

INSPECTION REPORT

No. C06772-10-22

Date of Issue: September 26, 2022
Place of Issue: Ostrava-Radvanice

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Subject of Inspection: Connector
Client: VVUU, a.s., COV No. 3076, Pikartská 1337/7, 716 07 Ostrava-Radvanice
Order: Order No.: 53220053, dated September 22, 2022
Inspected Sample: LineGrip LineScale-3, type Electronic Load Cell (No. Samples: 7564)
Date of Delivery: September 26, 2022
Date of Inspections: September 26, 2022
Place of Inspections: Premises of Testing Laboratory at VVUU, a.s.

Inspection Report contains: text page(s): 4
annex page(s): 0

The result of inspections relates only to the sample inspected. The Inspection Report shall be reproduced only as a whole unless a written agreement made with the Certification Body does not state otherwise.

1. Description of product:

LineGrip LineScale-3, type Electronic Load Cell is made from light non-ferrous material and used to detect and record a static load.

2. Verification of requirements according to the technical standards / technical specifications

Name of the technical standards:	Personal protective equipment against falls from a height – Connectors and test methods
Designation of the standard:	ČSN EN 362: 2005
UIAA standard:	UIAA 130: 2021 Load Sharing Device. Climbing and Mountaineering Equipment
Designation of the technical specifications:	RFU PPE-R/11.114

2.1 Results of inspections

Note: / - It is not relevant or it was not a subject of the tests.

ČSN EN 362: 2005	Requirements	Results
4.1 General	4.1.1 Connectors shall not have sharp edges or burrs.	The Electronic Load Cell has no sharp edges or burrs.
	4.1.2 Materials, which may come into contact with the skin of a user, shall not be known to cause irritating and sensitization effects during normal use of the connector.	/
	4.1.3 Connectors with a gate shall have a gate-locking feature, either automatic or manual.	/
	4.1.4 Connectors with a self-locking gate shall lock the gate automatically when the gate shuts and shall require at least two different deliberate manual actions to open the gate.	/
	4.1.5 Connectors with a manual-locking gate, except screwlink connectors, shall require a deliberate manual action to lock the gate and shall require at least two different deliberate manual actions to open the gate.	/

ČSN EN 362: 2005	Requirements	Results
	4.1.6 Screwlink connectors shall require at least four complete rotations of the screw-motion gate from the fully screwed up position to disengagement of the threads. The threads shall not be visible when the gate is locked.	/
5.5 Corrosion test	The connector gates shall still function in accordance with 4.1.4. Evidence of corrosion of the base metal is not acceptable. The presence of tarnishing and white scaling is acceptable.	/

UIAA 130: 2021 and RFU PPE-R/11.114	Requirements	Results
4 Design	4.1 It shall not be possible for an load sharing device (LSD) to become detached unintentionally. If any part can be opened or removed, it shall be designed such that it can only be done after performing at least 3 separate, consecutive, and deliberate manual actions or by the use of a tool.	It is not possible for Electronic Load Cell to become detached unintentionally. No part of Electronic Load Cell can be opened or removed.
	4.2 Where an LSD includes more than one element and for an LSD with element that can be adjusted, the design shall be such that those elements cannot appear to be positively locked together when they are incorrectly assembled or adjusted.	The Electronic Load Cell is composed of only one element which cannot be adjusted.
	4.3 Where an LSD includes another function is shall also comply to the appropriate other applicable text / standard, if existing.	/
	4.4 Where stitching is use to provide safety and strength is shall be possible to inspect it and at least 50% of the stitching shall contrast with the textile element in colour or surface appearance.	The Electronic Load Cell is all-metal device.
	4.5 All edges of an LSD shall be free of burns and sharp edges.	The Electronic Load Cell has no sharp edges or burrs.

UIAA 130: 2021 and RFU PPE-R/11.114	Requirements	Results
	4.6 Where the manufacturer recommended direct attachment between a textile component and the LSD, then the cross-sectional profile of any metallic load bearing surface shall conform to figure 2.	The cross-sectional profile conforms to figure 2.
5. Stability of tape	5.1 If the LSD is made of woven tape not conforming to UIAA 103, the weft yarn of the tape shall not be released from the tape sample.	The Electronic Load Cell is all-metal device.

3. Verification of the test results from the external test reports provided by the customer

Not assessed.

Tested by:

Bc. Aleš Rajský

Expert of CBP

