

## CE TYPE APPROVAL CERTIFICATE

n. **525163902/OE**

2016/09/29

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.

<p>Manufacturer: (Responsible of the PPE)</p>	<p><b>LEATT CORPORATION</b> 50, Kiepersol Cresc., Atlas Gardens – Contermanskloof – DURBANVILLE – ZA-7550 CAPE TOWN – SOUTH AFRICA.</p>
<p>Type of PPE:</p>	<p><b>"Body-armor" for use by motorcyclists</b> – including protectors of the back, shoulder and chest in conformity with Harmonized Technical Standards: <b>EN 1621-1:2012 + EN 1621-2:2014</b> + Draft Standard: <b>prEN 1621-3:2016</b>.</p>
<p>Category of PPE:</p>	<p><b>II:</b> Personal Protective Equipment against "medium" risks. This certificate is based on the reference standards listed below: <b>its validity</b> is no longer ensured should new version of the standards come into force.</p>
<p>Model</p>	<p><b>"Chest Protector LEATT 4.5 PRO black"</b> Codes: <b>5017120100/101 (*)</b></p>
<p>Description:</p>	<p><b>CHEST PROTECTOR:</b> <u>design:</u> multilayer construction; <u>external shell:</u> declared black and white PE marked "LEATT 4.5 PRO" color white, partially perforated, stitched at the padding; insert of declared black PU; <u>internal and external coating (in contact with the body):</u> declared black Lycra; <u>mid-layer:</u> black foam "Sansheng 7 mm 70A shore" partially perforated and sheet of plastic material partially perforated; <u>padding:</u> declared grey PEX foam; <u>edge:</u> black textile; <u>fastening system:</u> fixed to the body with two black adjustable elastic waist-belts marked "LEATT" and a black POM plastic buckle.</p> <p><b>BACK PROTECTOR:</b> <u>design:</u> multilayer construction; <u>external shell:</u> declared black PE marked "LEATT 4.5 PRO", partially perforated, stitched at the padding; insert of declared black PU; <u>internal and external coating (in contact with the body):</u> declared black Lycra; <u>mid-layer:</u> two layers of black foam "Sansheng 7 mm 70A shore", partially perforated; <u>padding:</u> declared grey PEX foam; <u>edge:</u> black textile; <u>fastening system:</u> fixed to the body with two black adjustable elastic waist-belts marked "LEATT" and a black POM plastic buckle.</p> <p><b>SHOULDER PROTECTOR:</b> <u>design:</u> multilayer construction; <u>external shell:</u> declared black PE marked "LEATT" color white, partially perforated, stitched to the padding; <u>external lining:</u> declared black Lycra; <u>internal (in contact with the body):</u> black perforated textile; <u>mid-layer:</u> black foam, partially perforated "5 mm 70A SANSHENG sheet"; <u>padding:</u> declared grey PEX foam; <u>edge:</u> black textile; <u>fastening system:</u> fixed to the body with a black adjustable elastic waist-belt marked "LEATT" color white.</p> <p><b>(*) article: "CHEST PROTECTOR 4.5 PRO BLACK #XXL" (5017120101);</b> It differs from model <b>"CHEST PROTECTOR 4.5 PRO BLACK" (5017120100)</b> only for the bigger dimensions.</p>

**FRONT:**



**BACK:**



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Technical Standard:	<b>EN 1621-1:2012</b>	Motorcyclists' protective clothing against mechanical impact - Part 1: Motorcyclists' limb joint impact protectors: requirements and test methods.
	<b>EN 1621-2:2014</b>	Motorcyclists' protective clothing against mechanical impact - Part 2: Motorcyclists' back protectors – Requirements and test methods.
	<b>prEN 1621-3</b> (dd. 05/2016)	Motorcyclists' protective clothing against mechanical impact - Part 3: Motorcyclists' chest protectors – Requirements and test methods.
	<b>Me-int 097</b>	Body armor – assembly of protectors of the trunk and upper arms.
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, and implemented by suitable motorcycling equipments.	
Size range:	Codes:	Waist to shoulder length (cm) in accordance with EN 1621-2:2014
Type of back protector:	art. <b>5017300100/110 = Adult</b>	<b>39 – 44 cm</b>
<b>FB= Full Back</b>	<b>(*) = the XXL size has the same W-S length – so it does not differ for the protection area coverage, but for other ergonomic dimensions of the item (paddings, waist-belts).</b>	
Protector sizes: (area of protection)	- <b>FULL Chest (= C), Type A.</b> - <b>"S" (= shoulder) Type A.</b>	
Technical File:	<b>DC-7996/E</b> (including Application to <b>RCT</b> and Technical Documents).	
Test report:	<b>RCT n°353738/E.</b>	
Basis of evaluation:	applicable requirements of the 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:	
<b><u>BACK protector:</u></b>	<u>Method:</u> "kerbstone" at 50J: from the values of the transmitted force obtained at standard ambient conditions and <u>after hydrolytic treatment (= wet conditions)</u> the performance reached is: <b>level 2.</b>	
<b><u>CHEST protector:</u></b>	<u>Method:</u> "kerbstone" at 50J: a) <u>impact force attenuation:</u> "bar impactor kerbstone at 50J" conditioning standard + hydrolytic treatment = <b>pass</b> ; b) <u>force distribution:</u> OPTIONAL = PERFORMED with result: <b>pass</b> - so the performance to be displayed is <b>level 2.</b>	
<b><u>SHOULDER protectors:</u></b>	<u>Method:</u> planar face drop striker at 50 J: from the values of transmitted force obtained at standard ambient conditions and <u>after hydrolytic treatment (= wet conditions)</u> the performance reached is: <b>level 1.</b>	
	<b>NOTE for the CHEST protector:</b> For the prEN 1621-3 (2016): if the protector has passed ONLY the force attenuation = display performance 1- if also the force distribution is passed = display perf. 2. <b>Note for the BACK/SHOULDER protector:</b> -the technical standard provides 2 performance levels and level 2 is the one offering higher performances. <b>GENERAL NOTE:</b> - 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.	

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Marking:

(see example below)

printed on different folded labels and include the following information:

- **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. (= COMMERCIAL name + PART CODE);
- indication of the Technical Harmonized Standards/Draft referred to;
- pictogram inviting users to read the Information Notice;
- pictograms in accordance with the Standards/Draft indicating the intended use of the P.P.E. + type and level of performance, international care symbols + - pictograms required by the Norms for the indication of the W-S length/chest-girth;
- other labels with additional information.



**FRONT:**



**BACK:**



**Note:** the Technical File contains a more detailed description of the PPE (material, 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).