Test Report
ANSI/ISEA 121-2023

Pure Safety Group, Inc.
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Suite 800, Pasadena, TX 77053

Test Report Number: 20260305TTB300BNLBZP-R
Job Number: Test 1350
Product SKU#: TTB300BNLBZP-R
Product Type: Dropped Object Prevention
Product Description: Retail Pack Zipper Closure Tethered Tool Bucket
Testing Standard: ANSI/ISEA 121-2023, American National Standard for Dropped Object Prevention Solutions
Date(s) of Manufacture: 9/01/2023
Date(s) of Testing: 10/10/2023, 10/11/2023

REQUIREMENT VERIFICATION

Requirement Description	Clause/Section	Result
General Requirements	3.1 General	Meets or Exceeds
Markings, Labeling, and Instructions	9. Markings and Instructions	Meets or Exceeds

QUALIFICATION TESTING

Test Description	Test Date	Clause/Section	Result
Independent Dynamic Test (Dry)	10/11/2023	6.3.3 Dynamic Test Procedure for Fixed Length Tethers	Pass
Independent Dynamic Test (Wet)	10/11/2023	6.3.3 Dynamic Test Procedure for Fixed Length Tethers	Pass
Independent Dynamic Test (Cold)	10/11/2023	6.3.3 Dynamic Test Procedure for Fixed Length Tethers	Pass
Independent Dynamic Test (Hot)	10/11/2023	6.3.3 Dynamic Test Procedure for Fixed Length Tethers	Pass
Containers Dynamic Test (Dry)	10/10/2023	7.3.3 Dynamic Test Procedure	Pass
Containers Dynamic Test (Wet)	10/10/2023	7.3.3 Dynamic Test Procedure	Pass
Containers Dynamic Test (Cold)	10/10/2023	7.3.3 Dynamic Test Procedure	Pass
Containers Dynamic Test (Hot)	10/10/2023	7.3.3 Dynamic Test Procedure	Pass
Containers Dynamic Test (Tensile, Dry)	10/11/2023	7.3.4 Static Test Procedure	Pass
Static Test Procedure (Dry)	10/11/2023	7.3.5 Static Test Procedure for Containers with Closure Systems	Pass
Static Test Procedure (Wet)	10/11/2023	7.3.5 Static Test Procedure for Containers with Closure Systems	Pass
Static Test Procedure (Cold)	10/11/2023	7.3.5 Static Test Procedure for Containers with Closure Systems	Pass
Static Test Procedure (Hot)	10/11/2023	7.3.5 Static Test Procedure for Containers with Closure Systems	Pass

This test report covers these additional products:

Please contact quality@guardianfall.com for signed report.

TEST EQUIPMENT		
EQUIPMENT	MODEL	SERIAL
Load Cell	1220ACK-25K-B	347989A
Environmental Chamber	SM-16-8200	49357
Environmental Chamber	S-8-8200	46336
Scale	TLI	02314063019
Measuring Tape	Kutir	56-7533

3.1	**General**	
3.1.1	Demonstration of conformity to the requirements of this standard shall be in accordance with ANSI/ISEA 125-2014, American National Standard for Conformity Assessment of Safety and Personal Protective Equipment. The supplier shall select the level of conformity assessment claimed, and such level shall be clearly indicated in any claim, in any form, that references compliance with ANSI/ISEA 125.	Meets or Exceeds
3.1.2	Suppliers shall not claim compliance with any part of the requirements of this standard and shall not use the name or identification of this standard in any statements regarding their respective products unless the product conforms fully to this standard.	Meets or Exceeds
3.2	**Documentation**	
3.2.1	Dropped object solutions shall be tested to verify compliance with the requirements specified in this standard. At a minimum, the information found in the Performance Testing Report (Appendix B1) shall be maintained by the supplier.	Meets or Exceeds
3.2.2	A Declaration of Conformity shall be developed for all models for which supplier's claims of compliance with this standard are made. At a minimum, the information found on the form in Appendix B2 shall be provided. NOTE: A device with design parameters equivalent to a compliant device may be considered compliant if variations do not affect the integrity of the product's design or performance.	Meets or Exceeds
3.2.3	The issuer of the Declaration of Con-formity shall have procedures in place to ensure the continued conformity of the product, as deliv-ered or accepted, with the stated requirements of the Declaration of Conformity. The issuer of the Declaration of Conformity shall have proce-dures in place to re-evaluate the validity of the Declaration of Conformity, in the event of:	
a)	changes significantly affecting the de-sign or specification of the product;	Meets or Exceeds
b)	changes in the standards to which con-formity of the product is stated;	Meets or Exceeds
c)	changes in the ownership or structure of the supplier, if relevant; or	Meets or Exceeds
d)	relevant information indicating that the product may no longer conform to the specified requirements.	Meets or Exceeds

9	Markings and Labeling	
9.1	**General** Each solution shall be marked. The marking shall be:	Meets or Exceeds
	on the product itself or on labels attached to the product;	Meets or Exceeds
	permanently affixed so as to be visible and legible, and intended to last the life of the product;	Meets or Exceeds
	provided in at least English.	Meets or Exceeds
9.2	**Product Label Requirements** The following information shall be included on labeling attached to the solution:	
a)	Name, trademark or other means of identification of the supplier (for all solu-tions);	Meets or Exceeds
b)	Part number or model designation;	Meets or Exceeds
c)	Date of manufacture, batch/lot code, or serial number sufficient to provide trace-ability;	Meets or Exceeds
d)	Published capacity with any limitations of compatibility and applicable unit of measure;	Meets or Exceeds
e)	Number of this specific ANSI standard (ANSI/ISEA 121-2023);	Meets or Exceeds
f)	Tether length to include expandable tethers (for tool tethers only);	Meets or Exceeds
g)	Max tether length to include expandable tethers (for anchor points, attachments and if applicable, containers).	Meets or Exceeds
9.3	**Instructions for Use** Suppliers shall provide instructions for use for solutions. At a minimum, the following infor-mation shall be given:	
a)	Necessary warnings;	Meets or Exceeds
b)	Limitations on use;	Meets or Exceeds
c)	Minimum and maximum size for geome-try of solutions including but not limited to tool diameter, person size, etc;	Meets or Exceeds
d)	Inspection details;	Meets or Exceeds
e)	Clearance distance, if different from max tether length.	Meets or Exceeds

Notes

All measurements expressed at approximately 95% confidence level using coverage factor K=2

6.3.3 Fixed Length Attachments Dynamic Test
dry requirements per 6.3.3

a) The tether sample shall be anchored to a rigid test structure directly or to a test cable rigged to a rigid anchor referenced in section 6.3.2.(c). If the tool tether is part of an integral assembly, then that assembly shall be mounted to a fixed anchor.

b) Perform a drop with a test weight equal to twice the supplier's published capacity with a free fall distance of twice the specified tether length. The test weight's longest axis shall be positioned vertically and shall be released from a point no more than six inches (152 mm) horizontally on center of the fixed anchor point.

c) Follow this pro-cedure for the first drop and then perform two additional drops using a weight equal to the sup-plier's published capacity. A total of three drops shall be recorded.

6.3.3 Fixed Length Attachments Dynamic Test
dry requirements per 6.3.3

Requirement	Sample # 05B	Sample # 05B	Sample # 05B
Freefall distance (in.) (2x manufacturer capacity)	20	20	20
Test Weight (lb)	12	6	6
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

6.3.3 Fixed Length Attachments Dynamic Test
wet requirements per 6.3.3

a) Immerse in water at 68 ± 4°F (20 ± 2°C) for a minimum of 2 hours

b) The tether sample shall be anchored to a rigid test structure directly or to a test cable rigged to a rigid anchor referenced in section 6.3.2.(c). If the tool tether is part of an integral assembly, then that assembly shall be mounted to a fixed anchor.

c) Perform a drop with a test weight equal to twice the supplier's published capacity with a free fall distance of twice the specified tether length. The test weight's longest axis shall be positioned vertically and shall be released from a point no more than six inches (152 mm) horizontally on center of the fixed anchor point.

d) Follow this pro-cedure for the first drop and then perform two additional drops using a weight equal to the sup-plier's published capacity. A total of three drops shall be recorded.

6.3.3 Fixed Length Attachments Dynamic Test
wet requirements per 6.3.3

Requirement	Sample # 06	Sample # 06	Sample # 06
Freefall distance (in.) (2x manufacturer capacity)	20	20	20
Test Weight (lb)	12	6	6
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

Notes

6.3.3 Fixed Length Attachments Dynamic Test
cold requirements per 6.3.3

a) Condition at -35 ± 4°F (-35 ± 2°C) for a minimum of 2 hours

b) The tether sample shall be anchored to a rigid test structure directly or to a test cable rigged to a rigid anchor referenced in section 6.3.2.(c). If the tool tether is part of an integral assembly, then that assembly shall be mounted to a fixed anchor.

c) Perform a drop with a test weight equal to twice the supplier's published capacity with a free fall distance of twice the specified tether length. The test weight's longest axis shall be positioned vertically and shall be released from a point no more than six inches (152 mm) horizontally on center of the fixed anchor point.

d) Follow this pro-cedure for the first drop and then perform two additional drops using a weight equal to the sup-plier's published capacity. A total of three drops shall be recorded.

6.3.3 Fixed Length Attachments Dynamic Test
cold requirements per 6.3.3

Requirement	Sample # 08B	Sample # 08B	Sample # 08B
Freefall distance (in.) (2x manufacturer capacity)	20	20	20
Test Weight (lb)	12	6	6
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

6.3.3 Fixed Length Attachments Dynamic Test
hot requirements per 6.3.3

a) Condition at 113 ± 4°F (45 ± 2°C) for a minimum of 2 hours

b) The tether sample shall be anchored to a rigid test structure directly or to a test cable rigged to a rigid anchor referenced in section 6.3.2.(c). If the tool tether is part of an integral assembly, then that assembly shall be mounted to a fixed anchor.

c) Perform a drop with a test weight equal to twice the supplier's published capacity with a free fall distance of twice the specified tether length. The test weight's longest axis shall be positioned vertically and shall be released from a point no more than six inches (152 mm) horizontally on center of the fixed anchor point.

d) Follow this pro-cedure for the first drop and then perform two additional drops using a weight equal to the sup-plier's published capacity. A total of three drops shall be recorded.

6.3.3 Fixed Length Attachments Dynamic Test
hot requirements per 6.3.3

Requirement	Sample # 07B	Sample # 07B	Sample # 07B
Freefall distance (in.) (2x manufacturer capacity)	20	20	20
Test Weight (lb)	12	6	6
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

Notes

7.3.3 Dynamic Test Procedure
dry requirements per 7.3.3

a) For portable containers, connect the test sample to a fixed anchor point so that it is oriented in the correct lifting position

b) Place a rigid weight equal to the supplier's published capacity into the container and perform a drop with free fall distance of twice the length of the lifting element or twice the supplier's allowable tether length, whichever is greater.

c) Follow this test with two additional drops utilizing the same free fall distance and a rigid weight equal to the supplier's published capacity for a total of three tests on each test sample

7.3.3 Dynamic Test Procedure
dry requirements per 7.3.3

Requirement	Sample # 01	Sample # 01	Sample # 01
Drop Sequence	1	2	3
Freefall distance (in.)	36	36	36
Test Weight (lb)	200	100	100
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

7.3.3 Dynamic Test Procedure
wet requirements per 7.3.3

a) Immerse in water at 68 ± 4°F (20 ± 2°C) for a minimum of 2 hours

b) For portable containers, connect the test sample to a fixed anchor point so that it is oriented in the correct lifting position

c) Place a rigid weight equal to the supplier's published capacity into the container and perform a drop with free fall distance of twice the length of the lifting element or twice the supplier's allowable tether length, whichever is greater.

d) Follow this test with two additional drops utilizing the same free fall distance and a rigid weight equal to the supplier's published capacity for a total of three tests on each test sample

7.3.3 Dynamic Test Procedure
wet requirements per 7.3.3

Requirement	Sample # 04	Sample # 04	Sample # 04
Drop Sequence	1	2	3
Freefall distance (in.)	36	36	36
Test Weight (lb)	200	100	100
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

7.3.3 Dynamic Test Procedure
cold requirements per 7.3.3

a) Condition at -35 ± 4°F (-35 ± 2°C) for a minimum of 2 hours

b) For portable containers, connect the test sample to a fixed anchor point so that it is oriented in the correct lifting position

c) Place a rigid weight equal to the supplier's published capacity into the container and perform a drop with free fall distance of twice the length of the lifting element or twice the supplier's allowable tether length, whichever is greater.

d) Follow this test with two additional drops utilizing the same free fall distance and a rigid weight equal to the supplier's published capacity for a total of three tests on each test sample

7.3.3 Dynamic Test Procedure
cold requirements per 7.3.3

Requirement	Sample # 03B	Sample # 03B	Sample # 03B
Drop Sequence	1	2	3
Freefall distance (in.)	36	36	36
Test Weight (lb)	200	100	100
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

7.3.3 Dynamic Test Procedure
hot requirements per 7.3.3

a) Condition at 113 ± 4°F (45 ± 2°C) for a minimum of 2 hours

b) For portable containers, connect the test sample to a fixed anchor point so that it is oriented in the correct lifting position

c) Place a rigid weight equal to the supplier's published capacity into the container and perform a drop with free fall distance of twice the length of the lifting element or twice the supplier's allowable tether length, whichever is greater.

d) Follow this test with two additional drops utilizing the same free fall distance and a rigid weight equal to the supplier's published capacity for a total of three tests on each test sample

7.3.3 Dynamic Test Procedure
hot requirements per 7.3.3

Requirement	Sample # 02	Sample # 02	Sample # 02
Drop Sequence	1	2	3
Freefall distance (in.)	36	36	36
Test Weight (lb)	200	100	100
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

7.3.4 Static Test Procedure (Tensile)
dry requirements per 7.3.4

a) place the static test plate inside the container and apply the load from the bearing point of the lifting element or mounting point of the container to the center of the container bottom

b) Subject the container to five times the published load at a rate of two inches (51 mm) per minute and hold the load for one minute.

7.3.4 Static Test Procedure (Tensile)
dry requirements per 7.3.4

Requirement	Sample # 03A
Actual load applied (lb)	531.47
Load held?	Yes
Result/Assessment	Pass

7.3.5 Static Test Procedure for Containers with Closure Systems
dry requirements per 7.3.5

a) place two times the supplier's published capacity of fluid weight inside the container.

b) With the container sitting in the upright position, lift from the bottom of the container so that the container is to flip and send the weight against the closure system.

c) Raise the container into an inverted position. Maintain the load for one minute

7.3.5 Static Test Procedure for Containers with Closure Systems
dry requirements per 7.3.5

Requirement	Sample # 05A
Actual load applied (lb)	100
Load held?	Yes
Result/Assessment	Pass

7.3.5 Static Test Procedure for Containers with Closure Systems
wet requirements per 7.3.5

a) Immerse in water at 68 ± 4°F (20 ± 2°C) for a minimum of 2 hours

b) place two times the supplier's published capacity of fluid weight inside the container.

c) With the container sitting in the upright position, lift from the bottom of the container so that the container is to flip and send the weight against the closure system.

d) Raise the container into an inverted position. Maintain the load for one minute

7.3.5 Static Test Procedure for Containers with Closure Systems
wet requirements per 7.3.5

Requirement	Sample # 06A
Actual load applied (lb)	100
Load held?	Yes
Result/Assessment	Pass

Notes

7.3.5 Static Test Procedure for Containers with Closure Systems
cold requirements per 7.3.5

a) Condition at -35 ± 4°F (-35 ± 2°C) for a minimum of 2 hours

b) place two times the supplier's published capacity of fluid weight inside the container.

c) With the container sitting in the upright position, lift from the bottom of the container so that the container is to flip and send the weight against the closure system.

d) Raise the container into an inverted position. Maintain the load for one minute

7.3.5 Static Test Procedure for Containers with Closure Systems
cold requirements per 7.3.5

Requirement	Sample # 08A
Actual load applied (lb)	100
Load held?	Yes
Result/Assessment	Pass

7.3.5 Static Test Procedure for Containers with Closure Systems
wet requirements per 7.3.5

a) Condition at 113 ± 4°F (45 ± 2°C) for a minimum of 2 hours

b) place two times the supplier's published capacity of fluid weight inside the container.

c) With the container sitting in the upright position, lift from the bottom of the container so that the container is to flip and send the weight against the closure system.

d) Raise the container into an inverted position. Maintain the load for one minute

7.3.5 Static Test Procedure for Containers with Closure Systems
hot requirements per 7.3.5

Requirement	Sample # 07A
Actual load applied (lb)	100
Load held?	Yes
Result/Assessment	Pass

Pictured: TTB300BNLBZP
Represents all part #s