Protective Playground Surface Test Report

Report Date:

There shall be one report for each play structure or functionally linked play structures and for each type of surface material. Each test shall comprise of a minimum of 3 impact locations per playspace or type of surfacing material with three drops from the same height to the same point. The report shall be descriptive enough to assist the user of the report in determining compliance with contracts and Standards. The ASTM F1292-18, CSA Z614-20, and CPSC doc 325 set minimum values as the Gmax shall not exceed 200 and the HIC shall not exceed 1000 from the drop height stipulated by the owner/operator prior to purchase. ASTM F3313-19 is a field test requiring compliance to ASTM F1292 values. The reporting requirements are presented here.

Agency requesting the tests	Playground Site	Manufacturer/Supplier/Installer of Surface
Name	Name	Name
Address	Address	Address
City State	City State	City State
Zip Country	Zip Country	Zip Country
Contact name	Contact name	Contact name
Contact phone	Contact phone	Contact phone

Date of test:		Test apparatus s/n:		Triax Touch		Training Certificate #							
Description of surface(s):													
Type:		Product name:		Date installed:		Critical height:							
Specified Height Test Data		Height		G value		HIC value		Drop Height :					
Thickness of surface material:		maximum:		Minimum:		average:							
Accessible route		Width of accessible route met		Running slope met		Cross Slope met							
Seams: location:		gaps and condition & width:		level across seams:									
Fasteners:		type:		condition:		Use Zone met		Failures at					
Weather condition of test:		frozen:		dry:		wet:							
Surface condition;		Change in vertical height		Location									
Temperature: ambient air:		surface temperature at the lesser of 1" or 50% of the depth of the surface:											
Reference pretest drops completed:		Gmax within 5% of nominal Gmax:											
Mats, walkways or ramps;		number:		condition:		requires impact test:		yes/no					
Other comments		test locations:		As directed by F3313									

ASTM F3313-18 stipulates that the drop height for each test location shall be the greater of the fall height for the play structure as stated in the relevant playground Standard or the height specified by the owner/operator prior to purchase. The drop height is physically measured. The drops are performed from the same drop height to the same point on the surface.

Insert a screenshot of report from the uploaded Triax data. (drop #, measured drop height, surface depth, test location and picture reference, drop velocity, g, HIC for each drop and average of drop 2 & 3)The person uploading the data from the SD card to the PC will in the comment for drop #1 for each series describe the location of the test, the drop height and depth of surface, the comment for drop #2 will contain the reference file name for the picture associated with the drop location showing the missile at the drop height, while the comment for drop #3 will indicate the value for g and HIC as the average of drops 2 & 3.

The results herein reflect the performance of the tested playground surface at the time of testing and at the temperature(s) and ambient conditions reported. Performance will vary with temperature, moisture content and other factors.

Test performed by:		Authorized signature:	

This form is used under a license between the person performing the test and Canadian Playground Advisory Inc. A list of licensed users can be viewed at www.playgroundadvisory.com and means their device is within calibration and their training is current.

Pictures of each test location showing the Triax system missile in the drop position follows: