

## CE TYPE APPROVAL CERTIFICATE

n. **525144901/OE**

2014/12/05

This is to certify, that the hereunder described items of Personal Protective Equipment have overcome positively the "CE type examination", proving their conformity to the safety and health requirements of the Directive 89/686/EEC.

Manufacturer: **LEATT CORPORATION**  
 (Responsible of the PPE) 50, Kiepersol Cresc., Atlas Gardens – Contermanskloof – DURBANVILLE – ZA-7550 CAPE TOWN – SOUTH AFRICA.


Type of PPE: **"Body-armor" for use by motorcyclists** – including protectors of the back and the chest in conformity with Harmonized Technical Standard: **EN 1621-2:2014 + EN 1621-1:2012 + Draft Standard: prEN 1621-3:2014.**

Category of PPE: **II: Personal Protective Equipment against "medium" risks.**  
 This certificate is based on the reference standards listed below: **its validity** is no longer ensured should new version of the standards come into force.

Model **"FUSION VEST LEATT 3.0"**  
**Codes: 1015400100/101/102 + 110/111/112 (\*)**

Description: Body- armor incorporating back + chest + shoulder protectors, intended for motorcycling use. Description of the col. **BLACK** variant (= **1015400100/101/102**):


**BLACK: (FRONT)**



**CHEST PROTECTOR:**  
design: multilayer construction; external shell: two parts (declared composition: black HDPE) stitched to the inner part; insert in declared white TPE; internal and external lining (in contact with the body): black textile; mid-layer: black foam, partially perforated "5 mm 70A Shenzeng sheet"; padding: grey foam (declared composition: PEX); edge: black textile; fastening system: fixed to the body with a black adjustable elastic waist-belt marked "LEATT" in white.

**BACK PROTECTOR:**  
design: multilayer construction; external shell: two parts (declared composition: black HDPE) stitched to the inner part; insert in declared white TPE; internal and external lining (in contact with the body): black textile; mid-layer: black foam, partially perforated "7 mm 70A Shenzeng sheet"; padding: grey foam (declared composition: PEX); edge: black textile; fastening system: fixed to the body with a black adjustable elastic waist-belt, marked "LEATT" in white.

**WHITE: (BACK)**



**SHOULDER PROTECTOR:**  
design: multilayer construction; external shell: declared white PE, partially perforated, stitched to the padding; internal and external lining (in contact with the body): declared black/dark grey Lycra; mid-layer: one layer of black foam "Sansheng 5 mm 70A shore", partially perforated; padding: declared grey PEX foam; edge: black textile; fastening system: fixed to the body with a black adjustable elastic waist-belt marked "LEATT".

**NECK BRACE:** IS NOT THE OBJECT of this CE-CERTIFICATION; just to show compatibility of the FUSION VEST LEATT 3.0 to be connected to a suitable and CE-Certified neck-brace, to be fixed to the body protector with metal screws; black frame with black elastomeric inserts.

**(\*)= codes depending on the sizes (see table below) and on the COL. variants: the WHITE col. (1015400110/101/102) differs for the BACK and CHEST 2 HDPE shells that are white.**

Technical Standard: **EN 1621-2:2014** Motorcyclists' protective clothing against mechanical impact - Part 2: Motorcyclists' back protectors – Requirements and test methods.  
**prEN 1621-3** Motorcyclists' protective clothing against mechanical impact - Part 3: Motorcyclists' chest protectors.  
 (dd. 24/10/2014)  
**EN 1621-1:2012** Motorcyclists' protective clothing against mechanical impact - Part 1: Motorcyclists' limb joint impact protectors: requirements and test methods.

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Intended use: preventive use against mechanical impacts during off-road and downhill bicycle and motorbike activities – protection is given by this PPE item only when fully equipped of its connected protectors firmly stitched, and implemented by suitable additional motorcycling equipments.

Size range:

Type of back protector:

**FB=**  
**Full Back**

Codes:	Commercial sizes	Waist to shoulder length (cm) in accordance with EN 1621-2:2014
art. <b>1015400100 /110</b>	S/M	<b>38 – 43 cm</b>
art. <b>1015400101/111</b>	L/XL	<b>42.5 – 47.5 cm</b>
art. <b>1015400102/112</b>	XXL	<b>45 – 50 cm</b>

Protector sizes: - **FULL Chest (= C), Type A**  
(area of protection) - **"S" (= Shoulder) Type A**

Technical File: **DC-6926** (including Application to **RCT** and Technical Documents).

Test report: **RCT n°334719.01/E**

Basis of evaluation: applicable requirements of European Directive 89/686/EEC and reference Standards.

Functions and performance levels: This body armour incorporates and combine the protective functions of the following certified protectors:

**BACK protector:** Method: "kerbstone" at 50J: from the values of the transmitted force obtained at standard ambient conditions and after hydrolytic treatment (= wet conditions) the performance reached is: level 1.

**CHEST protector:** Method: "kerbstone" at 50J: a) impact force attenuation: "bar impactor kerbstone at 50J" conditioning standard + hydrolytic treatment = **pass**; b) force distribution: OPTIONAL = NOT PERFORMED so the performance to be displayed is **level 1.**

**SHOULDERS protector:** Method: planar face drop striker at 50 J: from the values of transmitted force obtained at standard ambient conditions and after hydrolytic treatment (= wet conditions) the performance reached is: level 1.

**NOTE for CHEST:** For the prEN 1621-3 (2014); if the protector has passed ONLY the force attenuation = display performance 1- if also the force distribution is passed = display perf. 2. **Note for BACK + SHOULDERS:** -the technical standard provides 2 performance levels and level 2 is the one offering higher performances.

**GENERAL NOTE:** - the protective functions also depend on the correct positioning of the protector, which is not part of this assessment and falls within the responsibility of the user.

Marking: printed on a label and includes the following information:  
(see example below))

- **CE Marking** indicating the conformity of the PPE to the provisions of the Directive 89/686/CEE (and later amendments) +
- name of the manufacturer and designation of the P.P.E.;
- indication of the Technical Harmonized Standards referred to;
- pictogram inviting users to read the Information Notice;
- pictograms in accordance with the Standards indicating the intended use of the P.P.E. accompanied by the type and the level of performance, international care symbols;
- pictogram required by EN 1621-2:2014 for the indication of the W-S length;
- other labels with additional information.

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<p>Fusion vest LEATT 3.0 S/L/XL 172-184cm Black Part no: 1015400101</p> <p>6 009698 992660</p> <p>This FUSION vest contains a certified Back protector as per EN 1621-2:2014 (Level 1); S-Shoulder Type A, as per: EN 1621-1:2012 (Level 1) and Chest panel as per: prEN 1621-3:2014 (Level 1); Neck Brace as per: Direttiva 89/686/EEC.</p>	<p>Size L/XL: Height 172-184cm</p>	<p>Fusion vest LEATT 3.0 S/L/XL 172-184cm Black</p> <p>Back Protector</p> <p>EN 1621-2:2014</p>																
<p>MADE IN CHINA</p> <p>WARNING</p> <p>WWW.LEATT.COM</p>	<p>Material Components</p> <table border="0"> <tr><td>HDPE</td><td>31%</td></tr> <tr><td>PEX+Lycral</td><td>17%</td></tr> <tr><td>Sangsheng PU</td><td>16%</td></tr> <tr><td>15% Glass Filled Nylon</td><td>15%</td></tr> <tr><td>TPE</td><td>13%</td></tr> <tr><td>PE</td><td>3%</td></tr> <tr><td>Injected EVA</td><td>3%</td></tr> <tr><td>Hardware</td><td>2%</td></tr> </table> <ul style="list-style-type: none"> <li> Do not wash</li> <li> Do not iron</li> <li> Do not bleach</li> <li> Do not tumble dry</li> <li> Dry in the shade</li> <li> Do not use solvents</li> </ul> <p>PO# XXXX</p>	HDPE	31%	PEX+Lycral	17%	Sangsheng PU	16%	15% Glass Filled Nylon	15%	TPE	13%	PE	3%	Injected EVA	3%	Hardware	2%	<p>Chest Protector</p> <p>prEN 1621-3:2014</p> <p>Shoulder Protector</p> <p>S-TYPE A</p> <p>EN 1621-1:2012</p>
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**BLACK: (BACK)**



**WHITE: (FRONT)**



**WHITE: (BACK)**



Note: the Technical File contains a more detailed description of the PPE (mat., method of assembly, photographs or drawings), performance data, safety functions and level of protection, elements of conformity to the basic and supplementary requirements.

The Technical File is integral part of the present Certification, which has to be kept available by the applicant to be forwarded - upon request - to the entitled person (supervising body, Controlling Officer).