



**ista**

# TECHNICAL CHANGE REQUEST FORM

distributing confidence, worldwide.

This form is to be submitted when proposing a revision, amendment, or addition to an existing ISTA Test Procedure or Project. Supporting documentation can be submitted with this form. The submission will be handled according to the ISTA Technical Division Operating Guide.

This form only relates to technical changes to existing procedures or projects. For new test project proposals use the New Test Protocol Request Form).

**IMPORTANT NOTE:** Submissions without adequate information and justification risk rejection or referral back to the originator.

<b>Modification of:</b> ISTA 6-Amazon.com-Over Boxing	<b>Version Date:</b> 2016	<b>Revision Date:</b> August 2016
<b>Submitted by:</b> ISTA & Amazon		<b>Submittal Date:</b> September 12, 2017
<b>Company:</b>		<b>E-Mail:</b>
<input checked="" type="checkbox"/> Shipper <input type="checkbox"/> Shipper Lab <input type="checkbox"/> Carrier <input type="checkbox"/> Carrier Lab <input type="checkbox"/> Supplier <input type="checkbox"/> Supplier Lab <input type="checkbox"/> Independent Test Lab		
ISTA Member ID:		
How would you characterize your proposed modification? Please check only one item.  <input type="checkbox"/> Critical and needs immediate consideration <input checked="" type="checkbox"/> Docket for next Testing Council meeting <input type="checkbox"/> Consider for next revision		

## FOR TECHNICAL CHANGES

### General Description of Suggested Change:

#### Removal of Top Load from Vibration –

Questions have been raised about whether a collapsed over box was to be considered in the pass/fail criteria of this test. Since this variable is not being evaluated because of this testing, it is suggested that the top load be removed from the vibration sequence of this test. The over box should be a static variable as the intent of this test is to understand the interactions of the products within the over box. Introducing a variable of box integrity when the product manufacturer does not have control or influence over this variable creates an unnecessary testing element within ISTA 6-Amazon.com-Over Boxing.

Additionally, real world correlation does not show collapsed over boxes. This is likely due to a decreased freight density for these packages types as Amazon is loading trailers for the carriers with similar over box packages which have a maximum weight of 70 pounds. That maximum package weight is over 50% less than the small parcel maximum package weight. These fully load trailers from Amazon are traveling further in small parcel carrier networks due to practice called zone skipping. This reduces the exposure of the Over Box packages to those packages generally found in the small parcel shipping environment which can weigh up to 150 pounds.

Ensuring adequate exterior package integrity should be the independent element evaluated by Amazon and should not be the burden of the vendor (product manufacturer).

This change will help deliver greater consistency with testing done at various laboratories by reducing false failures when over boxes collapse during testing. Another benefit to this change would be a significantly improve package testing through put for labs.

**Basis for Suggestion (Issue with Present Content of Protocol, Better Simulation, etc.):**

See above.

**Present Wording and/or Graphics (if applicable):**

Existing wording on testing orientation and duration will remain with all reference to top load and top load apparatus being removed from the test protocol.

**SUBMIT TO ISTA, Attention Technical Division:**

1400 Abbot Road, Suite 160  
East Lansing, MI 48823-1900  
Ph. 1 517.333.3437 Fax 1 517.333.3813  
[www.ista.org](http://www.ista.org) <mailto:ista@ista.org>