirements, according to Annex II of Regulation (EU) 2016/425	Clause(s) / sub-clause(s) of the standard EN 17092-3:2020	Result
1.1.1 Ergonomics	4.8	Meet <input checked="" type="checkbox"/>
		Not meet <input type="checkbox"/>
		Not applicable <input type="checkbox"/>
1.1.2 Levels and classes of protection	4.3 - 4.4 - 4.5	Meet <input checked="" type="checkbox"/>
		Not meet <input type="checkbox"/>
		Not applicable <input type="checkbox"/>
1.2 Innocuousness of PPE	4.1.2 - 4.8	Meet <input checked="" type="checkbox"/>
		Not meet <input type="checkbox"/>
		Not applicable <input type="checkbox"/>
1.3.3 Compatibility of different types of PPE intended for simultaneous use	4.2.1 - 4.2.2	Meet <input checked="" type="checkbox"/>
		Not meet <input type="checkbox"/>
		Not applicable <input type="checkbox"/>
1.3.4 Protective clothing containing removable protectors	4.2.1 – 4.2.2	Meet <input checked="" type="checkbox"/>
		Not meet <input type="checkbox"/>
		Not applicable <input type="checkbox"/>
1.4 Manufacturer's instructions and information	6	Meet <input checked="" type="checkbox"/>
		Not meet <input type="checkbox"/>
		Not applicable <input type="checkbox"/>
2.1 PPE incorporating adjustment systems	4.6.2 - 4.6.3	Meet <input checked="" type="checkbox"/>
		Not meet <input type="checkbox"/>
		Not applicable <input type="checkbox"/>
2.9 PPE incorporating components which can be adjusted or removed by the user	4.2 - 4.6	Meet <input checked="" type="checkbox"/>
		Not meet <input type="checkbox"/>
		Not applicable <input type="checkbox"/>
2.12 PPE bearing one or more identification markings or indicators directly or indirectly relating to health and safety	5	Meet <input checked="" type="checkbox"/>
		Not meet <input type="checkbox"/>
		Not applicable <input type="checkbox"/>

Essential Health and Safety Requirements, according to Annex II of Regulation (EU) 2016/425	Clause(s) / sub-clause(s) of the standard EN 17092-3:2020	Result
3.1 Protection against mechanical impact; Impact caused by falling or ejecting objects and collision of parts of the body with an obstacle	4.2 - 4.3	Meet <input checked="" type="checkbox"/>
		Not meet <input type="checkbox"/>
		Not applicable <input type="checkbox"/>
3.3 Protection against mechanical injury	4.2 - 4.3 - 4.4 - 4.5 - 4.6 - 4.7	Meet <input checked="" type="checkbox"/>
		Not meet <input type="checkbox"/>
		Not applicable <input type="checkbox"/>

## 5. COMFORT, FIT AND ERGONOMICS EVALUATION

- EN ISO 13688:2013 and EN ISO 13688:2013/A1:2021 Protective clothing – General requirements.

Requirement
After the comfort evaluation according to point 4.4 of EN ISO 13688:2013 and EN ISO 13688:2013/A1:2021, the PPE is determined to be:
Conforming <input checked="" type="checkbox"/>
Non-conforming <input type="checkbox"/>

- EN 17092-3:2020 Protective garments for motorcycle riders – Part 3: Class AA garments – Requirements

Requirement
After the evaluation of fit and ergonomics according to point 4.7.9 of Standard EN 17092-3:2020, the PPE is determined:
Conforming <input checked="" type="checkbox"/>
Non-conforming <input type="checkbox"/>

## 6. SIZING EVALUATION

- EN ISO 13688:2013 and EN ISO 13688:2013/A1:2021 Protective clothing: General requirements

Requirement
After evaluation of the sizing according to point 6 and Annex D of Standard EN ISO 13688:2013 and EN ISO 13688:2013/A1:2021, it is determined that the PPE is:
Conforming <input checked="" type="checkbox"/>
Non-conforming <input type="checkbox"/>

## 7. IMPACT PROTECTOR LOCATION AND FIXATION EVALUATION

- EN 17092-3:2020 Protective garments for motorcycle riders – Part 3: Class AA garments – Requirements

Requirement
After the evaluation of the impact protector fixation according to point 4.2.2 of Standard EN 17092-3:2020, the PPE is determined:
Conforming <input checked="" type="checkbox"/>
Non-conforming <input type="checkbox"/>

**8. STRUCTURALLY STRONG SEAMS (SSS). GENERAL**

- **EN 17092-3:2020** Protective garments for motorcycle riders – Part 3: Class AA garments – Requirements

Requirement	
After the evaluation of the structurally strong seams (SSS) according to point 4.4.1 of Standard EN 17092-3:2020, the PPE is determined:	
Conforming	<input checked="" type="checkbox"/>
Non-conforming	<input type="checkbox"/>

**9. ADDITIONAL GARMENT CONSTRUCTION EVALUATION**

- **EN 17092-3:2020** Protective garments for motorcycle riders – Part 3: Class AA garments – Requirements

Requirement for structurally closures	
After the evaluation of the structurally closures according to point 4.7.2 of Standard EN 17092-3:2020, the PPE is determined:	
Conforming	<input checked="" type="checkbox"/>
Non-conforming	<input type="checkbox"/>

Requirement for vents	
After the evaluation of the pockets according to point 4.7.3 of Standard EN 17092-3:2020, the PPE is determined:	
Conforming	<input checked="" type="checkbox"/>
Non-conforming	<input type="checkbox"/>

Requirement for pockets	
After the evaluation of the pockets according to point 4.7.4 of Standard EN 17092-3:2020, the PPE is determined:	
Conforming	<input checked="" type="checkbox"/>
Non-conforming	<input type="checkbox"/>

Requirement for collar material	
After the evaluation of the pockets according to point 4.7.6 of Standard EN 17092-3:2020, the PPE is determined:	
Conforming	<input checked="" type="checkbox"/>
Non-conforming	<input type="checkbox"/>

## 10. SUMMARY OF RESULTS

LEGEND RESULTS	
M	Meet
NM	Not meet
NA	Not applicable
NT	Not tested

- EN ISO 13688:2013 and EN ISO 13688:2013/A1:2021 Protective clothing: General requirements

Test	BE APLICATED	STANDARD	REQUERIMENTS	REPORT No.	RESULT
<b>Cr (VI) content</b> point 4.2	Leather label	ISO 17075	EN ISO 13688:2013, point 4.2, a) Shall not exceed < 3mg/kg	NA	NA
<b>Nickel release</b> point 4.2	Metallic material	EN 1811	EN ISO 13688:2013, point 4.2, b) Shall have a release of nickel of less than < 0,5µg/cm <sup>2</sup> per week.	ZHAO 068007	M
<b>pH</b> point 4.2	All textile materials	Textile ISO 3071 Leather ISO 4045	EN ISO 13688:2013, point 4.2 c) Greater than 3,5 and less than 9,5	AV224-434 / AV224-440 / AV224-438 / AV224-439 / AV224-437 / AV224-436 / AV224-422 / AV224-428 / AV224-429 / 11290-24/ AV224-423 / AV224-443 / AV224-442 / AV224-427 / 22029-24/ AV224-426 / AV224-429 / AV224-433 / AV224-425 / AV224-424 / AV224-421 / AV224-420 / AV224-419 / AV224-444 / AV224-418 / cm-23-3113-6	M
<b>Azo colorants which release carcinogenic amines listed</b> point 4.2	All textile materials	EN 14362-1 <sup>(1)</sup>	EN ISO 13688:2013, point 4.2 Shall be no detectable	14-003159 / 14-003172 / 14-003185 / 14-003182 / 14-003154 / 14-003160 / 14-003162 / 14-003158 / 14-003152 / 11290-24 / 14-003155 / 14-003183 / 14-003181 / 14-003176 / 22029-24 / 14-003173 /	M



				14-003152 / 14-003187 / 14-003180 / 14-003157 / 14-003186 / 14-003161 / 14-003174 / 14-003156 / 14-003175 / cm-23-3113-6	
<b>Ergonomics</b> point 4.4	Protective clothing	ISO 13688:2013, point 4.4 and EN 13921	EN ISO 13688:2013, point 4.4 and Annex C	Point 5 of this report	M
<b>Dimensional change, after treatment</b> point 5.3 x 5 30°C (A)	Jacket and pants	Washed ISO 5077 Dry cleaned ISO 3175-1	EN ISO 13688:2013, point 5.3 ≤ ±5%	AR-24-YL- 012506-01	M
<b>General size designation</b> point 6	Protective clothing	ISO 3635, ISO 13688:2013, point 6 and Annex D	EN ISO 13688:2013, point 6 and Table 1	Point 6 of this report	M
<b>Marking</b> point 7	EN ISO 13688:2013, point 7 y Annex E			NA	M
<b>Information supplied by the manufacturer</b> point 8	EN ISO 13688:2013, point 8			NA	M

<sup>(1)</sup>The Azo colorants are tested according to ISO 17234-2:2011 and ISO 17234-1:2020 when leather material

- EN 17092-3:2020 Protective garments for motorcycle riders – Part 3: Class AA garments – Requirements

TEST	BE APLICATED	STANDARD	REQUERIMENTS	REPORT No.	RESULT										
Innocuousness point 4.1.2	PPE materials and parts	EN ISO 13688:2013, point 4.2	EN 17092-3:2020, point 4.1.2	See point 4.2 from above table	M										
Impact energy absorption point 4.2.1	Impact protectors: H-7002 K-791:K S-790:S E-791:E W-7002	EN 1621-1/-2/-3/- 4:2012	All impact protectors present in a garment shall meet at least the Level 1 requirements, according to the Table 1	Certificate: 2777/15200- 01/E00-00  UE-000316/00  2777/15212- 01/E00-00	M										
Impact protector location and fixation point 4.2.2	Impact protectors	EN 17092-1: 2020, point 5.5.2	EN 17092-3:2020, point 4.2.2	Point 7 of this report	M										
Impact abrasion resistance point 4.3	SSL: External fabric	EN 17092-1:2020, point 5.4	EN 17092-3:2020, point 4.3 <table border="1"> <thead> <tr> <th>Zones</th> <th>Impact abrasion resistance requirements (rpm / Darmstadt test method)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>412</td> </tr> <tr> <td>2</td> <td>265</td> </tr> <tr> <td>3</td> <td>147</td> </tr> </tbody> </table>	Zones	Impact abrasion resistance requirements (rpm / Darmstadt test method)	1	412	2	265	3	147	AR-24-YL- 012506-01 / AR-24-YL- 010690-01	M		
Zones	Impact abrasion resistance requirements (rpm / Darmstadt test method)														
1	412														
2	265														
3	147														
Structurally strong seams point 4.4	SSS in the SSL Zone 1, 2 and 3 / Structural closure	EN 13594:2015, Annex B.	EN 17092-3:2020, point 4.4.1 and 4.4.2 <table border="1"> <thead> <tr> <th>Zones</th> <th>Seam Strength (N/mm)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>8</td> </tr> <tr> <td>2</td> <td>8</td> </tr> <tr> <td>3</td> <td>6</td> </tr> <tr> <td>Protector pocket material (if present)</td> <td>4</td> </tr> </tbody> </table>	Zones	Seam Strength (N/mm)	1	8	2	8	3	6	Protector pocket material (if present)	4	AR-24-YL- 012506-01	M
Zones	Seam Strength (N/mm)														
1	8														
2	8														
3	6														
Protector pocket material (if present)	4														
Structurally strong seams General point 4.4.1	Garment	EN 17092-3:2020, point 4.4.1	Seams shall meet the following requirements, according to their zones, which are determined according to EN 17092-1:2020, point 5.2	Point 8 of this report	M										
Tear strength point 4.5	SSL: External fabrics	EN ISO 3377- 1:2011 (leather) EN ISO 4674- 1:2016, method B (others)	EN 17092-3:2020, point 4.5 <table border="1"> <thead> <tr> <th>Zones</th> <th>Tear strength (N)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>40</td> </tr> <tr> <td>2</td> <td>40</td> </tr> <tr> <td>3</td> <td>30</td> </tr> <tr> <td>Protector pocket material (if present)</td> <td>10</td> </tr> </tbody> </table>	Zones	Tear strength (N)	1	40	2	40	3	30	Protector pocket material (if present)	10	AR-24-YL- 012506-01 / AR-24-YL- 010690-01	M
Zones	Tear strength (N)														
1	40														
2	40														
3	30														
Protector pocket material (if present)	10														
Restraint. General point 4.6.1	Garment	EN 17092-1:2020, point 5.5	EN 17092-3:2020, point 4.6	AR-24-YL- 012506-01	M										
Two-piece suit requirements for joint between upper part and lower part point 4.6.2	Garment	EN 17092-1:2020, point 5.5.3.1	EN 17092-3:2020, point 4.6.2	AR-24-YL- 012506-01	M										
Garment sleeve restraint point 4.6.3	Garment	EN 17092-1:2020, point 5.5.3.2	EN 17092-3:2020, point 4.6.3	AR-24-YL- 012506-01	M										
Structural closures point 4.7.2	Garment	EN 17092-3:2020, point 4.7.2		Point 9 of this report	M										
Vents point 4.7.3	Garment	EN 17092-3:2020, point 4.7.3		Point 9 of this report	M										

<b>Pockets</b> point 4.7.4	Garment	EN 17092-3:2020, point 4.7.4		Point 9 of this report	M
<b>Zone intrusions</b> point 4.7.5	Garment	EN 17092-1:2020, point 5.2.3.2 and EN 17092-1:2020 and Table 3	EN 17092-3:2020, point 4.7.5	NA	NA
<b>Collar material</b> point 4.7.6	Garment	EN 17092-1:2020, point 5.2.3.2	EN 17092-3:2020, point 4.7.6	NA	NA
<b>Use of open mesh materials</b> point 4.7.7	Garment	EN 17092-3:2020, point 4.7.7		NA	NA
<b>Use of retroreflective materials (optional)</b> point 4.7.8	Garment	EN 1150:1999	EN 1150:1999, point 6	NA	NA
<b>Fit and ergonomics</b> point 4.7.9	Garment	EN 17092-1:2020, point 5.6	EN 17092-3:2020, point 4.7.9 The assessor to the questions detailed in EN 17092-1:2020, point 5.6, Table 11, shall be positive	Point 5 of this report	M
<b>Marking</b> point 5	EN 17092-3:2020, point 5			NA	M
<b>Information supplied by the manufacturer</b> point 6	EN 17092-3:2020, point 6			NA	M

## 11. CONCLUSION

Based on the results obtained in the exams, evaluations and revisions the following can be deduced:

The PPE type **JACKET AND TROUSER** reference **CE-DYNATEC III JACKET & TROUSER**, classified as **Category II** Individual Protective Equipment and whose characteristics are stated in point 1 of this report, **COMPLIES** with the essential requirements established by Regulation (EU) 2016/425 of 9 March 2016 through the application of the standards and risks as stated in point 2 of this report.

On 6<sup>th</sup> of February 2025

Signature of the conformity evaluator: