

This document should **COMPLIANCE TESTING FOR NTA 8776** LOBLOGICA OXCOLINITION LINE CONTRACTOR LINE CO HELMETS FOR S-EPAC RIDERS Ishinging blood town act

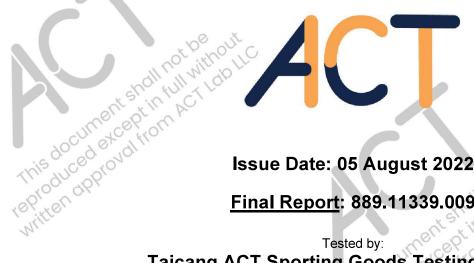
Brand : Troy Lee Designs Model : FLOWLINE SE MIPS On Septim tripping **Tested Size** : XL/XXL (60-63 cm)

repared For:

Troy Lee Designs

155 East Rincon Street
Corona, Califo : 5 and older : No **Lot Number Country of Origin** Age Grading

Children's Product



Issue Date: 05 August 2022

Final Report: 889.11339.009

Tested by:

Taicang ACT Sporting Goods Testing Co., Ltd.

No. 35 Zhenghe Road, Ludu Town, Taicang City, Suzhou, Jiangsu Province, China 215412 www.act-lab.com

This document shall not be reproduced except in full without written approval from ACT Lab LLC.



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer joint ISO-ILAC-IAF Communiqué dated April 2017.) The Joint Communiqué is available on publications and resources page of the ILAC website at http://www.ilac.org. Accreditation listing and certificate can be found at http://www.iasonline.org.

Contract File No.: 889.11339

Test File: 009

Control Document: Official ACT NTA 8776 Report Template CN 26 April 2022 Rev.4 -Imantshall SharePoint/GlobalResourceLibrary/Reporting/ReportTemplates/Helmets/NTA

Technician: Edward Wang Vied in till with Test Date: 03 August 2022 From ACT LOD

Leblogniced exc

Written dpprov

produced ex

witten appro



HELMET DATA

Brand:	Troy Lee Designs	Retention System:	ITW NOC
Model:	FLOWLINE SE MIPS	Age Grading:	5 and older
Manufacturer:	VENDOR	Test Headform Size:	EN 960 Size 625 (O)
Date of Manufacture:	TBD	Helmet Positioning Index (HPI):	ACT Determined: 48 mm *Measured from the basic plane
Tested Size:	60-63 cm	EPS Bead Color:	Black + Grey

Helmet Number:	Weight (g):
1	395
2	396
3	399
4	394
Average:	390

-				
	Conditioned Ter	mperatures		
0	Lab Humidity: 57%			
8	Ambient Lab Temp.:	22°C		
>	High Temperature	50°C		
ĺ	Low Temperature:	-20°C		
	Artificial Aging:	33°C		

Comments:

- 1. All helmets were received in undamaged condition and were appropriate for testing.
- All helmets were received in undamaged condition and were appropriate for testing.

 The accompanying helmet labels were submitted independently from the test samples and thus could not be checked for any characteristics except for the containing information.

 The average helmet weight reported calculated by manufactures complete helmet weight individual weights listed in the table above for samples 1-4 are as prostoriously 5.6.

 The helmets were exposed to "

 4 hours pri through 5.6.
- 4 hours prior to testing and not exposed more than 6 hours.
- helmet shall be exposed successively to: ultraviolet irradiation by a 125 W xenon-filled quartz lamp for 48 h at a range of 250 mm; spraying for 4 h to 6 h with water at a range.
 - 6. The sequence of tests performed on each helmet size and the tests performed on the same sample are given in the table below:

Table 2 — Sequence of Test and Tests per Sample

Performance Test	Sequence of Test	Sample Number		mber
Retention system effectiveness (5.6)	1st	1		
Shock absorbing capacity (5.4)	2nd	1	2	3
Retention system strength (5.5)	3rd		2	3

The fourth sample is reserved as a reference sample, which can be used by the test laboratory in case of doubt about any of the performance requirements.

Reviewed by: John Bogler

Contract File No.: 889.11339

Test File: 009

Control Document: Official ACT NTA 8776 Report Template CN 26 April 2022 Rev.4 -IIMent shall SharePoint/GlobalResourceLibrary/Reporting/ReportTemplates/Helmets/NTA

Technician: Edward Wang Vieldin full with Test Date: 03 August 2022 From ACT LOD



COMPLIANCE TESTING FOR NTA 8776 HELMETS FOR S-EPAC RIDERS

Brand : Troy Lee Designs : FLOWLINE SE MIPS Model

: M (57-59 cm) **Tested Size**

Lot Number : TBD **Country of Origin** : China Age Grading : 5 and older

Children's Product : No

Prepared For:

Troy Lee Designs

155 East Rincon Street. Corona, California



Issue Date: 16 March 2022

Final Report: 889.09943.004

Tested by:

Taicang ACT Sporting Goods Testing Co., Ltd.

No. 35 Zhenghe Road, Ludu Town, Taicang City, Suzhou, Jiangsu Province, China 215412 www.act-lab.com

This document shall not be reproduced except in full without written approval from ACT Lab LLC.



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer joint ISO-ILAC-IAF Communiqué dated April 2017.) The Joint Communiqué is available on publications and resources page of the ILAC website at http://www.ilac.org. Accreditation listing and certificate can be found at http://www.iasonline.org.

Contract File No.: 889.09943

Test File: 004

Control Document: Official ACT NTA 8776 Report Template CN 18 January 2022 Rev.2 SharePoint/GlobalResourceLibrary/Reporting/ReportTemplates/Helmets/NTA

Technician: Edward Wang Test Date: 16 February 2022



HELMET DATA

Brand:	Troy Lee Designs	Retention System:	Fidlock
Model:	FLOWLINE SE MIPS	Age Grading:	5 and older
Manufacturer:	VENDOR	Test Headform Size:	EN 960 Size 575 (J)
Date of Manufacture:	TBD	Helmet Positioning Index (HPI):	ACT Determined: 45 mm *Measured from the basic plane
Tested Size:	57-59 cm	EPS Bead Color:	Black and Grey

Helmet Number:	Weight (g):
1	328
2	317
3	318
4	317
Average:	320

Conditioned Ter	mperatures
Lab Humidity:	57%
Ambient Lab Temp.:	22°C
High Temperature	50°C
Low Temperature:	-20°C
Artificial Aging:	33°C

Comments:

- 1. All helmets were received in undamaged condition and were appropriate for testing.
- 2. The helmets were exposed to the high $(50 \pm 2 \,^{\circ}\text{C})$ and low $(-20 \pm 2 \,^{\circ}\text{C})$ temperatures for not less than 4 hours prior to testing and not exposed more than 6 hours.
- 3. Artificial ageing conducted in accordance to section 5.4.2.3: The outer surface of the protective helmet shall be exposed successively to: ultraviolet irradiation by a 125 W xenon-filled quartz lamp for 48 h at a range of 250 mm; spraying for 4 h to 6 h with water at ambient temperature at the rate of 1 l/min
- 4. The sequence of tests performed on each helmet size and the tests performed on the same sample are given in the table below:

Table 2 — Sequence of Test and Tests per Sample

Performance Test	Sequence of Test	Sample Number		nber
Retention system effectiveness (5.6)	1st	1		
Shock absorbing capacity (5.4)	2nd	1	2	3
Retention system strength (5.5)	3rd		2	3

5. The fourth sample is reserved as a reference sample, which can be used by the test laboratory in case of doubt about any of the performance requirements.

John D3 og le_

Reviewed by: John Bogler

Contract File No.: 889.09943

Test File: 004

Control Document: Official ACT NTA 8776 Report Template CN 18 January 2022 Rev.2 SharePoint/GlobalResourceLibrary/Reporting/ReportTemplates/Helmets/NTA

Technician: Edward Wang Test Date: 16 February 2022

This document st

Wiften approval

Leblogniced exc

written dpprov

produced ex

witten appro



This document should **COMPLIANCE TESTING FOR NTA 8776** Lebighton are was a straight the best of the bound of the best of HELMETS FOR S-EPAC RIDERS Ishinging blood town act

Brand : Troy Lee Designs Model : FLOWLINE SE MIPS

ed excepting the without **Tested Size** : XS/S (53-56 cm) **Lot Number** : TBD

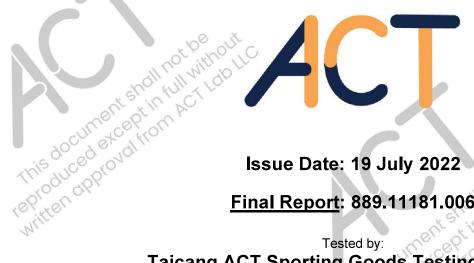
Country of Origin Age Grading

Children's Product

repared For:

Troy Lee Designs

155 East Rincon Street
Corona, Califo



Issue Date: 19 July 2022

Final Report: 889.11181.006

Tested by:

Taicang ACT Sporting Goods Testing Co., Ltd.

No. 35 Zhenghe Road, Ludu Town, Taicang City, Suzhou, Jiangsu Province, China 215412 www.act-lab.com

This document shall not be reproduced except in full without written approval from ACT Lab LLC.



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer joint ISO-ILAC-IAF Communiqué dated April 2017.) The Joint Communiqué is available on publications and resources page of the ILAC website at http://www.ilac.org. Accreditation listing and certificate can be found at http://www.iasonline.org.

Contract File No.: 889.11181

Test File: 006

-IIMent shall Control Document: Official ACT NTA 8776 Report Template CN 26 April 2022 Rev.4 SharePoint/GlobalResourceLibrary/Reporting/ReportTemplates/Helmets/NTA

Technician: Edward Wang VCBOtin full with Test Date: 11 July 2022 trom Actido



HELMET DATA

Brand:	Troy Lee Designs	Retention System:	Fidlock
Model:	FLOWLINE SE MIPS	Age Grading:	5 and older
Manufacturer:	VENDOR	Test Headform Size:	EN 960 Size 535 (E)
Date of Manufacture:	TBD	Helmet Positioning Index (HPI):	ACT Determined: 29 mm *Measured from the basic plane
Tested Size:	53-56 cm	EPS Bead Color:	Black and Grey

Helmet Number:	Weight (g):
1	315
2	317
3	313
4	316
Average:	310

-				
	Conditioned Ter	mperatures		
0	Lab Humidity: 57%			
8	Ambient Lab Temp.:	22°C		
>	High Temperature	50°C		
ĺ	Low Temperature:	-20°C		
	Artificial Aging:	33°C		

Comments:

- 1. All helmets were received in undamaged condition and were appropriate for testing.
- All helmets were received in undamaged condition and were appropriate for testing. The accompanying helmet labels were submitted independently from the test samples and thus could not be checked for any characteristics except for the containing information. The average helmet weight reported calculated by manufactures complete helmet weight individual weights listed in the table above for samples 1-4 are as prostoriously 5.6. The helmets were exposed to "

 4 hours pri through 5.6.
- 4 hours prior to testing and not exposed more than 6 hours.
- helmet shall be exposed successively to: ultraviolet irradiation by a 125 W xenon-filled quartz lamp for 48 h at a range of 250 mm; spraying for 4 h to 6 h with water at a range.
 - 6. The sequence of tests performed on each helmet size and the tests performed on the same sample are given in the table below:

Table 2 — Sequence of Test and Tests per Sample

Performance Test	Sequence of Test	Sample Number		nber
Retention system effectiveness (5.6)	1st	1		
Shock absorbing capacity (5.4)	2nd	1	2	3
Retention system strength (5.5)	3rd		2	3

The fourth sample is reserved as a reference sample, which can be used by the test laboratory in case of doubt about any of the performance requirements.

Reviewed by: John Bogler

Contract File No.: 889.11181

Test File: 006

Control Document: Official ACT NTA 8776 Report Template CN 26 April 2022 Rev.4 SharePoint/GlobalResourceLibrary/Reporting/ReportTemplates/Helmets/NTA

Technician: Edward Wang VCBOLIN FULL WITH Test Date: 11 July 2022 -IIMent shall n from ACT LOID

written oppro