VVUÚ, a.s.
Pikartská 1337/7, Radvanice, 716 00 Ostrava
Czech Republic

Notified Body No. 1019

EU TYPE-EXAMINATION CERTIFICATE

according to Article 19 (c) of Regulation (EU) 2016/425 of the European Parliament and of the Council

No. 1019-265/Q/2026

Name of product:	**Carabiner, type HH8137TN**
PPE category:	III.
Manufacturer:	**Zhejiang Bingfeng Outdoor Product Co., LTD.** **No. 19 Xinchao Road, Wangjiang Community, Bai** **322100 Dongyang** **China**
Applied standards and/or technical specification:	ČSN EN 362:2005 (identical to EN 362:2004) ČSN EN 12275:2013 (identical to 12275:2013) ČSN EN 365:2005 (identical to EN 365:2004)
Base for issue of certificate:	Evaluation Report No. 1019-023136/2026, 1st edition (integral part of this certificate)
Conditions of validity:	Certificate shall only be used in conjunction with one of the conformity assessment procedures referred to Article 19 (c) point (i) or (ii) of Regulation (EU) 2016/425 of the European Parliament and of the Council.
Validity of certificate:	July 31, 2026 - July 30, 2031
Edition:	1st

VVUÚ, a.s. hereby certifies that the sample of the product mentioned above meets all the relevant essential health and safety requirements of Annex II of the Regulation (EU) 2016/425 of the European Parliament and of the Council.

OZNÁMENÝ SUBJEKT 1019 VVUÚ, a.s. ① VVUU

July 31, 2026
.....
Date of issue

Tomáš Dorazil
.....
Deputy Director NB 1019

Duplication of only parts of this document is subject to the approval of VVUÚ, a.s., NB 1019, Ostrava – Radvanice, Czech Republic.

VVUÚ, a.s.
Pikartská 1337/7, Radvanice, 716 00 Ostrava
Czech Republic

Notified Body No. 1019

Description of product

Material:	Aluminum 7075-T6, Aluminum 6061-T6
Gate Closing:	Self-closing
Gate Locking:	Self-locking
Min. Gate Opening:	24 mm
Min. Static Strength (↔):	35 kN
Min. Static Strength (↕):	10 kN
Min. Static Strength (ᔓ):	10 kN
Class (acc. to EN 362):	B
Class (acc. to EN 12275):	B
Trademark	XINDA

Picture of product



Duplication of only parts of this document is subject to the approval of VVUÚ, a.s., NB 1019, Ostrava – Radvanice, Czech Republic.

VVUÚ, a.s.
Pikartská 1337/7, Radvanice, 716 00 Ostrava
Czech Republic

Notified Body No. 1019

EVALUATION REPORT

according to Article 19 (c) of Regulation (EU) 2016/425 of the European Parliament and of the Council

Module B

No. 1019-023136/2026

The product, type:	**Carabiner, type HH8137TN**	
Category of PPE:	**III.**	
Manufacturer:	**Zhejiang Bingfeng Outdoor Product Co., LTD., No. 19 Xinchao Road, Wangjiang Community, Bai, 322100 Dongyang, China**	
Application No.:	**023136**	**dated: June 17, 2026**
Contract No.:	**VCER/2026/522**	**dated: June 20, 2026**
Edition:	**1st**	
Issued by:	**Romana Vitoušová** **Technical Expert**	Signature:
Date:	**July 31, 2026**	

OZNÁMENÝ SUBJEKT 1019 VVUÚ, a.s. ① VVUU

Stamp of Notified Body

Notes:
All regulations are used as written, include all subsequent amendments, and are referred to by their original title. This Evaluation Report applies only to the aforementioned product, the submitted documentation, and tests, inspections and documentation carried out and prepared by Notified Body No. 1019.
The Evaluation Report (without appendices) may be published in its entirety only. Publication of a part of the Evaluation Report requires the prior consent of Notified Body No. 1019.
Reference to the Evaluation Report must identify VVUU, a.s, as Notified Body No. 1019.

VVUÚ, a.s.
Pikartská 1337/7, Radvanice, 716 00 Ostrava
Czech Republic

Notified Body No. 1019

1. Product specification

Material:	Aluminum 7075-T6, Aluminum 6061-T6
Gate Closing:	Self-closing
Gate Locking:	Self-locking
Min. Gate Opening:	24 mm
Min. Static Strength (↔):	35 kN
Min. Static Strength (↕):	10 kN
Min. Static Strength (⟲):	10 kN
Class (acc. to EN 362):	B
Class (acc. to EN 12275):	B
Trademark	XINDA



Carabiner, type HH8137TN

The manufacturer delivered 5 pieces of the specimen of the model on July 21, 2026.

2. List of submitted technical documentation according to Annex III to the Regulation (EU) 2016/425 of the European Parliament and of the Council

No.	Name of documentation
1.	Instruction for use (English version)
2.	Marking
3.	Packaging, dated July 28, 2026
4.	Product drawing / Materials / Specifications and Product description, dated July 28, 2026
5.	Quality Plan, dated July 28, 2026
6.	List of standards and basic safety requirements, dated July 28, 2026
7.	Risk assessment, dated July 28, 2026
8.	QMS Certificate (ISO 9001:2015), No. HBC2505821QR0S, issued by Shanghai Huibo Certification Co., Ltd., valid until May 28, 2028
9.	Harmlessness Declaration, dated July 28, 2026

3. Examination of the technical file

3.1 Application of the harmonized standards, respectively the technical specifications

The manufacturer has applied the harmonized standards ČSN EN 362:2005 (identical to EN 362:2004), ČSN EN 12275:2013 (identical to EN 12275:2013) and ČSN EN 365:2005 (identical to EN 365:2004).

3.2. Examination of the technical file

Date of examination	Document	Conclusion
July 31, 2026	Appendix to this Evaluation Report	Technical design of the PPE is adequate. The technical file is suitable for the examination of conformity to essential requirements of the Regulation (EU) 2016/425 of the European Parliament and of the Council.

3.3 Identification of the elements which have been designed in accordance with the harmonized standards

Date of examination	Document	Conclusion
July 31, 2026	Appendix to this Evaluation Report	There were identified elements designed in accordance with the harmonized standards

4. Examination of the model

4.1 Verification of compliance of the model with the technical file

Date of examination	Document	Conclusion
July 31, 2026	Appendix to this Evaluation Report	The specimen of the model has been manufactured in conformity with the technical documentation.

4.2 Examinations and tests

Date of examination/test	Document	Conclusion
July 31, 2026	Appendix to this Evaluation Report	The specimen of the model is in conformity with the harmonized standards ČSN EN 362, ČSN EN 12275 and ČSN EN 365 and meets the essential requirements of the Regulation (EU) 2016/425 of the European Parliament and of the Council.
July 27, 2026	Inspection Report No. C10063-10-26	
July 22, 2026	Test Report No. A10063-10-26	
July 27 – July 29, 2026	Test Report No. A10064-10-26	

Results of examinations and tests are given in the Appendix to this Evaluation Report.

5. Assessment of the conformity of the model with essential requirements

From the results of the examination of the technical file and the examinations and tests performed, it follows that the model of the product „Carabiner, type HH8137TN", of the manufacturer Zhejiang Bingfeng Outdoor Product Co., LTD., No. 19 Xinchao Road, Wangjiang Community, Bai, 322100 Dongyang, China

satisfies

the relevant essential health and safety requirements referred to Annex II to the Regulation (EU) 2016/425 of the European Parliament and of the Council

6. Procedure subsequent to EU type-examination

The procedure will be performed by Notified Body No. 2834 (CCQS Certification Services Limited, Ireland).

7. List of materials for preparation of the Evaluation Report

- Inspection Report No. C10063-10-26, dated July 27, 2026, issued by CBP, VVUÚ, a.s., Ostrava – Radvanice, Czech Republic
- Test Report No. A10063-10-26, dated July 27, 2026, issued by VVUÚ, a.s., Testing Laboratory, Ostrava - Radvanice, Czech Republic
- Test Report No. A10064-10-26, dated July 29, 2026, issued by VVUÚ, a.s., Testing Laboratory, Ostrava - Radvanice, Czech Republic

8. List of appendices

Appendix to Evaluation Report No. 1019-023136/2026, dated July 31, 2026

VVUÚ, a.s.
Pikartská 1337/7, Radvanice, 716 00 Ostrava
Czech Republic

Notified Body No. 1019

APPENDIX TO EVALUATION REPORT
No. 1019-023136/2026, dated July 31, 2026

Product: **Carabiner, type HH8137TN**

Note: evaluation method; Yes – meet / satisfy, No – not satisfy, (I) - irrelevant

Part 1: Technical documentation supplied by the manufacturer stated in chapter 2 of the Evaluation Report

1.1 Examination of the technical documentation file

No.	Documentation requirement	Satisfy
1, 2, 3, 4	a) a complete description of the PPE and of its intended use	Yes
7	b) an assessment of the risks against which the PPE is intended to protect	Yes
6	c) a list of the essential health and safety requirements that are applicable to the PPE	Yes
4	d) design and manufacturing drawings and schemes of the PPE and of its components, sub-assemblies and circuits	Yes
/	e) the descriptions and explanations necessary for the understanding of the drawings and schemes referred to in point (d) and of the operation of the PPE	(I)
1, 4	f) the references of the harmonised standards that have been applied for the design and manufacture of the PPE. In the event of partial application of harmonised standards, only the parts which have been applied	Yes
/	g) descriptions of the other technical specifications that have been applied in order to satisfy the applicable essential health and safety requirements, if harmonised standards have not been applied or have been only partially applied	(I)
/	h) the results of the design calculations, inspections and examinations carried out to verify the conformity of the PPE with the applicable essential health and safety requirements	(I)
/	i) Reports on the tests carried out to verify the conformity of the PPE with the applicable essential health and safety requirements and, where appropriate, to establish the relevant protection class	(I)
5, 8	j) a description of the means used by the manufacturer during the production of the PPE to ensure the conformity of the PPE produced with the design specifications	Yes
1	k) a copy of the manufacturer's instructions and information set out in point 1.4 of Annex II to the Regulation (EU) 2016/425 of the European Parliament and of the Council	Yes
/	l) all the necessary instructions for manufacturing of PPE on the basis of the approved basic model, produced as a single unit to fit an individual user *Note: Assessment of instruction for production of these PPE types.*	(I)
/	m) a description of the measures to be taken by the manufacturer during the fitting and production process to ensure that each item of PPE complies with the approved type and with the applicable essential health and safety requirements *Note: Concerns only PPE produced in series where each item is adapted to fit an individual user. Description of the measures and their suitability is assessed.*	(I)

Conclusion of assessment

Requirement	Satisfy
Adequacy of the technical design of the PPE	Yes
Suitability of the technical file for the examination of conformity to essential requirements of the Regulation (EU) 2016/425 of the European Parliament and of the Council	Yes

1.2 Verification of compliance of the model with the technical file

Requirement	Satisfy
Compliance of the model with the technical file	Yes

1.3 The elements which have been designed in accordance with the harmonized standards

EN 362:2004

Article	Requirement	Used
4.1	General	Yes
4.2	Static strength	Yes
4.3	Gate function	Yes
4.4	Gate resistance	Yes
4.5	Corrosion resistance	Yes
6	Marking	Yes
7	Information supplied by the manufacturer	Yes

EN 12275:2013

Article	Requirement	Satisfy
4.1	Design	Yes
4.2	Performance	Yes
6	Marking	Yes
7	Information supplied by the manufacturer	Yes

EN 365:2004

Article	Requirement	Used
4.1	General	Yes
4.2	Instructions for use	Yes
4.3	Instructions for maintenance	Yes
4.4	Instructions for periodic examinations	Yes
4.5	Instructions for repair	Yes
4.6	Records	Yes
4.7	Periodic examination	Yes
4.8	Marking	Yes
4.9	Packaging	Yes

VVUÚ, a.s.
Pikartská 1337/7, Radvanice, 716 00 Ostrava
Czech Republic

Notified Body No. 1019

Part 2: Examinations and tests

2.1 Examinations and tests of the model in accordance with harmonized standards

EN 362:2004

Article	Requirement	Document	Satisfy
4.1	General	Test Report No. A10063-10-26 Inspection Report No. C10063-10-26 Assessment No. 023136	Yes
4.2	Static strength	Test Report No. A10063-10-26	Yes
4.3	Gate function	Test Report No. A10063-10-26	Yes
4.4	Gate resistance	Test Report No. A10063-10-26	Yes
4.5	Corrosion resistance	Test Report No. A10064-10-26 Assessment No. 023136	Yes
6	Marking	Assessment No. 023136	Yes
7	Information supplied by the manufacturer	Assessment No. 023136	Yes

EN 12275:2013

Article	Requirement	Document	Satisfy
4.1	Design	Inspection Report No. C10063-10-26	Yes
4.2	Performance	Test Report No. A10063-10-26	Yes
6	Marking	Assessment No. 023136	Yes
7	Information supplied by the manufacturer	Assessment No. 023136	Yes

EN 365:2004

Article	Requirement	Document	Satisfy
4.1	General	Assessment No. 023136	Yes
4.2	Instructions for use	Assessment No. 023136	Yes
4.3	Instructions for maintenance	Assessment No. 023136	Yes
4.4	Instructions for periodic examinations	Assessment No. 023136	Yes
4.5	Instructions for repair	Assessment No. 023136	Yes
4.6	Records	Assessment No. 023136	Yes
4.7	Periodic examination	Assessment No. 023136	Yes
4.8	Marking	Assessment No. 023136	Yes
4.9	Packaging	Assessment No. 023136	Yes

Part 3: Conformity of the model with the basic health and safety requirements

Requirement of Annex II to the Regulation (EU) 2016/425 of the European Parliament and of the Council		Standard / article Evaluation	Conformity
1.1.1	Ergonomics	PPE is designed and manufactured that in the foreseeable conditions of use for which it is intended the user can perform the risk-related activity normally whilst enjoying appropriate protection of the highest possible level.	Yes
1.1.2.1	Optimum level of protection	The optimum level of protection to be taken into account in the design is that beyond which the constraints imposed by the wearing of the PPE would prevent its effective use during the period of exposure to the risk or normal performance of the activity.	Yes
1.2.1	Absence of inherent risks and other nuisance factors	EN 362 / 4.1.1, 4.1.3, 4.1.7, 4.3, 4.4 PPE is designed and manufactured as to preclude risks and other nuisance factors under foreseeable conditions of use.	Yes
1.2.1.1	Suitable constituent materials	EN 362 / 4.1.2 PPE materials and parts, including any of their decomposition products, do not adversely affect user hygiene or health.	Yes
1.2.1.2	Satisfactory surface condition of all PPE parts in contact with the user	EN 362 / 4.1.1 EN 12275 / 4.1.1	Yes
1.2.1.3	Maximum permissible user impediment	Any impediments caused by PPE to movements to be made, postures to be adopted and sensory perception are minimized. PPE does not cause movements which endanger the user or other persons.	Yes
1.3.2	Lightness and strength	EN 362 / 4.2, 4.5 EN 12275 / 4.2.1, 4.2.3	Yes
1.4	Manufacturer´s instructions and information	EN 362 / 7 EN 12275 / 6, 7 EN 365 / 4.1, 4.2, 4.3, 4.4, 4.6, 4.7	Yes
2.1	PPE incorporating adjustment systems	EN 362 / 4.1.4, 4.1.5 If PPE incorporates adjustment systems, the latter are designed and manufactured as not to become incorrectly adjusted without the user's knowledge under the foreseeable conditions of use.	Yes
2.8	PPE for intervention in very dangerous situations	EN 365 / 4.2 The information notes supplied by the manufacturer together with PPE include data intended for the exclusive use of competent trained individuals who are qualified to interpret them and ensure their application by the user. They also describe the procedure to be adopted in order to verify that PPE is functional when worn by the user.	Yes

VVUÚ, a.s.
Pikartská 1337/7, Radvanice, 716 00 Ostrava
Czech Republic

Notified Body No. 1019

Requirement of Annex II to the Regulation (EU) 2016/425 of the European Parliament and of the Council		Standard / article Evaluation	Conformity
2.12	PPE bearing one or more identification markings or indicators directly or indirectly relating to health and safety	EN 362 / 6 EN 12275 / 6 EN 365 / 4.8	Yes
3.1.2.2	Prevention of falls from a height	EN 362 / 4.2 EN 12275 / 4, 7 EN 365 / 4.2	Yes *)

Unlisted basic requirements do not relate to this product.

**) The product is only one part of security chain and should be compatible in connection to other parts.*

At Ostrava – Radvanice, dated July 31, 2026

Issued by: Romana Vitoušová

VVUÚ, a.s.
Pikartská 1337/7, 716 00 Ostrava-Radvanice
The Czech Republic

Testing Laboratory No. 1025
accredited by CAI according to ČSN EN ISO/IEC 17025:2018

L 1025

TEST REPORT

No. A10063-10-26

Date of Issue: July 27, 2026
Place of Issue: Ostrava-Radvanice

Phone: +420 596 252 347, 320
E-mail: zdebskij@vvuu.cz
sochl@vvuu.cz

Subject of Testing:	Carabiner, Connector
Customer:	VVUÚ, a.s., COV No. 3076, Pikartská 1337/7, 716 07 Ostrava-Radvanice
Order / Contract No.:	No. VZL/2026/457 dated July 21, 2026
Sample:	Carabiner, type HH8137TN, (No. Samples: 10804)
Data provided by Customer:	Product name
Date of Delivery:	July 22, 2026
Sample Receiving:	Submitted by the customer
Place of Testing:	Premises of Testing Laboratory at VVUÚ, a.s., Building „B“

ZKUŠEBNÍ LABORATOŘ VVUÚ, a.s. AKREDITOVANÁ č. 1025 VVUÚ

Checked by:
Lumír Šoch

Approved by:
Ing. Jakub Zdebski
Head of Testing Laboratory at VVUÚ, a.s.

Test Report Contents: Page (s): 3
Annex Page (s): 1

The test result is applicable to the tested sample only. The laboratory is not responsible for the data provided by the customer. The results apply to the sample as received. Without written agreement of the Testing Laboratory the Test Report may be reproduced in full only.
* Test results delivered by accredited subcontractor.
** Tests outside of the accreditation.

VVUÚ, a.s.
Pikartská 1337/7, 716 00 Ostrava-Radvanice
The Czech Republic

Testing Laboratory No. 1025
accredited by CAI according to ČSN EN ISO/IEC 17025:2018

L 1025

Test Report No. A10063-10-26

Test Procedure: Static strength test

Method: PP-03.10.06 (ČSN EN 12275, cl. 5.3.2.1.3, cl. 5.3.2.1.4, cl. 5.3.2.2.1, cl. 5.3.2.2.5, cl. 5.3.2.2.6)
PP-03.10.33 (ČSN EN 362, cl. 5,1.2, cl. 5.2.3.1, cl. 5.2.3.2, cl. 5.3, cl. 5.4.1, cl. 5.4.2)

Date of Test: July 22, 2026

Climatic Conditions:

pressure	98,4	kPa
temperature	25,1	°C
humidity	42	%

Applied Testing and Measuring Equipment:
Testing machine TIRAtest, type 2850 E22, serial number: R 39/10
Checking thorn, identification number: 3071

Sample Preparation: /

Test Result:

PP-03.10.06 (ČSN EN 12275: 2013)	Requirements	Test results
5.3.2.1 Static strength tests		
5.3.2.1.3 Major axis testing: gate closed	Minimum static strength 20 kN.	44,8 kN (U = 103 N)
5.3.2.1.3 Major axis testing: gate open	Minimum static strength 7 kN	14,8 kN (U = 103 N)
5.3.2.1.4 Minor axis testing	Minimum static strength 7 kN	15,8 kN (U = 103 N)
5.3.2.2 Testing of gate forces		
5.3.2.2.1 Hinged gate	5 N force applied. Gate opening shall not exceed 3 mm.	Gate opening: 0 mm
5.3.2.2.2 Sliding gate	5 N force applied. Gate opening shall not exceed 3 mm.	/
5.3.2.2.3 Gate-open latch	Gate shall not be capable of being latched open by a force less than 10 N applied anywhere on the gate.	/
5.3.2.2.4 Gate performance under load	800 N applied major axis load; it shall be possible to open the gate fully by hand, and, when released, the gate shall return to the fully closed position, from any open position.	/
5.3.2.2.5 Gate face testing (for gate locking devices)	The gate-locking feature shall withstand a force of 1 kN for 60 s without separating the gate from the body of the connector by more than 1 mm and shall still function.	Separation of gate from body: 0 mm. No loss of function.

PP-03.10.06 (ČSN EN 12275: 2013)	Requirements	Test results
5.3.2.2.6 Gate side testing (for gate locking devices)	The gate-locking feature shall withstand a force of 1,5 kN for 60 s without separating the gate from the body of the connector by more than 1 mm and shall still function.	Separation of gate from body: 0 mm. No loss of function.

PP-03.10.33 (ČSN EN 362: 2005)	Requirements	Test results
5.1.2 Verification of the gate opening	The gate opening specified in the information by the manufacturer: -- mm.	The gate opening: 24 mm.
5.2.3.1 Major axis testing – gate closed and unlocked	15 kN load applied for 3 min.; at the end of the test, the gate shall still be closed.	The connector withstood the load; the gate was still closed after the test.
5.2.3.1 Major axis testing – gate closed and locked	20 kN load applied for 3 min.; at the end of the test, the gate shall still be closed.	The connector withstood the load, the gate was still closed after the test. Then tested to destruction: 44,8 kN (U = 103 N)
5.2.3.2 Minor axis testing	7 kN load applied for 3 min.; at the end of the test, the gate shall still be closed.	The connector withstood the load, the gate was still closed after the test. Then tested to destruction: 15,8 kN (U = 103 N)
5.3 Gate function test	6 kN load applied for 10 s; gate shall still open as intended after being unloaded.	Gate opened as intended after being unloaded.
5.4.1 Gate resistance test gate face	1 kN load applied for 90 s; after test the gate-locking feature of the connectors shall still function correctly.	The gate-locking feature still functioned correctly.
5.4.2 Gate resistance test - gate side	1,5 kN load applied for 60 s; after test the gate-locking feature of the connectors shall still function correctly.	The gate-locking feature still functioned correctly.

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

The stated uncertainty "U" is standard extended uncertainty that was calculated with an extension coefficient 2, which corresponds to a level of reliability of approximately 95 %.

Tested by: Lumír Šoch

End of the Test Report

VVUÚ, a.s.
Pikartská 1337/7, 716 00 Ostrava-Radvanice
The Czech Republic

Testing Laboratory No. 1025
accredited by CAI according to ČSN EN ISO/IEC 17025:2018

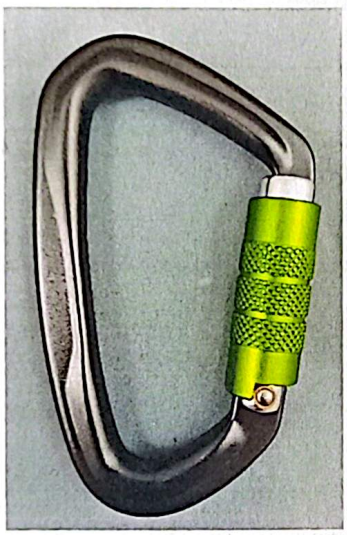
ilac-MRA

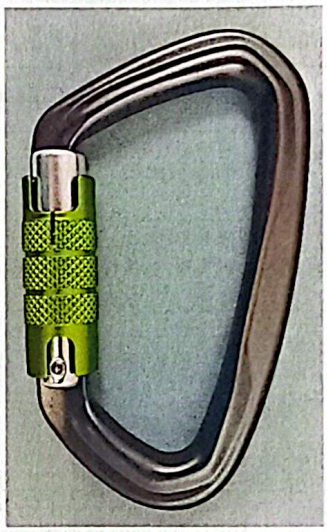
L 1025

Test Report No. A10063-10-26

Annex No. 1

Carabiner, type HH8137TN)





VVUU
RISK ANALYSIS
TESTING
CERTIFICATION

VVUÚ, a.s.
Pikartská 1337/7, Radvanice, 716 00 Ostrava
Czech Republic

Certification Body for Products at VVUÚ, a.s., No. 3076
accredited by CAI according to standard ČSN EN ISO/IEC 17065:2013

V 3076

INSPECTION REPORT

No. C10063-10-26

Date of Issue: July 27, 2026
Place of Issue: Ostrava-Radvanice

Phone: 596 252 318, 320
E-mail: sochl@vvuu.cz
dorazilt@vvuu.cz

Subject of Inspection: Carabiner, Connector

Client: VVUÚ, a.s., COV No. 3076, Pikartská 1337/7, 716 00 Ostrava-Radvanice

Order No.: VZL/2026/457, dated July 21, 2026

Inspected Sample: Carabiner, type HH8137TN (No. Samples: 10804)

Date of Delivery: July 22, 2026

Date of Inspections: July 27, 2026

Place of Inspections: PPE Testing Laboratory

Inspection Report contains: Text page (s): 5
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.

Inspection Report No. C10063-10-26

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

Name of the technical standard: Personal protective equipment against falls from a height – Connectors
Mountaineering equipment - Connectors - Safety requirements and test methods

Designation of the standard: ČSN EN 362:2005, ČSN EN 12275:2013

UIAA standard: ---

Designation of the technical specification: ---

1.1 Results of examinations

ČSN EN 362:2005	Requirements	Results
4.1 General	4.1.1 Connectors shall not have sharp edges or burrs.	The Connector have 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.	The Connector have automatic gate-locking feature.
	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.	Self-locking gate locks gate automatically when gate shuts. Gate requires two different deliberate manual actions to open it.
	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.	/
	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.	/

Inspection Report No. C10063-10-26

ČSN EN 362:2005	Requirements	Results
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.	/

ČSN EN 12275: 2013	Requirements	Results
4.1 Design	4.1.1 All parts of a connector that can come into contact with the user's hands and/or combinable components such as ropes, slings, accessory cords and harnesses, shall be free from burrs and sharp edges.	All parts of the Connector that can come into contact with the user's hands and/or combinable components such as ropes, slings, accessory cords and harnesses, are free from burrs and sharp edges.
	4.1.2 Connectors of class X shall be roughly symmetrical in outline about the longitudinal centre line. They shall have a minimum radius of curvature of 12 mm at the inner surface of the larger end and shall not have a gate-open latch.	/
	4.1.3 Connectors of class H shall have a gate-locking device and shall not have a gate-open latch.	/
	4.1.4 Connectors of class K shall have an automatic gate-locking device and shall not have a gate-open latch.	/
	4.1.5 Connectors of class K shall have a gate opening of at least 21 mm.	/
	4.1.6 Connectors of class K shall be able to accommodate in region A in accordance with Figure 9, a metal rod of 21 mm nominal diameter, without hindering the movement of the gate between the closed and fully open positions.	/
	4.1.7 Connectors of classes A and T shall be so designed that the line of application of the load to the connector is uniquely defined.	/
	4.1.8 Connectors of classes B, H, T and X shall have a gate opening of at least 15 mm.	The gate opening: 24 mm.

ČSN EN 12275: 2013	Requirements	Results
	4.1.9 Connectors of classes B, H, T and X shall be able to accommodate in region A in accordance with Figure 8, two rods of 11 mm nominal diameter, without hindering the movement of the gate between the closed and fully open positions.	The Connector is capable of accommodating two 11 mm nominal diameter bars in area A of Figure 8 without hindering the movement of the gate between the closed and fully open positions.
	4.1.10 Connectors of class Q shall require at least four complete rotations of the screw-motion gate from the fully screwed up position to disengagement of the threads. There shall be a clearly visible indication if the gate is not in the fully screwed up position and shall not have a gate-open latch.	/
	4.1.11 Any hinged gate shall only open inwards, towards the body of the connector, but it is permissible for the gate to open at up to 20° from the plane of the connector.	Hinged gate only opens inwards. Angle of gate opening = 0°.
	4.1.12 A gate-open latch shall be designed to latch the gate open, only in its fully open position (except classes H, K, X and Q).	Gate-open latch is designed to latch the gate open, only in its fully-open position.
	4.1.13 A manual gate-locking device shall require a deliberate manual action to lock the gate and shall require at least two different actions to open the gate.	/
	4.1.14 An automatic gate-locking device shall lock the gate automatically when the gate shuts and shall require at least two different actions to open the gate.	Verify, suit. Open the gate : two actions
	4.1.15 If a tape is fitted to connectors, it shall be in accordance with the stability requirements according to EN 565:2006, 4.1.	/
5.3.1.2 Gate opening		

Inspection Report No. C10063-10-26

ČSN EN 12275: 2013	Requirements	Results
5.3.1.2.1	Connectors of classes B, H, T and X: check that the gate can be opened and closed fully without making contact with the bar of diameter (15 ± 0,1) mm.	The gate can be opened and closed fully without making contact with the bar.
5.3.1.2.2	Connectors type class K: check that the gate can be opened and closed fully without making contact with the bar of diameter (21 ± 0,1) mm.	/
5.3.1.2.3	For connectors of classes B, H, T and X: check that the gate can be opened and closed fully without making contact with the two bars each of diameter (11 ± 0,1) mm.	The gate can be opened and closed fully without making contact with the bar.

Note:

- „/" - it is not relevant or it was not a subject of the examination

2. Verification of the results from the external reports provided by the customer

Not assessed.

Akreditovaný Certifikační orgán na výrobky ve VVUÚ, a.s. č. 3076 VVUÚ

Issued by:

Lumír Šoch

.....

Expert of CBP

Approved by:

Ing. Tomáš Dorazil

.....

Head of CBP

VVUU
RISK ANALYSIS
TESTING
CERTIFICATION

VVUÚ, a.s.
Pikartská 1337/7, 716 00 Ostrava-Radvanice
The Czech Republic

Testing Laboratory No. 1025
accredited by CAI according to ČSN EN ISO/IEC 17025:2018

L 1025

TEST REPORT

No. A10064-10-26

Date of Issue: July 29, 2026
Place of Issue: Ostrava-Radvanice

Phone: +420 596 252 347, 322
E-mail: zdebskij@vvuu.cz
sochl@vvuu.cz

Subject of Testing: Metal materials
Customer: VVUÚ, a.s., COV No. 3076, Pikartská 1337/7, 716 07 Ostrava - Radvanice
Order / Contract No.: VZL/2026/457 dated July 21, 2026
Sample: Metal components, No. Samples: 10805
Data provided by Customer: Product name
Date of Delivery: July 22, 2026
Sample Receiving: By Customer
Place of Testing: Premises of Testing Laboratory at VVUÚ, a.s., Building B

Checked by:
Lumír Šoch

Approved by:
Ing. Jakub Zdebski
Head of Testing Laboratory at VVUÚ, a.s.

Test Report Contents: Page (s): 3
Annex Page (s): 1

The test result is applicable to the tested sample only. The laboratory is not responsible for the data provided by the customer. The results apply to the sample as received. Without written agreement of the Testing Laboratory the Test Report may be reproduced in full only.
* Test results delivered by accredited subcontractor.
** Tests outside of the accreditation.

VVUU
RISK ANALYSIS
TESTING
CERTIFICATION

VVUÚ, a.s.
Pikartská 1337/7, 716 00 Ostrava-Radvanice
The Czech Republic

Testing Laboratory No. 1025
accredited by CAI according to ČSN EN ISO/IEC 17025:2018

L 1025

Test Report No. A10064-10-26

Test Procedure: Corrosion tests

Method: PP-03.10.72 (ČSN EN ISO 9227, cl. 5.2.2)

Date of Test: July 27, 2026 – July 29, 2026

Corrosive environment:
- salt spray: 5 % NaCl, 35 °C ± 2 °C, pH = 6,5 – 7,2
- fallout range: 1,5 ml/h ± 0,5 ml/h
- deionized water: < 20 µS (25°C ± 2°C)
- density: 1,034 g/cm3

Applied Testing and Measuring Equipment:
Corrosion chambre Liebisch, type S400 M-TR, type 23045012, serial. Nr. 388663

Description of test sample:

Sample No.	Product name:	Sample identification	Number of pieces
1	Carabiner, type HH8137TN	10805	1

Duration of test:			Comment
1	24 h exposure	☐	
2	24 h exposure, 1 h drying, 24 h exposure, 1 h drying	☒	-

Test Report No. A10064-10-26

Test Result:

Sample No. 1

Appearance			Functionality	Comment
Corrosion of base metal	Tarnishing	White scaling		
Yes ☐ No ☒	Yes ☐ No ☒	Yes ☐ No ☒	Yes ☒ No ☐	

Photodocumentation of tested sample, see annex 1.

Tested by: Lumír Šoch

Expert opinion/interpretation of results:

Sample: No. 1
Customer: VVUÚ, a.s., COV No. 3076

Documentation: ČSN EN 362

Based on the results of the corrosion test on sample No. 1 it can be stated, that this test sample meet the requirements of the ČSN EN 362 standard cl. 4.5.

Processed: Lumír Šoch

End of the Test Report

VVUÚ, a.s.
Pikartská 1337/7, 716 00 Ostrava-Radvanice
The Czech Republic

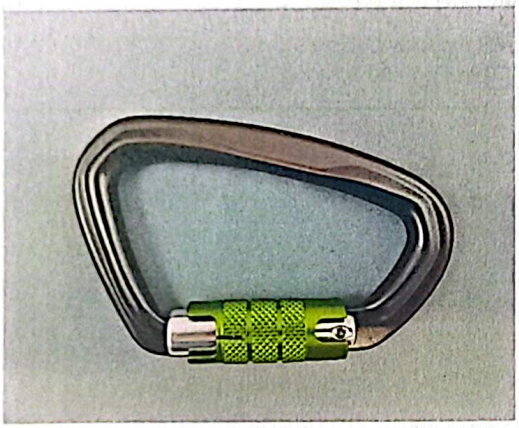
Testing Laboratory No. 1025
accredited by CAI according to ČSN EN ISO/IEC 17025:2018

L 1025

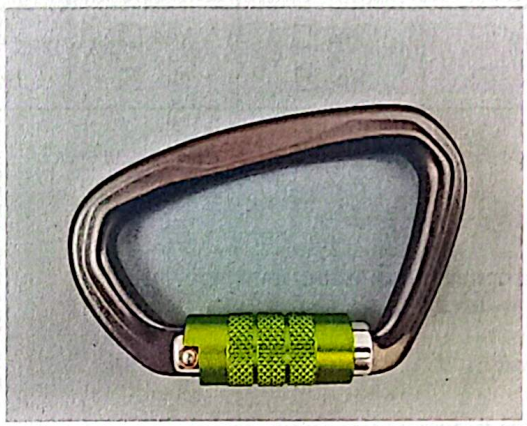
Test Report No. A10064-10-26
Annex No. 1

Sample No. 1

Before test



Front side



Back side

After test



Front side



Back side