

CE TYPE APPROVAL CERTIFICATE

n. 52513311/OE

2013/08/02

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: **Neck protector for use by motorcyclists** in conformity with the requirements of the European Directive 89/686/EEC concerning P.P.E.

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

Model **"Leatt-Brace – STX RR "**
(code/Part No: 1000210050 – Carbon)

Description: construction: 2 frames in junction with locking system made of two lateral metallic screws, two protruding scapula wings are fixed to the back frame by two metallic coupling to put in two polymeric hooks on the inferior side of the back frame with the possibility of adjust the distance from the back; the frontal frame has two thoracic spars that can rotate on pins that fixed them;
padding: removable inserts in black EVA and PEX foam in the front, rear and lateral side of the protector;
fastening system: elastic bands and black fabric ribbon joined with polymeric clips and coupled to the protector by nylon Velcro
locking system: lateral opening on both sides with metallic screws.

views of the STX RR Carbon brace:



Main chassis, including thoracic spar (s)	Scapula wings	Foam padding	Attachments	Fastenings, circlips and spacers	Strut Box	Rivets Washers
Carbon fibre Carbon Kevlar components	Carbon composite	EVA PEX	Nylon Velcro	Stainless steel Anodised aluminium Aluminium 7075	GFN 15%	Galvanised Mild Steel S/S 316 HDPE

Technical Standard: **Directive 89/686/EEC** On the approximation of the laws of the Member States relating to personal protective equipment.
EN 340 :2003 Protective clothing: General requirements.
EN 1621-2 :2003 (analogue method) Motorcyclists' protective clothing against mechanical impact - Part 2: Motorcyclists' back protectors – Requirements and test method.
me-int 074-00 Internal method: ergonomics, tensile strength, information sheet.

Intended use: Motorcycling: preventive use for off-road motorcycling and bicycle activities (trials, endure, sand racing, Speedway etc.). To offer the best possible protection, this neckbrace must always be properly fitted and tightened, and implemented by suitable additional motorcycling equipments (in particular, only in conjunction with a compatible full-face helmet).

Size range: The "Leatt-Brace" collar is marketed in ONE SIZE: **Large/Extra-Large** according to the individual height + chest girth (for more detailed explanation on the correct size to be chosen/ size-chart, see the Users' Manual = Information Notice and hang-tag.

CE TYPE APPROVAL CERTIFICATE

n. 52513311/OE

2013/08/02

Technical File: **DC-6127** (including Application to **RCT** and Technical Documents).

Test report: **n°322150/E.**

Basis of evaluation: Applicable requirements of the European Directive 89/686 (a revised edition of the present Certification might be required in case a new Harmonized Standard is issued to cover the specific purposes of this special kind of P.P.E.).

Functions and Typical test results obtained (see also Test Report): To reduce the severity of traumas caused by impacts, the protectors provide limited protection against mechanical impact, including cervical compression and flexion injuries, in case of falls:
Method: "Kerbstone" impact testing at 50J with ref. to EN 1621-2 requirements (analogous method):
Obtained values of transmitted force (MAX):
Perpendicular impact: **11.8 kN**
Horizontal impact: **5.7 kN**

NOTE 1: reference values: lev.1 ≤ 18 / lev.2 (the best provided) ≤ 12 .

NOTE 2: The protective functions also depend on the correct positioning/adjusting of the protector (in particular on a correct connection with the other protective devices, such as chest/back protectors and helmet) which is not part of this assessment.

Marking: printed on labels stitched to the textile part of the protector (other infos like the size-range are on a hang-tag, or directly onto the P.P.E. with a Graphic/Tampo print) - it includes the following information:



- **CE Marking** indicating the conformity of the PPE to the provisions of the Directive 89/686/CEE (and later amendments);
- Trademark of the Manufacturer;
- The Model (identification name) of the Brace is on the Brace itself as a Graphic/Tampo print;
- Year of Manufacturing will be on the serial number sticker that will go onto the brace parts (front and back);
- Cleaning instructions are in the information notice and not on the brace itself.

CE-labelling composition on different parts of the Brace:



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).