

DECLARATION OF CONFORMITY

Declaration Date: 04.21.2020

Internal Reference Document: ITR-60060US_R0

Rev. 0

DECLARATION NO.	ETR-60060US_R0
PART NUMBER:	60060US
PART DESCRIPTION:	Big Foot (U.S. Model)
TEST SPECIFICATION(S):	<p>OSHA 1926</p> <ul style="list-style-type: none"> Successfully pass a drop test with a 310 lb. test weight. <p>ANSI Z359.6</p> <ul style="list-style-type: none"> Dynamic or energy analysis of ballasted anchorages.
<u>ADDITIONAL INFORMATION REGARDING THIS DOCUMENT OR STANDARD(S) EVALUATED:</u>	

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

STANDARD(S):
<ul style="list-style-type: none"> OSHA 1926 Fall Protection Criteria ANSI / ASSE Z359.6-2016 Specifications and Design Requirements for Active Fall Protection Systems

AUTHORIZED BY:

NAME	TITLE	DATE
WILSON HA	ENGINEER	2020-21-04
TRAVIS TURNER	ENGINEERING MANAGER	2020-21-04
SLOAN MACKARVICH	CHIEF BUSINESS DEVELOPMENT OFFICER	2020-21-04

This Certificate is a guarantee that the above standard(s) was met by the requirements of such standard. Testing was performed under normal operation mode. The results of testing apply only to the particular sample tested and to the specific test carried out. This Certificate is only issued for products which have passed the testing requirements of listed standard(s).

Test Report		
Test Operator(s):	Wilson Ha, Travis Turner	
Test Date:	3/24/2020	
Part Number:	60060US	
Part Revision:	0	
Internal Test Report:	ITR-60060US_R0	
Third Party (if applicable):		
Test Summary		
Test Specification	Test Criteria	Test Result
OSHA 1926.502	<ul style="list-style-type: none"> Drop test, using a 310 lb. test weight and 6ft. PEA lanyard. Must 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. Test weight must not hit the ground 	PASS
ANSI Z359.6 Clauses: 4.6.10.3.1	<ul style="list-style-type: none"> Using dynamic or energy analysis to determine the proper distance the ballasted anchorage must be away from the leading edge for safe use. The closest edge of the anchorage connector shall be located a distance from the unprotected edge that is at least 2 times the calculated distance that the anchorage connector will slide before the fall has been arrested or 8 feet, whichever is greater. 	PASS

Conclusion

- The Big Foot (U.S. Model) was able to successfully stop a 310 lb. drop test, causing the ballasted anchor to slide no more than 33 inches.
- Weight of Big Foot (U.S. Model): ~750 lbs.
- Max 1 worker in fall arrest per unit.**
- Max 2 workers in fall/travel restraint per unit**
- Per the ANSI standard, the **minimum distance** the product should be setup is **8 feet from the leading edge.**