

Attached is a copy of the approval letter from the DOT expanding the +/-5% tolerance for Basis Weights for corrugated used in HazMat Packaging to include those grades of containerboard (linerboard and medium) that are used for ECT board combinations. These grades of containerboard frequently are not manufactured to a specific nominal basis weight. The requirement is now that these grades of containerboard may be used in HazMat Packaging as long as the organization submitting the package for testing specifies a "nominal" Basis Weight for the containerboard components and these nominal Basis Weights are shown on the Test Report [and the initial board evaluation confirms that the actual Basis Weight(s) are within +/- 5% of the stated nominal(s)]. **I think this a workable solution.** Box plants may have to single-source "Performance" grades of containerboard to have some assurance that the nominal Basis Weight specified will remain fairly constant (within the +/-5% tolerance) of the originally specified nominal(s). Some of you may have procedures that work for you for Tare Weight packages that would also apply here.

-Dave Carlson, FBA Technical Director



**Pipeline and Hazardous  
Materials Safety Administration**

**APPROVAL CA2006060006**

**(Second Revision)**

**ISSUED BY THE COMPETENT AUTHORITY OF THE UNITED STATES**

**Expiration Date: October 31, 2012**

1. **APPROVAL HOLDER:**      **Fibre Box Association**  
25 Northwest Point Blvd. Suite 510  
Elk Grove Village IL 60007
  
2. **REGULATORY AUTHORITY:** 49 CFR § 178.601(h) - Approval of  
equivalent packagings.
  
3. **SYNOPSIS:** The Fibre Box Association (FBA) is authorized to  
manufacture, mark and sell UN4G combination packagings with  
outer fiberboard boxes and with inner fiberboard components  
that have individual containerboard basis weights that vary  
by plus or minus 5% from the nominal basis weight reported  
in the initial design qualification test report as not  
being as different packagings in accordance with the  
provisions of this approval.
  
4. **BASIS:** This approval is issued in response to the Fibre  
Box Association's (FBA) original application dated May 16,  
2006 and request for revision dated October 19, 2007.
  
5. **PERIOD OF VALIDITY AND CONDITIONS OF APPROVAL:** This  
approval does not provide relief from any requirements of  
the Hazardous Materials Regulations except as stated  
herein. This approval is valid until the posted expiration  
date or until terminated by the Associate Administrator for  
Hazardous Materials Safety.
  - a. **Approved Materials:** All materials authorized to be  
transported in UN4G packagings may be transported in  
packagings authorized under the terms of this approval.
  
  - b. **Testing:** During initial design qualification testing and  
in all subsequent periodic retesting, each packaging design  
type used under the terms of this approval must have the

basis weight measured and reported to the nearest 0.1 pound. All periodic retest reports must show both the measured value for the packages used in the retest and the values measured during the initial design qualification test.

6. **SPECIAL PROVISIONS:**

a. A current copy of this approval must be maintained and made available for examination at each location where materials are packaged and offered for transportation.

b. Any person who offers for transportation or transports the above-described package(s) may do so under the authority of this approval if all requirements and conditions of this approval are met.

c. Any person who receives a package covered by this approval may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this approval.

7. **GENERAL PROVISIONS:**

a. Failure by any person to comply with the terms and conditions of this approval and the Hazardous Materials Regulations, 49 CFR Parts 171-180, may result in the modification, suspension or termination of that person's authority to use this approval. Failure to comply may also subject that person to penalties prescribed by 49 U.S.C. §§ 5123 and 5124. This approval may be modified, suspended or terminated in its entirety if that action is justified in light of changes in circumstances or additional information not available when this approval was issued. Unless immediate modification, suspension or termination is necessary to avoid a risk of significant harm to persons or property, before action is taken, that person will be notified and provided with an opportunity to show why the proposed action should not be taken.

b. Each "Hazmat employee," as defined in § 171.8, who performs a function subject to this approval must be provided training on the requirements and conditions of this approval in addition to the training required by §§ 172.700 through 172.704.

c. Any person operating under the terms of this approval must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.

Issued in Washington, D.C.

Dated: October 30, 2007

Approved by:



**Theodore L. Willke**  
**Associate Administrator**  
**for Hazardous Materials Safety**

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration, Department of Transportation, Washington, D.C. 20590. Attention: PHH-31.