

DECLARATION OF CONFORMITY

Declaration Date: 04.30.2021

Rev. 0

DECLARATION NO.	ETR-61010_R1
PART NUMBER(S):	61010
PART DESCRIPTION:	Squatch Cart
<u>ADDITIONAL INFORMATION REGARDING THIS DOCUMENT OR STANDARD(S) EVALUATED:</u> • When testing the Squatch Cart as a single ballasted anchor, drop tests were limited to 2 consecutive drops. • When testing and HLL system using two Squatch Carts, drop tests were limited to 3 consecutive drops. • Testing was performed on smooth concrete. • Testing was performed on soil and clay packed composition ground.	

TIE DOWN ENGINEERING DECLARES THAT THE PRODUCT(S) LISTED ABOVE IS IN CONFORMITY WITH THE REQUIREMENTS OF THE FOLLOWING PERFORMANCE STANDARDS.

STANDARD(S):
• OSHA 1910 Personal Fall Protection Systems • OSHA 1926 Fall Protection Systems Criteria and Practices

*** This certificate declares that the above standard(s) was met by the requirements of such standard(s). Testing was performed under normal operating measures. The results of testing apply only to the sample(s) tested and to the specific test(s) performed. This certificate is only issued for products which have passed the testing requirements of the standard(s) listed. The end-user is responsible for using the product(s) for its intended purpose(s) only and must review all manuals and instructional documentation prior to use. ***

Test Report		
Test Operator(s):	Wilson Ha, Daniel Mathis	
Test Date:	4/30/2021, 4/12/2023	
Part Number(s):	61010	
Part Revision:	1	
Internal Test Report:	ITR-61010_R1	
Third Party (if applicable):		
Test Summary		
Test Specification	Test Criteria	Test Result
OSHA 1910 Subpart I App D OSHA 1926 Subpart M App C	6 ft. freefall drop test using a 310 lb. test mass - Test performed with 6 ft. PEA's. - Test mass must not hit the ground or floor.	PASS
OSHA 1910.140(d)	1910.140(d) - Personal fall arrest systems— 1910.140(d)(1) - System performance criteria. In addition to the general requirements in paragraph (c) of this section, the employer must ensure that personal fall arrest systems: 1910.140(d)(1)(i) - Limit the maximum arresting force on the employee to 1,800 pounds (8 kN); 1910.140(d)(1)(ii) - Bring the employee to a complete stop and limit the maximum deceleration distance the employee travels to 3.5 feet (1.1 m); 1910.140(d)(1)(iii) - Have sufficient strength to withstand twice the potential impact energy of the employee free falling a distance of 6 feet (1.8 m), or the free fall distance permitted by the system;	PASS
OSHA 1926.502(d)	1926.502(d)(8) - Horizontal lifelines shall be designed, installed, and used, under the supervision of a qualified person, as part of a complete personal fall arrest system, which maintains a safety factor of at least two. 1926.502(d)(16) - Personal fall arrest systems, when stopping a fall, shall: 1926.502(d)(16)(i) - limit maximum arresting force on an employee to 900 pounds (4 kN) when used with a body belt; 1926.502(d)(16)(ii)	PASS

	- limit maximum arresting force on an employee to 1,800 pounds (8 kN) when used with a body harness; 1926.502(d)(16)(iii) - be rigged such that an employee can neither free fall more than 6 feet (1.8 m), nor contact any lower level; 1926.502(d)(16)(iv) - bring an employee to a complete stop and limit maximum deceleration distance an employee travels to 3.5 feet (1.07 m); and, 1926.502(d)(16)(v) - have sufficient strength to withstand twice the potential impact energy of an employee free falling a distance of 6 feet (1.8 m), or the free fall distance permitted by the system, whichever is less.	
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Recommendations:

****Always refer to instruction manuals and safety guidelines prior to setup****

Squatch Cart – Single Unit

- **Weight of unit: ~1200 lbs.**
- **Minimum Setup Distance to Leading Edge: 8 feet**
- **Max 2 Workers in Fall Arrest**

HLL Rope System Using (2) Squatch Carts

- **Only use approved HLL rope systems**
- **Max HLL span: 100 feet**
- **Always follow Fall Clearance guidelines for the specific HLL rope system being used.**
- **Minimum Setup Distance of the Squatch Carts to Leading Edge: 15 feet**
 - ****Refer to the HLL rope system Fall Clearance guidelines to increase setup distance as necessary for proper Fall Clearances per worker attached.**
- **Max 3 workers in Fall Arrest per HLL**