



DISPOSITION BULLETIN 1309

October 23, 2009

NOTICE OF DISPOSITION – DOCKET 2009-3

This notice reflects proposed amendments considered by the Commodity Classification Standards Board (CCSB) at the public meeting on October 19, 2009, and the action of the CCSB on each proposal.

Dispositions resulting in amendments to the *National Motor Freight Classification (NMFC)* will be published in a supplement to the *NMFC*, unless reconsideration is granted or arbitration is requested in accordance with the CCSB's rules. The supplement is scheduled to be issued on December 10, 2009, with an effective date of January 9, 2010, except as otherwise noted.

The CCSB may, in its discretion and for good cause shown, reconsider any docketed proposal on which disposition has been made. Requests for reconsideration must be made by mail, email or fax and must be received in my office no later than the close of business November 18, 2009.

If the proponent of a proposal or any party of record to a proposal disagrees with the disposition of that proposal, they may request neutral arbitration. Requests for arbitration must be made by mail, email or fax and must be received in my office no later than the close of business November 18, 2009.

Information on the CCSB, its procedures for amending the *NMFC* and its rules governing arbitration—including a list of available neutral arbitrators—may be obtained online at www.nmfta.org. Go to "CCSB" on the navigation bar. If you do not have Internet access, or if you need assistance, please contact me at 703-838-1826 or ringer@nmfta.org.

Please reference the docket and subject numbers on all correspondence.

COMMODITY CLASSIFICATION STANDARDS BOARD

Joel L. Ringer
Chairman

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SUBJECT 1 — DOCKET 2009-3 — APPROVED AS MODIFIED

Item	Description	Class
63825	Exhibits , museum, Articles of Antiquity or Antiques , see Note, item 63826.....	No Change
63826	NOTE—Does not apply on numismatic exhibits as named in item 63830; pictures or paintings subject to items 100240, 100260 or 149420; antique furniture subject to items 100240 or 100260; nor antique china or glassware subject to items 47500, ⇒A-NEW, 100240 or 100260. GLASSWARE GROUP: subject to item 87500	
87810	Bulbs or Tubes , NOI, or Bulb or Tube Subassemblies , see Note, item 87811; or Pipe, Rods or Tubing , straight, NOI, see Note, item 87812; in boxes or crates, see Note, item 87813: Subs 1-2 No Change.	
87811	NOTE—No Change.	
87812	NOTE—Products containing 90 percent or more of silica or quartz, or having fittings or pieces attached are subject to the provisions for ‘Glassware, NOI,’ per item ⇒A-NEW.	
87813	NOTE—No Change.	
87814	NOTE—No Change.	
88140	Glassware , NOI, etc.	⇒Cancel; see item A-NEW
88142	NOTE—⇒Cancel; no further application.	
88143	NOTE—⇒Cancel; no further application.	
88150	Glassware , NOI, etc.	⇒Cancel; see item A-NEW
88152	NOTE—⇒Cancel; no further application.	
88154	NOTE—⇒Cancel; no further application.	
88156	NOTE—⇒Cancel; no further application.	
88172	NOTE—⇒Cancel; no further application.	
⇒A-NEW	Glassware , NOI, with or without components or trim of other materials, in boxes or Packages 183, 213, 1346 or 2089, released to a value not exceeding \$19.00 per pound, see Note, item B-NEW, subject to Items 170 and 171 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1.....	400
Sub 2	1 but less than 2	300
Sub 3	2 but less than 4	250
Sub 4	4 but less than 6	150
Sub 5	6 but less than 8	125
Sub 6	8 but less than 10	100
Sub 7	10 but less than 12	92.5
Sub 8	12 but less than 15	85
Sub 9	15 but less than 22.5	70
Sub 10	22.5 but less than 30	65
Sub 11	30 or greater.....	60

SUBJECT 1 — DOCKET 2009-3 — APPROVED AS MODIFIED — Concluded

Item	Description	Class
⇒B-NEW	NOTE—Unless otherwise provided in individual participating carriers' tariffs, glassware moving under the provisions of item A-NEW shall only be accepted subject to a maximum liability of \$19.00 per pound. If shipper fails to declare a value, or declares a value in excess of \$19.00 per pound, shipment will not be accepted, but if the shipment is inadvertently accepted, it will be considered as being released to a value not exceeding \$19.00 per pound and the shipment will move subject to such limitation of liability. In no instance will carriers' liability exceed the actual value of the glassware lost or damaged.	

CONCURRENTLY, AMEND ITEM (RULE) 172, GOVERNING “LIMITATION OF CARRIER LIABILITY WHERE VALUE IS NOT DECLARED BY SHIPPER,” TO REFERENCE THE NEW ITEM FOR GLASSWARE, NOI, IN LIEU OF ITEM 88140.

Comment

A new item for glassware, NOI, is established subject to a released value not exceeding \$19.00 per pound and providing classes based on the CCSB's alternative standard density progression that ranges from class 400 assigned to articles with densities less than 1 pcf to class 60 assigned to articles with densities 30 pcf or greater. A new corresponding Note is also established to clarify that unless otherwise provided in carriers' tariffs, shipments moving under the new item will only be accepted subject to the \$19.00 per pound released valuation, and that if a higher valuation or no valuation is shown, the \$19.00 per pound limitation will still apply. Items 88140 and 88150 are canceled with reference to the new item, while Notes, items 88142, 88143, 88152, 88154, 88156 and 88172 are canceled with no further application. As modified, Note, item 63826 is concurrently amended to reference the new item for glassware, NOI, in lieu of item 88140; Note, item 87812 is amended to reference the new item in lieu of items 88140 and 88150; and Item (Rule) 172 is amended to reference the new item in lieu of item 88140.

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SUBJECT 2 — DOCKET 2009-3 — APPROVED AS DOCKETED

Item	Description	Class
	BOOT GROUP: subject to item 28120	
28160	⇒ Boots , NOI; Footwear , NOI, other than hosiery; Shoes , NOI; or Slippers ; in boxes ⇒150	
28161	NOTE—⇒Cancel; no further application.	
28220	Boots or Shoes , wooden or leather with wooden soles, etc ⇒Cancel; see item 28160	

Comment

The class applicable to item 28160 is increased from 100 to 150. Item 28220 is canceled with reference to item 28160. Note, item 28161 is canceled with no further application.

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SUBJECT 3 — DOCKET 2009-3 — APPROVED AS DOCKETED

Item	Description	Class
⇒111230	⊕ Lighters , see Note, item NEW, viz.: Lighters , cigar, cigarette or pipe, NOI; Lighters , multipurpose or utility, stem or nozzle type; In boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 10	125
Sub 2	10 or greater	70
⇒NEW	NOTE—Applies on lighters whether or not containing the necessary fuel.	
111232	NOTE—⇒Cancel; no further application.	
111260	Lighters , multipurpose or utility, stem or nozzle type, etc ⇒Cancel; see item 111230	

Comment

Item 111260 is canceled with reference to item 111230. Concurrently, item 111230 is amended by establishing a “viz.” format description and classes based on density.

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SUBJECT 4 — DOCKET 2009-3 — APPROVED AS MODIFIED

Item	Description	Class
42600	CHEMICALS GROUP: see Notes, items 42603 and 42604	
42603	NOTE—No Change.	
42604	NOTE— ⇒1. Materials regulated by the U.S. Department of Transportation that are required to bear a 6.1 'INHALATION HAZARD,' 'POISON,' 'TOXIC' or 'PG III' label are subject to the provisions of item 45615, regardless of the DOT-designated Hazard Class. 2. Materials classed in the U.S. Department of Transportation regulations as a gas that is poisonous by inhalation or that is required to bear a ⇒2.3 'INHALATION HAZARD' label under such regulations are not subject to the provisions of this grouping. Such materials are subject to the provisions of item 85900.	
44155	⊗ Corrosive Materials , as defined in 49 CFR §173.136 and required to bear a notice to that effect on bills of lading and packaging, ⇒other than toxic, see Note, item 42604: Sub 1 ⇒In intermediate bulk containers (IBCs), drums, pails on skids, or in inner containers in boxes:	
	Subs 2–8 No Change.	
45615	⊗ Poisonous or Toxic Materials , as defined in 49 CFR §173.132 and required to bear a notice to that effect on bills of lading and packaging, ⇒see Note, item NEW:	
	Sub 1 ⇒In intermediate bulk containers (IBCs), drums, pails on skids, or in inner containers in boxes, having an actual value per pound not exceeding \$20.00, see Note, item 45618:	
	Subs 2–14 No Change.	
⇒NEW	NOTE—Applies on materials subject to U.S. Department of Transportation regulations that are required to bear a 6.1 'INHALATION HAZARD,' 'POISON,' 'TOXIC' or 'PG III' label regardless of the DOT-designated Hazard Class.	
45618	NOTE—No Change.	
	GASES OR CRYOGENIC LIQUIDS GROUP: subject to item 85500	
85880	⊗ Gases, NOI, or Gas Mixtures , NOI, other than flammable or poison, see Note, item 85881; in cargo tanks or steel cylinders; or in metal containers when each package does not exceed 66 pounds gross weight..... No Change	
85881	NOTE—Provisions do not apply when ⇒U.S. Department of Transportation regulations require shipping containers to bear a ⇒2.1 'FLAMMABLE GAS' or ⇒2.3 'INHALATION HAZARD' label.	

SUBJECT 4 — DOCKET 2009-3 — APPROVED AS MODIFIED — Concluded

Comment

The Chemicals Group is amended to clearly indicate the application of item 45615 on all materials that bear a 6.1 label, regardless of their designated Hazard Class; items 44155, Corrosive Materials, and 45615, Poisonous or Toxic Materials, are amended to clarify their application; and the labeling requirements in the NMFC for gases in Hazard Class 2.3 and materials in Hazard Class 6.1, Packing Group III, are updated. As modified, the packaging references in items 44155 and 45615 to “totes” are replaced with “intermediate bulk containers (IBCs).”

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SUBJECT 5 — DOCKET 2009-3 — APPROVED AS MODIFIED

Item	Description	Class
	MACHINERY GROUP: subject to item 114000	
121270	Floor Polishers or Scrubbers, or Carpet or Upholstery Cleaners or Extractors, see Note, item 121271, wheeled or not wheeled, with or without complement of attachments or batteries, see Note, item 121272, in boxes, crates or Package 2238 or in triplewall fibreboard containers securely fastened to lift truck skids or pallets, subject to Item 170 and having a density in pounds per cubic foot of:	
⇒Sub 1	Less than 6.....	200
⇒Sub 2	6 but less than 10	125
⇒Sub 3	10 or greater	77.5
121271	NOTE—Does not apply on steam or water cleaning outfits, such as those designed for trailer or vehicle mounting. For provisions applicable on these commodities, see item 177680. ⇒Also does not apply on vacuum cleaners, as named in items 132670, 132680 and 132700.	
121272	NOTE—No Change.	

Comment

Item 121270 for floor polishers or scrubbers, or carpet or upholstery cleaners or extractors, is amended by adding an additional density group of less than 6 pcf at class 200. The class associated with the 10 pcf or greater density group is also amended from 70 to 77.5. As modified, Note, item 121271 is amended to clarify that item 121270 does not apply on vacuum cleaners.

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SUBJECT 6 — DOCKET 2009-3 — APPROVED AS DOCKETED

Item	Description	Class
156600	<p>PLASTIC OR RUBBER ARTICLES, OTHER THAN EXPANDED, GROUP: subject to item 156500</p> <p>Articles, viz.: Articles, NOI; [Remainder of Articles — No Change.] In boxes, crates, drums or Packages 870, 1078, 1241, 1273, 1456, 2195, 2212, 2213, 2230 or 2459, see Note, item 156602, subject to Items 170 and 171 and having a density in pounds per cubic foot of:</p>	
Subs 1-9	No Change.	
156602	<p>NOTE—The following departures from packing requirements are permitted:</p> <p>1-14. No Change.</p> <p>15. Fiberglass extension ladders must be protected at both ends with a 12-inch or longer sleeve or end cap made of fibreboard, securely fastened by tape, strapping or similar means. Stepladders must have a top cap and rail cover made of fibreboard or ⇨shrink wrap, extending a minimum of 12 inches on the rail. ⇨Additionally, when shipped on lift truck skids or pallets extension ladders and stepladders must be secured on and must not overhang the lift truck skid or pallet deck.</p> <p>16-20. No Change.</p>	
156603	NOTE—No Change.	
156604	NOTE—No Change.	

Comment

Paragraph 15 of Note, item 156602 is amended to require fiberglass ladders, when shipped on lift truck skids or pallets, to be securely fastened on and not overhang the lift truck skid or pallet deck.

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SUBJECT 7 — DOCKET 2009-3 — APPROVED AS DOCKETED

Item	Description	Class
	ATHLETIC GOODS GROUP: subject to item 15500	
15520	Athletic or Sporting Goods, viz.: Athletic or Sporting Goods, NOI; ⇒ Basketball Nets; Boards, water sports, NOI, see Notes, items 15523 and 15524; Boxes, Buckets, Cages, Canteens, Containers or Pails, live bait; Decoys, bird, NOI; Exercising or Gymnasium Apparatus or Equipment, NOI; Fishing Tackle, plastic or rubber, NOI; Floats, Rafts or Toys, water sports, NOI, see Note, item 15524; Golf Mats or Platforms, NOI, with or without tees; Playground Apparatus, NOI, see Note, item 15525; Sandboxes or Wading Pools, molded plastic; Snowboards or Snowboard Bindings; Swimming Fins, Goggles, Masks, Nose Clips or Snorkels; Weight Lifting Benches or Athletic Utility Benches, NOI; In boxes, crates or drums, see Note, item 15522, subject to Items 170 and 171 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1	400
Sub 2	1 but less than 2	300
Sub 3	2 but less than 4	250
Sub 4	4 but less than 6	150
Sub 5	6 but less than 8	125
Sub 6	8 but less than 10	100
Sub 7	10 but less than 12	92.5
Sub 8	12 but less than 15	85
⇒Sub 9	15 but less than 22.5	70
⇒Sub 10	22.5 but less than 30	65
⇒Sub 11	30 or greater	60
15522	NOTE—No Change.	
15523	NOTE—No Change.	
15524	NOTE—No Change.	
15525	NOTE—No Change.	
16930	Nets, basketball, etc	⇒Cancel; see item 15520

Comment

Item 16930, Basketball Nets, is canceled with reference to item 15520. Concurrently, item 15520, Athletic or Sporting Goods, is amended by establishing a new listing for Basketball Nets and by establishing the alternative standard density progression that ranges from class 400 assigned to articles with densities less than 1 pcf to class 60 assigned to articles with densities 30 pcf or greater.

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SUBJECT 8 — DOCKET 2009-3 — APPROVED AS DOCKETED

Item	Description	Class
	PLASTIC OR RUBBER ARTICLES, OTHER THAN EXPANDED, GROUP: subject to item 156500	
156600	Articles, viz.: [Articles Listed—No Change.] In boxes, crates, drums or Packages 870, 1078, 1241, 1273, 1456, 2195, 2212, 2213, 2230 or 2459, see Note, item 156602, subject to Items 170 and 171 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1.....	400
Sub 2	1 but less than 2	300
Sub 3	2 but less than 4	250
Sub 4	4 but less than 6	150
Sub 5	6 but less than 8	125
Sub 6	8 but less than 10	100
Sub 7	10 but less than 12	92.5
Sub 8	12 but less than 15	85
⇒Sub 9	15 but less than 22.5	70
⇒Sub 10	22.5 but less than 30	65
⇒Sub 11	30 or greater.....	60
156602	NOTE—No Change.	
156603	NOTE—No Change.	
156604	NOTE—No Change.	

Comment

Item 156600, Plastic or Rubber Articles, Other Than Expanded, is amended by establishing the alternative standard density progression that ranges from class 400 assigned to articles with densities less than 1 pcf to class 60 assigned to articles with densities 30 pcf or greater.

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SUBJECT 9 — DOCKET 2009-3 — APPROVED AS DOCKETED

Item	Description	Class
	MACHINERY GROUP: subject to item 114000	
⇒A-NEW	Attachments, waste receptacle lifting and unloading (Grabber Arms), waste management vehicle side mounting, see Note, item B-NEW, in packages.....	175
⇒B-NEW	NOTE—Applies on side-mounting attachments for waste management vehicles consisting of a grabbing mechanism, lifting arm and necessary mounting hardware designed to lift waste receptacles and load their contents into the vehicle.	

SUBJECT 9 — DOCKET 2009-3 — APPROVED AS DOCKETED — Concluded

Comment

A new item is established for side-mounting waste management vehicle waste receptacle lifting and unloading attachments at class 175. A new Note is also established to further define the nature of these attachments.

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SUBJECT 10 — DOCKET 2009-3 — APPROVED AS DOCKETED

Item	Description	Class
	FURNITURE GROUP: subject to item 79000	
	Metallic or Wooden: subject to item 79600	
81650	Stands, baggage ⇒(Luggage Racks), ⇒in Package 25F, see Note, item NEW.....	⇒200
⇒NEW	NOTE—Finished surfaces must be wrapped with nonabrasive material.	

Comment

Item 81650 is amended to include a reference to luggage racks as well as baggage stands and assign a single class 200. Package 25F is specified as the allowable packaging requirement, and a new Note is established requiring finished surfaces to be wrapped with nonabrasive material.

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SUBJECT 11 — DOCKET 2009-3 — APPROVED AS DOCKETED

Item	Description	Class
	CHEMICALS GROUP: subject to item 42600	
42900	⇒ Aluminum Sulfate , containing not more than 5 percent of activated carbon, in cloth or four-ply paper bags or in bulk in drums	No Change
44050	⇒ Cobalt Resinate , in drums	No Change
44565	⇒ Fuel , ration heating, chemical composition, containing not less than 90 percent trioxane, in boxes	No Change
45440	⇒ Nitro-carbo-nitrate , in boxes or drums	No Change
	Potassium (Potash): subject to item 45640	
45670	⇒ Beet or Cane Residuum , in bags	No Change
45780	⇒ Hartsalz, Kainit, Manure Salts, Double Manure Salts or Sylvinit , in bags, boxes or drums; in bulk or in packages when shipments weigh 40,000 pounds or more.....	No Change
45950	⇒ Tobacco Crystals (Tobacco Potash Salts) , in bags or drums	No Change
	Sodium (Soda): subject to item 46080	
46590	⇒ Silicoaluminate , in bags, boxes or drums.....	No Change

SUBJECT 11 — DOCKET 2009-3 — APPROVED AS DOCKETED — Concluded

Item	Description	Class
	EXTRACTS: subject to item 64350	
64460	⇒ Sumac , in boxes or drums	No Change
	GUMS: subject to item 91100	
91120	⇒ Accroides , in bags, boxes or drums.....	No Change
91280	⇒ Congo , in bags, bales, boxes or drums	No Change
91360	⇒ Ester , in boxes, drums or four-ply paper bags, or in solid mass in Packages 591 or 2501	No Change

Comment

The references to item 60000 are removed from items 42900, 44050, 44565, 45440, 45670, 45780, 45950, 46590, 64460, 91120, 91280 and 91360.

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SUBJECT 12 — DOCKET 2009-3 — APPROVED AS DOCKETED

Item	Description	Class
	BUILDING MATERIALS, MISCELLANEOUS, GROUP: subject to item 33570	
34781	NOTE—No Change.	
34783	NOTE—No Change.	
35510	Windows (Sash or Sash and Frames combined) , aluminum or aluminum and iron or steel combined, glazed, NOI, including Storm Windows , with or without screens, etc	⇒Cancel; see item NEW
35525	Windows (Sash or Sash and Frames combined) , bow or bay type, glazed, etc.....	⇒Cancel; see item NEW
35535	Windows (Sash or Sash and Frames combined) , iron or steel, glazed, NOI, etc.....	⇒Cancel; see item NEW
35536	NOTE—⇒Cancel; no further application.	
35545	Windows (Sash or Sash and Frames combined) , plastic, glazed, etc.....	⇒Cancel; see item NEW
35560	Windows (Sash or Sash and Frames combined) , wood, with or without covering or components of other materials, glazed, NOI, etc.....	⇒Cancel; see item NEW

SUBJECT 12 — DOCKET 2009-3 — APPROVED AS DOCKETED — Concluded

Item	Description	Class
⇒NEW	BUILDING MATERIALS, MISCELLANEOUS, GROUP: subject to item 33570 Windows (Sash or Sash and Frames combined), NOI, glazed, with or without screens or necessary hardware:	
Sub 1	In boxes, crates or Packages 834, 2304, 2305 or 2442, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 6.....	300
Sub 3	6 but less than 10	150
Sub 4	10 or greater	77.5
Sub 5	In packages other than boxes, crates or Packages 834, 2304, 2305 or 2442, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 6	Less than 6.....	400
Sub 7	6 but less than 10	175
Sub 8	10 or greater.....	85

Package 758

⇒Cancel; no further application.

Package 834

⇒Corners of each sash protected by singlewall corrugated fibreboard, completely wrapped in solid fibreboard or singlewall corrugated fibreboard testing not less than 200 psi, metal strapped into bundles of two or more.

Package 835

⇒Cancel; no further application.

Comment

A new item is established for Windows (Sash or Sash and Frames combined), NOI, glazed, under the Building Materials, Miscellaneous, Group, with classes based on packaging and density. Items 35510, 35525, 35535, 35545 and 35560 are canceled with reference to the new item. Note, item 35536, Package 758 and Package 835 are canceled with no further application. Package 834 is amended to better protect the article from the normal rigors of LTL transportation.

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SUBJECT 13 — DOCKET 2009-3 — APPROVED AS DOCKETED

Item	Description	Class
	PAPER ARTICLES GROUP: subject to item 152000	
153000	Doilies or Place Mats , printed or not printed, not laminated nor surface coated, etc ⇒Cancel; see item 153900	
153020	Doilies, NOI, Handkerchiefs, Napkins, Neck Strips, Place Mats, NOI, or Tablecloths , etc..... ⇒Cancel; see item 153900	
153900	⇒ Paper Goods or Articles, viz.: ⇒ Doilies; ⇒ Facial Tissues (Handkerchiefs); ⇒ Napkins; ⇒ Neck Strips; ⇒ Paper Goods or Articles, NOI; ⇒ Placemats; ⇒ Tablecloths; In boxes, ⇒see Note, item NEW, subject to Items 170 and 171 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1.....	400
Sub 2	1 but less than 2	300
Sub 3	2 but less than 4	250
Sub 4	4 but less than 6	150
Sub 5	6 but less than 8	125
Sub 6	8 but less than 10	100
Sub 7	10 but less than 12	92.5
Sub 8	12 but less than 15	85
Sub 9	15 but less than 22.5	70
Sub 10	22.5 but less than 30	65
Sub 11	30 or greater	60
⇒NEW	NOTE—The following departures from packing requirements are permitted: 1. Doilies, neck strips, placemats or tablecloths may be shipped in Packages 215, 841, 2177 or 2278. 2. Facial tissues (handkerchiefs) may be shipped in Packages 215, 841, 1252, 2065, 2177 or 2278. 3. Napkins may be shipped in Packages 215, 841, 1252, 2177, 2278 or 2279.	
154410	Tissues , facial cleansing, etc..... ⇒Cancel; see item 153900	

Comment

Items 153000, 153020 and 154410 are canceled with reference to item 153900. Concurrently, item 153900 is amended by establishing a “viz.” format and an attendant Note to maintain current packaging allowances.

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SUBJECT 14 — DOCKET 2009-3 — APPROVED AS DOCKETED

Item	Description	Class
40830	CARRIERS, SHIPPING, GROUP: subject to item 40770 Drums or Kegs, NOI, sheet iron or steel, shipping, old (used), etc.... ⇒Cancel; see item 174610	
40831	NOTE—⇒Cancel; no further application.	

Comment

Item 40830, Drums or Kegs, NOI, sheet iron or steel, shipping, old (used), is canceled with reference to item 174610, Sheet Steel Containers. Note, item 40831 is canceled as having no further application.

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SUBJECT 15 — DOCKET 2009-3 — APPROVED AS DOCKETED

Item (Rule) 180, Performance Testing of Shipping Containers, is amended as follows:

ITEM 180

PERFORMANCE TESTING OF SHIPPING CONTAINERS

This Rule provides an alternative to: the Test Shipment Permit program (Item 689); other packaging Rules except those relating to drums, pails and bags; and Numbered Packages. It is recommended for solving chronic damage problems and for providing an acceptable assurance level of packaging for articles of great value. In order to qualify as authorized methods of packaging under this Rule, shipping containers, including palletized loads, must be preshipment tested and successfully pass the following prescribed performance test requirements and meet the acceptance criteria as indicated.

Shippers will be required to perform the specified minimum tests as often as necessary to maintain a satisfactory performance level of the packaged article (see Section VII. Certification). Multiple test specimens are recommended when available and all specimens tested must pass.

This Rule does not purport to address all of the safety issues, if any, associated with its use. It is the responsibility of the user of this Rule to establish appropriate safety and health practices and to determine the applicability of regulatory limitations or requirements prior to use.

PERFORMANCE TEST REQUIREMENTS: All applicable shipping units must be tested as follows:

Section I. Conditioning

All specimens must be conditioned in an atmosphere of 73°F (23°C) minimum and 50% RH minimum for at least 24 hours for paper-based packaging and 12 hours for all others. Testing should be conducted in the same minimum atmosphere, and conditions must be recorded for each test conducted. If testing cannot be conducted in the minimum atmosphere, conduct the tests as soon as possible after the packaged products have been stored for 24 hours in the testing environment.

SUBJECT 15 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

Section II. Compression/Vibration Test

Two alternate methods of testing are permissible, Methods (A) or (B). Either may be utilized, depending on test capability or product characteristics. Unless the shipping container has a skid or pallet outside base, or is marked with upright arrow symbols, the container must be tested in all three planes. When tested in all three planes, length of time in vibration must be 20 minutes in each of the three planes.

If the container is 6 ft (1.83 m) or taller in height, and has either a skid or pallet outside base or is marked with upright arrows, the compressive load requirements in Methods (A) and (B) may be omitted.

Method (A)

(1) Shipping units must be vibration tested under a stacked compressive load for one hour using the procedures of ASTM D4169 Schedule D, assurance level II, for random vibration.

(2) Use a concentrated dead load (see description of load in section (3)(a) below) to simulate miscellaneous freight loaded on top of a floor-stowed shipping unit in a trailer of 108 in (2.7 m) inside height, determining the amount of load from the formula in Table 1 or 2:

Table 1: Method (A) Load Calculation

$$\text{LOAD} = \frac{10 \times (108 - h) \times (l \times w)}{1728}$$

Where:	10 =	average density of LTL freight (pcf)
	108 =	inside height of trailer (in), see Note 1
	1728 =	conversion factor (in ³ /ft ³)
	h =	height of shipping unit (in)
	l =	length of shipping unit (in)
	w =	width of shipping unit (in)

Table 2: Method (A) Load Calculation (Metric)

$$\text{LOAD} = 162 \times (2.7 - h) \times (l \times w)$$

Where:	162 =	average density of LTL freight (kg/m ³)
	2.7 =	inside height of trailer (m), see Note 1
	h =	height of shipping unit (m)
	l =	length of shipping unit (m)
	w =	width of shipping unit (m)

NOTE 1—If the package weighs less than 30 lbs (14 kg) or is 2 ft³ (0.056 m³) or less in size, the factor is reduced to 54 in (1.4 m) instead of 108 in (2.7 m).

SUBJECT 15 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

(3)(a) **Load:** The concentrated dead load shall consist of the following: corrugated trays or HSC-style container(s) of doublewall construction having a corrugated medium maximum basis weight of 33 lbs (15 kg); a plywood sheet with a minimum thickness of 0.5 in (13 mm) resting inside the container on the complete area of the bottom inner flaps of the container; and a block of lead or sand contained in plastic bag(s) evenly distributed over the bottom surface of the container to complete the required calculated load (sand weighs approximately 110 pcf (50 kg/m³)). The dead load container(s) must be larger than the test specimen, but must not overhang the specimen by more than 1.5 in (38 mm). The dead load container(s) must be affixed so that it cannot move inside the perimeter of the test specimen during testing. The test specimen should not be fastened to the vibration table and should be allowed some lateral movement, yet restricted so that it does not move from under the perimeter of the dead load.

(3)(b) When test units have large top surfaces, i.e., any dimension exceeding 18 in (0.46 m), the dead load must be subdivided into smaller portions. If only one dimension exceeds 18 in (0.46 m), the load must be divided into two equal portions along the longer dimension. If both dimensions exceed 18 in (0.46 m), the load must be divided into four equal portions (**See Figure #1 below**).

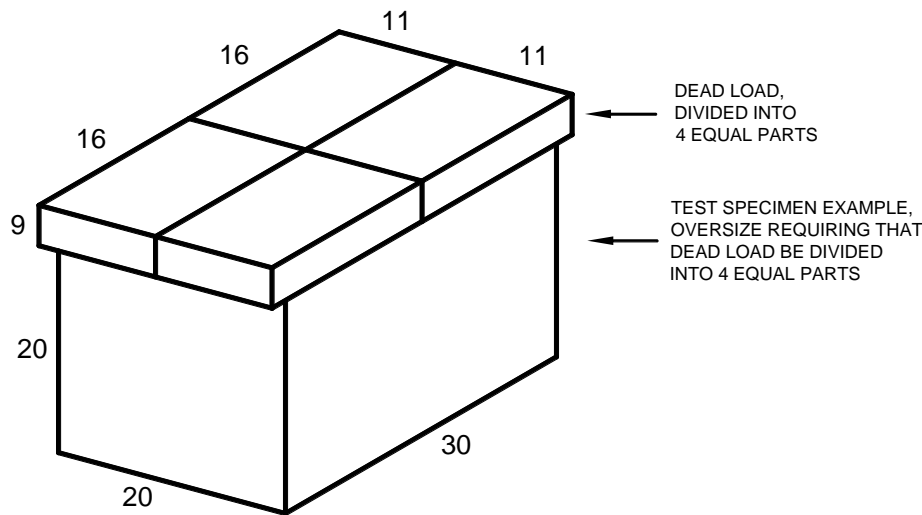


FIGURE #1 - EXAMPLE OF CONCENTRATED DEAD LOAD ON TEST SPECIMEN FOR RANDOM VIBRATION TEST

TEST SPECIMEN SHOWN IN EXAMPLE MEASURES 30" X 20" X 20", LARGER THAN 18" IN BOTH LENGTH AND WIDTH, REQUIRING THAT THE DEAD LOAD BE DIVIDED INTO 4 EQUAL PARTS.

Method (B)

Shipping units must be subjected to compression and vibration in separate tests. The compression test is conducted first and then the same shipping unit is vibration tested.

(1) Conduct a compression test on the shipping unit, using either a machine compression test (per ASTM D642) or a constant load (dead weight) test (per ASTM D4577). Remove the force immediately after reaching the calculated value when conducting a machine compression test per ASTM D642. When conducting a compression test per ASTM D4577, maintain the constant load (dead weight) for one hour. Apply a force in the normal vertical shipping axis as calculated from the formula in Table 3 or 4:

SUBJECT 15 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

Table 3: Method (B) Force Calculation

$$\text{FORCE} = \frac{10 \times (108 - h) \times (l \times w) \times \text{DF}}{1728}$$

Where:	FORCE =	pounds force (lbf)
	10 =	average density of LTL freight (pcf)
	108 =	inside height of trailer (in), see Note 2
	1728 =	conversion factor (in ³ /ft ³)
	h =	height of shipping unit (in)
	l =	length of shipping unit (in)
	w =	width of shipping unit (in)
	DF =	Design Factor from Table 5

Table 4: Method (B) Force Calculation (Metric)

$$\text{FORCE} = 162 \times (2.7 - h) \times (l \times w) \times \text{DF} \times 9.8$$

Where:	FORCE =	Newtons (N)
	162 =	average density of LTL freight (kg/m ³)
	2.7 =	inside height of trailer (m), see Note 2
	h =	height of shipping unit (m)
	l =	length of shipping unit (m)
	w =	width of shipping unit (m)
	DF =	Design Factor from Table 5
	9.8 =	metric conversion factor (m/s ²)

NOTE 2—If the package weighs less than 30 lbs (14 kg) or is 2 ft³ (0.056 m³) or less in size, the factor is reduced to 54 in (1.4 m) instead of 108 in (2.7 m).

Table 5: Design Factor

<u>Shipping Unit Construction</u>	<u>Design Factor</u>	
	Machine Comp.	Dead Weight
	ASTM D642	ASTM D4577
(a) A corrugated fibreboard or plastic container that may or may not have stress-bearing interior packaging using these materials, and where the product does not support any of the load. An example is a plastic bottled product in a corrugated box with a corrugated interior packing.	7.0	5.3
(b) A corrugated fibreboard or plastic container that has stress-bearing interior packaging with rigid inserts such as wood. An example is an appliance packed in a corrugated box with wood-reinforced corner posts.	4.5	3.4
(c) A container constructed of materials other than fibreboard or plastic that are not temperature or humidity sensitive or where the product supports the load directly. An example is a wood crate or box.	3.0	2.3

SUBJECT 15 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

(2) Using the same shipping unit, conduct a vibration test for a total of one hour. Any of the three following vibration methods may be used: random, ASTM D4169 Schedule E Level II; repetitive shock, ASTM D4169 Schedule F (vertical-linear motion); repetitive shock, ASTM D4169 Schedule F (rotary motion), see Note 3.

NOTE 3—For high or unstable shipping units, random or vertical-linear tests may be preferred.

Section III. Impact/Handling Test

Following compression/vibration tests, the same shipping units must be impact/handling tested using the following procedures:

Procedure (A)

For packages having no external attached or integral pallet or skid and not in a palletized load, perform an impact/handling test as follows, see Notes 4 and 5:

(1) Under 200 lbs (91 kg) gross weight—perform a free-fall drop test in accordance with ASTM D5276, using the following height and sequence:

Table 6: Procedure (A) Drop Heights

For Shipping Weight, lbs (kg)	Drop Height, in (m)
Up to and including 40 (18)	24 (0.61)
41 (19) up to and including 80 (36)	18 (0.46)
81 (37) up to and including 100 (45)	12 (0.30)
101 (46) up to and including 199 (90)	10 (0.25)

- (a) Top;
- (b) A side (using the side most prone to damage, if known);
- (c) An adjacent side (using the adjacent side most prone to damage, if known);
- (d) A bottom corner (using bottom corner most prone to damage, if known);
- (e) A bottom edge radiating from the diagonally opposite bottom corner (using the edge most prone to damage, if known).

(f) *The final drop must be on the bottom from a drop height at 1.5 times the specified height, where the bottom is defined as the surface upon which the package is most likely to rest during shipment (upright arrows also define the bottom for transport).*

NOTE 4—If a package with a long dimension begins to fall over after dropping on a corner or edge, do not catch or restrain the package. Let it fall over. However, if any package dimension is more than twice the drop height in its drop orientations, once dropped, the package may be prevented from tipping over.

NOTE 5—The package should be designed to withstand drops from the specified height from any drop orientation.

(2) For 200 lbs (91 kg) gross weight and over—perform an incline impact or a pendulum impact test according to ASTM D880, or a horizontal impact on a test machine with short duration shock programmer (ASTM D4003), as follows:

(a) Impact the top, two adjacent sides and bottom at a final minimum velocity of 5.75 ft/sec (1.75 m/sec); **OR**

(b) Alternately, the impact test may be provided by free-fall from a drop height of 6.0 in (0.15 m) on the top, two adjacent sides and bottom.

(c) Also conduct a rotational corner drop test (ASTM D6179) from a 6.0 in (0.15 m) height on a bottom corner and a rotational edge drop test on a bottom edge radiating from the diagonally opposite bottom corner.

SUBJECT 15 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

Procedure (B)

For individual packages with external attached or integral pallets/skids, including crates, perform impact and handling tests as follows:

(1) Based on the gross weight of the total load, perform a Rotational Flat Drop Test according to ASTM D6179 as follows:

Table 7: Procedure (B) Drop Heights

Weight, lbs (kg)	Drop Height, in (m)
Up to 500 (227)	12 (0.30)
500 (227) and over	9 (0.23)

(a) With one bottom handling edge of the shipping unit supported by the floor, raise the other end to prescribed height and release it to fall flat on the floor. Repeat the test by lifting and dropping opposite bottom edge of shipping unit from same height.

(b) When using the specified drop heights would result in an unstable (unsafe) condition, the greatest drop height consistent with safety should be used. The drop height should be carefully measured and recorded.

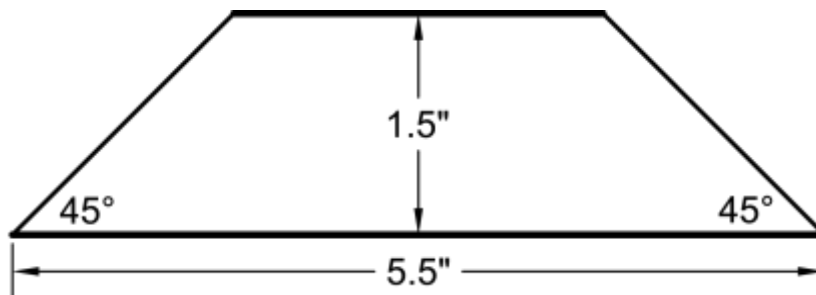
(2) Impact Test—Perform an incline impact test or a pendulum impact test according to ASTM D880, or a horizontal impact on a test machine with short duration shock programmer (ASTM D4003), impacting each of the four sides at the final minimum velocity of 4.0 ft/sec (1.2 m/sec).

Procedure (C)

For palletized loads made up of a multiple number of containers or unitized loads of a bulk configuration, perform both impact tests in Procedure (B). In addition:

(1) Conduct a fork truck handling test according to ASTM D6055:

Pick up shipping unit with lift truck having 36 in (0.9 m) forks (for longer forks, penetrate pallet only 36 in (0.9 m)); transport around test course, and set down. Repeat the moves four more times for a total of five moves. The test course should include at least one right angle turn on a rigid flat surface representative of carrier terminals and warehouses. A modified 2 in x 6 in board with long edge beveled full height at 45 degrees (see diagram below) shall be placed on the course in a position where both lift truck wheels on one side must pass over it during each handling sequence, and a second modified 2 in x 6 in board shall be placed on the course after the right angle turn in such a position that both lift truck wheels on the opposite side must pass over it during each handling sequence. The speed of the truck passing over the 2 in x 6 in boards and rounding the right angle turn shall be at least 2 mph (3.2 km/hr). Vertical alignment of palletized containers must be reasonably maintained throughout the test.



OR

SUBJECT 15 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

(2) Conduct a repetitive shock test (Rotary Motion) in accordance with ASTM D999, Method 2A:

Unitized pallet load of individual cases on a pallet must be subject to 10 minutes each in the "X" and "Y" directions. Place the load on the repetitive (Rotary) vibration machine. Operate equipment at 30° out of phase between 165 and 200 rpm (180 rpm recommended) for duration of 10 minutes. Rotate 90° after 10 minutes and continue for the remainder of 10 minutes. Inspect for load containment and damage during and following testing.

Section IV. Concentrated Impacts

To accommodate the use of this Rule for packages where wrapping materials such as stretch wrap, shrink wrap, or paper are used in lieu of rigid outside containers, in addition to meeting the applicable performance requirements of Sections II and III, wrapped packages must be tested in accordance with ASTM D6344 Standard Test Method for Concentrated Impacts to Transport Packages. All faces of the package must be tested where wrapping is the only material covering a portion of the face, unless that face is the bottom of a package with an integral handling platform. Vertical distance of the test shall be 8 in (0.2 m), on impact energy of 1.0 foot-pounds (1.4 J).

Section V. Documentation

Test methods, conditions, and results must be recorded on the following form and permanently held on file for the duration the article is subject to this Rule. The name shown above the certification symbol (Section VII) shall be the contact for such documentation. Changes in product construction and/or material or packaging require subsequent testing and documentation. At a minimum, the report should include the following:

- (1) Shipper requesting tests (including contact name, address, phone number and email);
- (2) Description of article, including model number, size, weight and other distinguishing features;
- (3) Description of shipping unit, including specifications of container and interior packaging;
- (4) Testing performed;
- (5) Conditioning and test conditions;
- (6) Acceptance criteria;
- (7) Condition of specimens (article and packaging) after testing; and
- (8) Laboratory performing tests ⇨ (including contact name, address, phone number and email)

SUBJECT 15 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

National Motor Freight Classification – Item 180
Package Performance Laboratory Test Report

CCSB-Registered Testing Laboratory

Date: _____

Reference No.: _____

Lab: _____

Lab Technician: _____

Address: _____

Email: _____

City, State Zip: _____

Phone Number: _____

Country: _____

Signature: _____

Product / Package Information and Warehouse / Distribution Environment

I. **Product Information** (including product name & model number)

II. **Package Information**

- a. External container dimensions:
- b. Gross weight of packaged product:
- c. Sample size:
- d. Description of packaging and/or palletizing (including interior packing forms):

III. **Warehouse / Distribution Environment**

- a. Clamp Lifts: Yes No
- b. Basiloid Lifts: Yes No
- c. Hanging Conveyors: Yes No

Test Conditions and Procedure

IV. **Description of Conditioning and Test Conditions**

- a. Average temperature:
- b. Average relative humidity:
- c. Length of time under conditions:

SUBJECT 15 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

V. Testing Performed (detailed description of test equipment used and test method followed)

a. Compression/Vibration Testing

i. Method (A)

ii. Method (B)

b. Impact/Handling Testing

i. Procedure (A)

ii. Procedure (B)

iii. Procedure (C)

c. Concentrated Impact Testing

VI. Acceptance Criteria (full description of the test pass/fail criteria)

VII. Results of Test (condition of specimen after testing)

VIII. Attach photos of test specimen before and after testing.

Shipper / Manufacturer

Company Name:
Address:
City, State Zip:
Country:

Contact Name:
Email:
Phone Number:
Registration Number:

SUBJECT 15 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

Section VI. Acceptance Criteria

(1) The shipping unit shall be deemed acceptable after performance testing if the following criteria are met:

(a) The article is neither damaged nor nonfunctional.

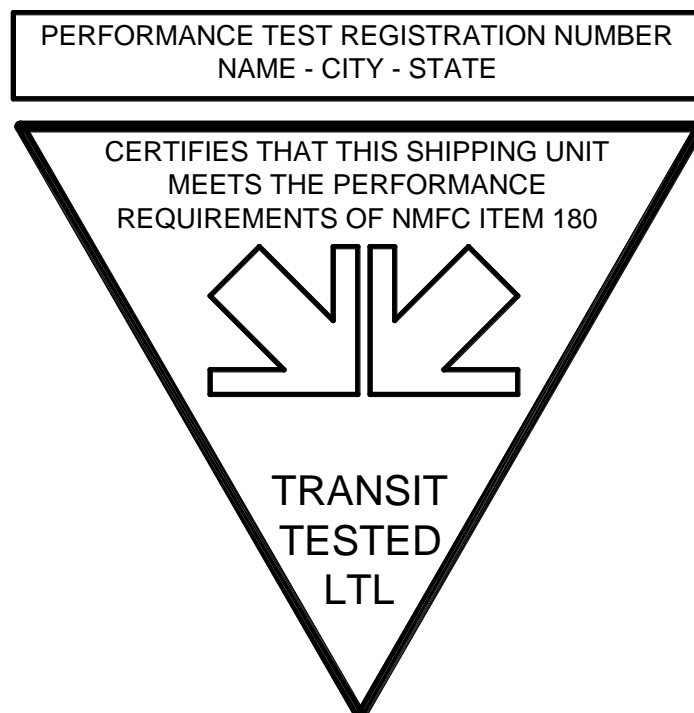
(b) The shipping unit has maintained its integrity and still affords reasonable protection against the normal rigors of transportation.

(2) The acceptance criteria of article damage and nonfunctionality must be predetermined before testing and included in the report.

Section VII. Certification

(1) Packages tested in accordance with this Rule and certified as such by the Commodity Classification Standards Board's (CCSB's) Packaging Consultant must conspicuously bear the following triangular symbol that is 3 in wide at the top and 3.75 in high, showing that they meet the minimum performance requirements specified. This marking is the responsibility of the shipper or testing laboratory as identified above the symbol by name, city and state. Testing must be conducted by a testing laboratory that is registered with the CCSB, see Note 7.

(2) Directly above each certification symbol there must be printed a CCSB Performance Test Registration Number. Such number will be issued on an annual basis by the CCSB upon receipt of a properly completed form requesting such a Registration Number, signed by the CCSB's Packaging Consultant or other CCSB member and certifying that the symbol and Registration Number will be imprinted only on those packages which have met the minimum performance test requirements specified. Further, the applicant must divulge on the form the location or locations where completed test report forms are available for inspection upon reasonable request.



SUBJECT 15 — DOCKET 2009-3 — APPROVED AS DOCKETED — Concluded

(a) In the event of a damage claim, carriers may request a retest at a different CCSB-registered laboratory (see Note 7). The retest must be conducted according to the same test plan as was used for the certification testing; no alternative procedures or types of test equipment may be substituted. Should the shipping unit fail the retest, a second retest of two shipping units may be conducted at the second laboratory and both shipping units must pass the retest.

(b) All shipping unit configurations and article sizes and variations must be tested and new reports filed for the purpose of certification by this Rule (see Note 6). Any time a packaging or product change is made, the required performance tests must be repeated.

(c) When minor variations are made in articles, a single test sequence may be performed for certification, provided the variations have no effect on the degree of protective packaging required. Examples of minor variations may be color differences, electrical voltage/wiring, or left hand/right hand.

NOTE 6—When the shipping unit certified is a palletized load or a unitized load, the packaged products in the load are not certified as individual shipping units unless they are also successfully tested as individual packages and are so certified. Such palletized or unitized loads must show the triangular certification symbol on an upper position of not less than one sidewall.

NOTE 7—To qualify as a third party laboratory, the facility must register on an annual basis with the CCSB. A list of registered third party laboratories is provided in Item 183. For the most up-to-date list of registered labs, please refer to the CCSB's website, www.nmfta.org. Shippers with in-house laboratories that test their own products must also register on an annual basis with the CCSB.

Comment

Item (Rule) 180 is amended for clarification. The test report form and registration and certification processes are also updated, and shipper registration is now required.

Staff Contact: Erin N. Topper

Telephone — (703) 838-8856

topper@nmfta.org

SUBJECT 16 — DOCKET 2009-3 — APPROVED AS DOCKETED

Item (Rule) 181, Furniture Package Performance Testing, is amended as follows:

ITEM 181**FURNITURE PACKAGE PERFORMANCE TESTING**

This Rule provides an alternative to: Item 180; the Test Shipment Permit Program (Item 689); packaging provisions as found within the Furniture Group, item 79000 and the Furniture Parts Group, item 82750; and separate Numbered Packages, including the "F" and "S" Packages. It is recommended for solving chronic damage problems and for providing an acceptable assurance level of packaging for articles of furniture. This test procedure is to represent normal handling and distribution of boxed furniture or furniture parts. This Rule does not purport to address all of the safety issues, if any, associated with its use. It is the responsibility of the user of this Rule to establish appropriate safety and health practices.

SUBJECT 16 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

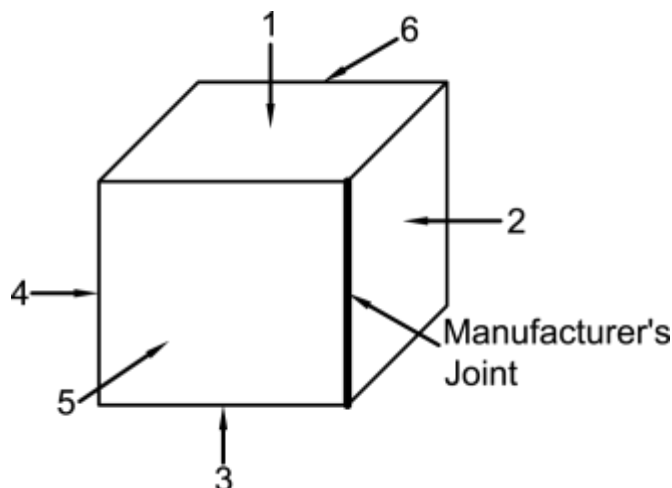
This test procedure does not apply to packages utilizing stretch or shrink plastic film wrap-style shipping units. This procedure applies only to furniture that is fully contained within corrugated fibreboard shipping containers. Exceptions include corrugated fibreboard flanged, open-bottom containers only when the container is appropriately marked with UP arrows. Furniture tendered in a corrugated fibreboard container secured on a lift truck skid or pallet, or with a lift truck skid or pallet base, should be tested under Item 180.

In order to qualify as authorized methods of packaging under this Rule, shipping containers must be preshipment tested and successfully pass the following prescribed performance test requirements and must meet the acceptance criteria as indicated.

Shippers will be required to perform the following specified minimum tests to be considered as an approved package and be eligible to certify shipping containers as specified within Section VI herein. Multiple test specimens are recommended when available, and all specimens tested must pass.

For the purpose of retest uniformity, handling steps utilized in transporting the article (once fully packaged) from the production line to the warehouse to the testing laboratory, i.e., clamp trucks, baseloid lift trucks, hanging conveyors, must be identified and documented on test report form so that these procedures may be repeatable.

Test Specimen Orientation and Nomenclature:



Section I. Conditioning

All specimens must be conditioned in an atmosphere of 73°F (23°C) minimum and 50% RH minimum for at least 24 hours. Testing should be conducted in the same minimum atmosphere, and conditions must be recorded for each test conducted. If testing cannot be conducted in the minimum atmosphere, conduct the tests as soon as possible after the packaged products have been stored for 24 hours in the testing environment.

Section II. Compression/Vibration Test

Two alternative methods are permissible, Method (A) or (B).

Method (A)

(1) Shipping units must be vibration tested under a stacked, nonresponsive compressive load for twenty minutes on three axes using the procedures of ASTM D4169 Schedule D, Assurance Level II, for random vibration. The exception to this procedure: Shipping units clearly marked on at least two panels of the container with UP arrows require concentrated dead load to be applied only in the axis (axes) indicated by the UP arrow orientation. The vibration test must be performed on all three axes.

SUBJECT 16 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

(2) Use a concentrated dead load (see description of load following formula) to simulate miscellaneous freight loaded on top of a floor-stowed shipping unit in a trailer of 108 in (2.7 m) inside height, determining the amount of load for each axis of test from the formula in Table 1:

Table 1: Method (A) Force Calculation

$$\text{FORCE} = \frac{10 \times (108 - h) \times (l \times w) \times 5}{1728}$$

⇒Where:	FORCE =	pounds of force (lbf)
	10 =	average density of LTL freight (pcf)
	108 =	inside height of trailer (in), see Note 1
	1728 =	conversion from in ³ to ft ³
	h =	height of shipping unit in the test orientation (in)
	l =	length of shipping unit in the test orientation (in)
	w =	width of shipping unit in the test orientation (in)
	5 =	Design Factor (DF)

(a)The concentrated dead load, see Notes 2 and 3, shall consist of:

1. Dead load container(s).
2. Plywood sheet(s) must be larger than test specimen's top dimension.

(b) The test specimen should not be fastened to the vibration table. Lateral movement is permitted, but yet restricted so that the test specimen does not move from under the perimeter of the dead load.

NOTE 1—If the package weighs less than 30 lbs (14 kg) or is 2 ft³ (0.056 m³) or less in size, the factor is reduced to 54 in (1.4 m) instead of 108 in (2.7 m).

NOTE 2—To avoid any gross distortion of calculated loads, a maximum dead load of 750 lbs (340 kg) should be utilized when the calculated dead load does not meet this limitation.

NOTE 3—For step or form-fitting containers, the load may be applied proportionately, dividing the total load by the surface area of the panels formed by stepping.

Method (B)

Shipping units must be subjected to compression and vibration in **separate** tests. A compression test is conducted first, and then the same shipping unit is vibration tested.

(1) Conduct a compression test on the shipping unit, using either a machine compression test (per ASTM D642) or a constant load (dead weight) test (see Notes 5, 6 and 7). Apply a force in each of the three axes (exception as in Method (A) stating that shipping units clearly marked on at least two panels of the container with UP arrows requires compression to be applied only in the axis (axes) indicated by the UP arrow orientation) as calculated from the formula in Table 2:

SUBJECT 16 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

Table 2: Method (B) Force Calculation

$$\text{FORCE} = \frac{10 \times (108 - h) \times (l \times w) \times 5}{1728}$$

⇒Where:	FORCE =	pounds of force (lbf)
	10 =	average density of LTL freight (pcf)
	108 =	inside height of trailer (in), see Note 4
	1728 =	conversion from in ³ to ft ³
	h =	height of shipping unit in the test orientation (in)
	l =	length of shipping unit in the test orientation (in)
	w =	width of shipping unit in the test orientation (in)
	5 =	Design Factor (DF)

NOTE 4—If the package weighs less than 30 lbs (14 kg) or is 2 ft³ (0.056 m³) or less in size, the factor is reduced to 54 in (1.4 m) instead of 108 in (2.7 m).

NOTE 5—To avoid any gross distortion of calculated loads, a maximum dead load of 750 lbs (340 kg) should be utilized when the calculated dead load does not meet this limitation.

NOTE 6—For step or form-fitting containers, the load may be applied proportionately, dividing the total load by the surface area of the panels formed by stepping.

NOTE 7—When conducting a constant load compression test, load and maintain the Compression Dead Load for one hour. When conducting a machine compression test per ASTM D642, remove the force immediately after reaching a DF of 7.0.

(2) Using the same shipping unit, without applying any compression force or load, conduct a vibration test for twenty minutes in each of the three axes for a total of one hour as defined earlier within the section. Any of the three following vibration methods may be used:

- (a) Random, ASTM D4169 Schedule E Level II
- (b) Repetitive shock, ASTM D4169 Schedule F (vertical-linear motion)
- (c) Repetitive shock, ASTM D4169 Schedule F (rotary motion)

Section III. Impact/Handling Tests

Following compression/vibration tests, the same shipping units must be impact/handling tested using one of the following procedures:

Procedure (A)

Under 150 lbs AND under 130 united inches, from the formula of (2 x l) + (2 x w) + h, perform a free-fall drop test on six faces, three edges, and one corner using the heights in Table 3 and sequence in Table 4:

Shipping Weight, lbs (kg)	Drop Height, in (cm)
0 – 25 (0 – 11)	30 (76)
Over 25 – 40 (Over 11 – 18)	24 (61)
Over 40 – 80 (Over 18 – 36)	18 (46)
Over 80 – 100 (Over 36 – 45)	12 (31)
Over 100 – 150 (Over 45 – 68)	10 (25)

SUBJECT 16 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

Table 4: Procedure (A) Drop Sequence

Sequence #	Orientation	Specific face, edge or corner
1	Corner	Most fragile face-3 corner, if not known, test 2-3-5
2	Edge	Shortest edge radiating from the corner tested
3	Edge	Next shortest edge radiating from the corner tested
4	Edge	Longest edge radiating from the corner tested
5	Face	One of the smallest faces
6	Face	Opposite small face
7	Face	One of the medium faces
8	Face	Opposite medium face
9	Face	One of the largest faces
10	Face	Opposite large face

Procedure (B)

Perform tests as described in sections (1) **AND** (2) below:

(1) For 150 lbs or greater AND/OR 130 united inches or greater from the formula of $(2 \times l) + (2 \times w) + h$:

(a) Perform an incline impact test according to ASTM D880, or a horizontal impact on a test machine with short duration shock programmer (ASTM D4003). Impact velocity of 5.75 ft/sec (1.75 m/sec), using the sequence in Table 5.

Table 5: Procedure (B) Impact Sequence

Sequence	Location of Impact
1	One of the smallest faces
2	Opposite small face
3	One of the medium faces
4	Opposite medium face
5	One of the largest faces
6	Opposite largest face

OR

(b) Perform a free-fall drop height of 6 in (0.15 m) on the top (face 1), two adjacent sides (faces 2 and 5), and the bottom (face 3) of shipping container for a total of four drops.

(2) In addition, when the shipping container length dimension is greater than the height dimension; conduct an 8 in (0.20 m) rotational edge drop in accordance with ASTM D6179-9.1 on the following four edges formed by faces: 4 and 5, 2 and 5, 4 and 6, and finally 2 and 6 for a total of four drops. If the shipping container height dimension is greater than the length dimension, perform test on the following four edges formed by faces: 3 and 6, 3 and 5, 1 and 5, and finally 1 and 6.

SUBJECT 16 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued**Section IV. Documentation**

Test methods, conditions, and results must be recorded on the following form and permanently held on file for the duration the article is subject to this Rule. The name shown in the certification symbol, displayed in Section VI of this Rule, shall be the contact for such documentation. Changes in product construction and/or material or packaging require subsequent testing and documentation.

At a minimum, the report should include the following:

- (1) Shipper requesting tests (including contact name, address, phone number and email);
- (2) Description of article, including model number, size, weight and other distinguishing features;
- (3) Description of shipping unit, including specifications of container and interior packaging;
- (4) Testing performed;
- (5) Conditioning and test conditions;
- (6) Acceptance criteria;
- (7) Condition of specimens (article and packaging) after testing; and
- (8) Laboratory performing tests (including contact name, address, phone number and email)

SUBJECT 16 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

National Motor Freight Classification – Item 181
Furniture Package Performance Laboratory Test Report

CCSB-Registered Testing Laboratory

Date: _____	Reference No.: _____
Lab: _____	Lab Technician: _____
Address: _____	Email: _____
City, State Zip: _____	Phone Number: _____
Country: _____	Signature: _____

Product / Package Information and Warehouse / Distribution Environment

IX. Product Information (including product name & model number)

X. Package Information

- a. External container dimensions:
- b. Gross weight of packaged product:
- c. Sample size:
- d. Description of packaging and/or palletizing (including interior packing forms):

XI. Warehouse / Distribution Environment

- | | | |
|-----------------------|-----|----|
| a. Clamp Lifts: | Yes | No |
| b. Basiloid Lifts: | Yes | No |
| c. Hanging Conveyors: | Yes | No |

Test Conditions and Procedure

XII. Description of Conditioning and Test Conditions

- a. Average temperature:
- b. Average relative humidity:
- c. Length of time under conditions:

SUBJECT 16 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

XIII. Testing Performed (detailed description of test equipment used and test method followed)

a. Compression/Vibration Testing

i. Method (A)

ii. Method (B)

b. Impact/Handling Testing

i. Procedure (A)

ii. Procedure (B)

XIV. Acceptance Criteria (full description of the test pass/fail criteria)

XV. Results of Test (condition of specimen after testing)

XVI. Attach photos of test specimen before and after testing.

Shipper / Manufacturer

Company Name:
Address:
City, State Zip:
Country:

Contact Name:
Email:
Phone Number:
Registration Number:

SUBJECT 16 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

Section V. Acceptance Criteria

(1) The shipping unit shall be deemed acceptable after performance testing if the following criteria are met:

(a) The article is neither damaged nor nonfunctional.

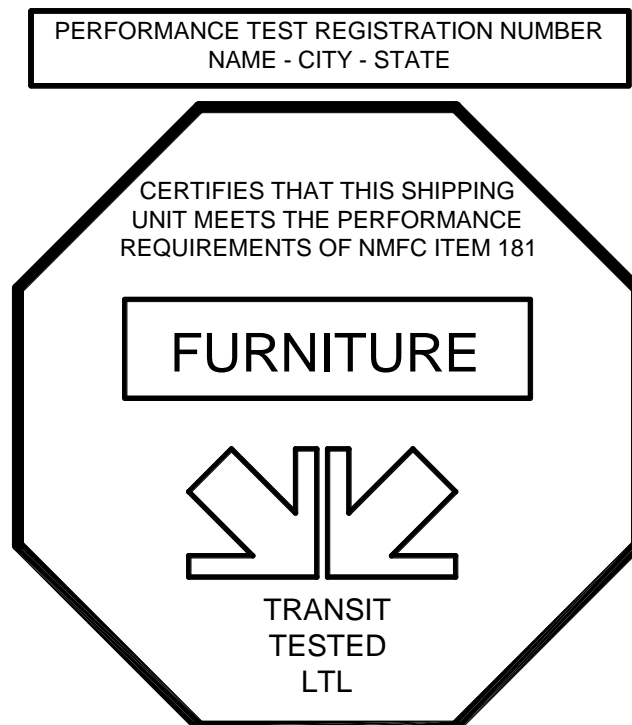
(b) The shipping unit has maintained its integrity and still affords reasonable protection against the normal rigors of transportation.

(2) The acceptance criteria of article damage and nonfunctionality must be predetermined before testing and included in the report.

Section VI. Certification

(1) Packages tested in accordance with this Rule and certified as such by the Commodity Classification Standards Board's (CCSB's) Packaging Consultant must conspicuously bear the following octagonal symbol that is 3 in by 3 in showing that they meet the minimum performance requirements specified, see Note 8. This marking is the responsibility of the shipper or CCSB-registered testing laboratory, identified within the symbol by name, city and state. Testing must be conducted by the shipper on their own products or by any CCSB-registered testing laboratory, see Note 9.

(2) Directly above each certification symbol there must be printed a CCSB Performance Test Registration Number. Such number will be issued on an annual basis by the CCSB upon receipt of a properly completed form requesting such a Registration Number, signed by the CCSB's Packaging Consultant or other CCSB member and certifying that the symbol and Registration Number will be imprinted only on those packages which have met the minimum performance test requirements specified. Further, the applicant must divulge on the form the location or locations where completed test report forms are available for inspection upon reasonable request.



NOTE 8—The use of the above certification symbol does not negate container marking required in Note, item 79022, paragraph (c).

SUBJECT 16 — DOCKET 2009-3 — APPROVED AS DOCKETED — Concluded

(3) In the event of repeated damages, carriers may request a retest at a CCSB-registered laboratory. The retest must be conducted according to the same test plan as used for the initial certification testing. No alternative procedures or types of test equipment may be substituted. Should the shipping unit fail the retest, a second retest of two shipping units may be conducted at a CCSB-registered laboratory and both shipping units must pass the retest.

NOTE 9—To qualify as a third party laboratory, the facility must register on an annual basis with the CCSB. A list of registered third party laboratories is provided in Item 183. For the most up-to-date list of registered labs, please refer to the CCSB's website, www.nmfta.org. Shippers with in-house laboratories that test their own products must also register on an annual basis with the CCSB.

Comment

Item (Rule) 181 is amended for clarification. The test report form and registration and certification processes are also updated.

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SUBJECT 17 — DOCKET 2009-3 — APPROVED AS DOCKETED

Item	Description	Class
	VEHICLES, OTHER THAN SELF-PROPELLED: subject to item 188500	
188690	Carriages, Strollers or Bicycle Carts or Trailers, child or baby carrying, in boxes or Package 826, subject to Items 170 and 171 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1	400
Sub 2	1 but less than 2	300
Sub 3	2 but less than 4	250
Sub 4	4 but less than 6	150
Sub 5	6 but less than 8	125
Sub 6	8 but less than 10	100
⇒Sub 7	10 but less than 12	92.5
⇒Sub 8	12 but less than 15	85
⇒Sub 9	15 or greater	70

Comment

Item 188690 is amended by establishing the standard, full-scale density progression.

Staff Contact: Lisa K. Winter Telephone — (703) 838-1824 winter@nmfta.org

SUBJECT 18 — DOCKET 2009-3 — APPROVED AS MODIFIED

Item (Rule) 222-1, Specifications for Fibreboard Boxes, Certificate of Box Manufacturer; Item (Rule) 680, Packing or Packaging — General; and Note, item 79022, are amended; and a new rule, Numbered Packages — Authorization and Certification, is added; as follows:

ITEM 222-1

**SPECIFICATIONS FOR FIBREBOARD BOXES
CERTIFICATE OF BOX MANUFACTURER
(Applicable only in connection with Item 222)**

(a) No Change.

(b) NUMBERED PACKAGES:

(1) Numbered packages, see Item NEW, that contain provisions specifying boxes, containers, trays and component parts thereof to be made of fibreboard complying with the burst test, puncture test or edge crush test and other requirements of Tables A and B of Section 3 of Item 222, must bear a legible certificate of box manufacturer on an outside surface, in the form, size (3½ inches x 2 inches, plus or minus ¼ inch), type and wording as illustrated in either subparagraph (2) or (3). City and state may be either that of the manufacturing or corporate location.

Where numbered packages authorize different tests of fibreboard for bodies and caps, test of the body only need be shown within certificate.

When numbered package has a length of less than 10 inches or a width of less than 9 inches, certificate may be reduced in size, but outside dimensions must be not less than 2¼ x 1¼ inches.

For doublewall and triplewall box specifications that refer to puncture test units, substitute the words 'Puncture Test Units' for 'Bursting Test Lbs. per Sq. In.' in the certificate below.

(2) Certificate applicable to numbered packages containing provisions requiring compliance with the burst or puncture test and other requirements of Table A:

BOX CERTIFICATE	
THIS BOX MEETS ALL CONSTRUCTION REQUIREMENTS OF THE NATIONAL MOTOR FREIGHT CLASSIFICATION FOR	
PACKAGE NO.	BURSTING TEST (LBS PER SQ IN)
000	000
(BOX MANUFACTURER)	
(CITY & STATE)	

(3) Certificate applicable to numbered packages containing provisions requiring compliance with the edge crush test and other requirements of Table B:

SUBJECT 18 — DOCKET 2009-3 — APPROVED AS MODIFIED — Continued

BOX CERTIFICATE	
THIS BOX MEETS ALL CONSTRUCTION REQUIREMENTS OF THE NATIONAL MOTOR FREIGHT CLASSIFICATION FOR	
PACKAGE NO.	EDGE CRUSH (LBS/IN)
000	000
(BOX MANUFACTURER)	
(CITY & STATE)	

ITEM 680

PACKING OR PACKAGING—GENERAL

General

Sec. 1. (a) The separate descriptions of articles name the acceptable packing requirements, see Note 1. Numbered packages or other packing provisions (other than 'DOT Specification Number' packages, for which, see DOT's hazardous materials regulations) are authorized for use only when item descriptions contain reference thereto. The definitions of or specifications for packing requirements are named in: (1) Items 200 through ⇒NEW, (2) ⇒numbered packages and (3) Note references. The material and construction specifications therein are minimum requirements and must be observed. Whether or not interior packing devices are a part of specific requirements, interior packing devices must be provided where such are necessary to afford adequate protection against damage to the contents of a container. Articles or articles and necessary interior packing devices must reasonably occupy the full cubic capacity of the outer shipping container, see Notes 2, 3 and 4.

Notes 1-4—No Change.

Sec. 1. (b) No Change.

Sec. 1. (c) ⇒Cancel; see Item NEW.

Secs. 2-13.—No Change.

⇒ITEM NEW

NUMBERED PACKAGES—AUTHORIZATION AND CERTIFICATION

Sec. 1. The numbered packages, containers or other forms of shipment set forth in 'Specifications for Numbered Packages' are authorized for use ONLY when item descriptions contain reference to such specific package numbers. Package numbers containing no lettered suffix are in numerical sequence, followed by package numbers containing a lettered suffix ('F' or 'S' series), also in numerical sequence. Where package numbers are missing, no package specifications are assigned such unused numbers.

Sec. 2. Numbered packages must bear a legible package certificate on an outside surface, in the form, size (3½ inches x 2 inches, plus or minus ¼ inch), type and wording as illustrated. City and state may be either that of the manufacturing or corporate location. When package has a length of less than 10 inches or a width of less than 9 inches, certificate may be reduced in size, but outside dimensions must be not less than 2¼ x 1¼ inches.

SUBJECT 18 — DOCKET 2009-3 — APPROVED AS MODIFIED — Continued



Sec. 3. Except as specifically provided to the contrary in individual package descriptions, packages or containers referred to as 'boxes,' when made of fibreboard, must comply with the provisions of Item 222 and bear the appropriate certificate of box manufacturer as required in Item 222-1 in addition to the package certificate shown in Sec. 2 of this rule.

Item	Description	Class
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79022	<p>NOTE—</p> <p>(a)-(c) No Change.</p> <p>(d) All furniture packages of the 'F' or 'S' designation, constructed of corrugated fibreboard or in part as the outside shipping container must</p> <ul style="list-style-type: none"> ⇒ conspicuously bear the certificate of box manufacturer showing name, ⇒ city and state of manufacturer, package number and ⇒ burst, puncture or edge crush test as shown within Item 222-1 (b)(2) and (3). <p>⇒ (e) All numbered packages must also bear the package certificate, showing certifying company name, city and state, and package number, as shown in Item NEW.</p> <p>⇒ (f) Shipping orders and bills of lading must show package number of the package in which furniture is shipped. Where in the separate description of the article, specific package is not provided, but other form of shipping such as 'loose' or 'bundles' is provided such description must be shown.</p> <p>⇒ (g) Unless otherwise provided, where in individual packages the specifications require a four-piece wood frame, whether or not diagonally braced, it must not be attached to the article. However, corrugated strips may be stapled to the inside of article structure with the other end of strip stapled to frame.</p> <p>⇒ (h) Articles with sliding doors in operating position must have such doors securely anchored and blocked in place.</p>	
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SUBJECT 18 — DOCKET 2009-3 — APPROVED AS MODIFIED — Concluded

Comment

A new rule is established for the authorization and certification of numbered packages. Item (Rule) 222-1 is amended to reference the new rule and for clarification, including the certifications for complying fibreboard components of numbered packages. Item (Rule) 680 is amended by referencing the new rule and canceling Sec. 1(c) with reference to the new rule. Note, item 79022 is amended to state that numbered packages must bear the applicable box and package certificates.

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SUBJECT 19 — DOCKET 2009-3 — APPROVED AS MODIFIED

Item	Description	Class
	PLUMBERS' GOODS GROUP: subject to item 158000	
159370	Stall Partitions, shower bath ⇨(shower), toilet or urinal, ⇨see Note, item 159412, in boxes or crates:	
Sub 1	Iron or steel, ⇨also in Packages 986, 2047 or 2381	No Change
Sub 2	Other than iron or steel, NOI, ⇨also in Package 986.....	No Change
Sub 3	⇨Plastic, see Note, item 159371	No Change
159371	NOTE—No Change.	
159410	Stall Partitions, ⇨shower bath ⇨(shower), toilet ⇨or urinal, marble, with aluminum framing or trimming members attached or detached, with or without steel doors, ⇨see Note, item 159412, in boxes or crates.....	No Change
159412	NOTE—Also applies on installation or accessorial hardware ⇨in the same package.	
159420	Stall Partitions, Doors, Posts or Stiles, shower bath ⇨(shower), toilet or urinal, plywood or wood particleboard and laminated plastic sheet combined, ⇨see Note, item 159412, in boxes or crates	No Change

Comment

Items 159370 and 159420 are amended to reference Note, item 159412 to specifically allow installation or accessorial hardware to move in the same package as the partition. Note, item 159412 is concurrently amended to remove the restriction limiting the hardware to 5 percent of the weight on which charges are assessed. Item 159410 is amended to reference shower bath and urinal partitions in addition to toilet partitions. Item 159370 is amended to reference "in boxes or crates" in the body of the description as opposed to each subprovision. And as modified, items 159370, 159410 and 159420 are amended to reference "(shower)" in addition to shower bath.

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SUBJECT 20 — DOCKET 2009-3 — APPROVED AS DOCKETED

Item	Description	Class
	BUILDING MATERIALS, MISCELLANEOUS, GROUP: subject to item 33570	
34282	NOTE—No Change.	
35040	Panels , folding door, wall or partition, or Interior Partitions , see Note, item 35043, or Walls ; constructed with metal or wood frames and rigid facings, see Notes, items 34282, 35042 and 35044; in boxes, crates or Packages 757 or 153F No Change	
35042	NOTE—No Change.	
35043	NOTE—No Change.	
35044	NOTE—No Change.	

Comment

Item 35040 is amended by removing the reference to “Doors.”

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SUBJECT 21 — DOCKET 2009-3 — APPROVED AS DOCKETED

Item	Description	Class
	FURNITURE GROUP: subject to item 79000	
79550	Mattresses , NOI, see Notes, items 79552 and 79553; Upholstered Box Springs; or Waterbeds , see Note, item 79554; in Packages 5F, 10F, 47F or 154F , subject to Items 170 and 171 and having a density in pounds per cubic foot of:	
Sub 1	Less than 4.....	No Change
Sub 2	4 or greater.....	No Change
79552	NOTE—No Change.	
79553	NOTE—No Change.	
79554	NOTE—No Change.	
	Metallic or Wooden: subject to item 79600	
	Chairs or Stools: subject to item 80500	
80640	Revolving Chairs or Stools , NOI:	
Sub 1	SU, in Packages 7F, 8F, 31F, 87F, 144F, 3002S, 3005S or 3009S No Change	
Subs 2-4	No Change.	

SUBJECT 21 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

Item	Description	Class
	FURNITURE GROUP: subject to item 79000	
	Metallic or Wooden: subject to item 79600	
80865	Chaise Lounges, Couches, Davenport, Daybeds, Divans, Lounges, Sofas, Sofa Beds or Tete-a-tetes, upholstered or overstuffed, other than aluminum:	
Sub 1	Dual-purpose, see Note, item 80867, ⇨in Packages 3F, 5F, 10F, 23F, 41F, 46F, 87F, 3000S or 3009S, see Note, item 80868.....	No Change
Sub 2	Other than dual-purpose:	
Sub 3	With standing backs or arms, ⇨in Packages 3F, 5F, 23F, 41F, 3000S, 3007S or 3009S, or overstuffed, in Packages 4F, 3000S, 3007S or 3009S; or steel porch- or patio-type sofas, with upholstered loose cushions, in Package 101F.....	No Change
Sub 4	With backs detached or laid down flat, or without backs and without arms or ends, or with arms or ends detached, in Packages 5F, 23F or 41F, or KD flat, in Package 91F.....	No Change
80867	NOTE—No Change.	
80868	NOTE—⇨When in Packages 10F or 46F upholstered surfaces requiring protection against abrasion or rubbing must be covered with nonabrasive packaging material.	
80870	Chaise Lounges, Couches, Davenport, Daybeds, Divans, Lounges, Sofas, Sofa Beds or Tete-a-tetes, metal, NOI, with or without metal or wood ends, not upholstered nor overstuffed, see Note, item 80872, in Packages 2F, 3F, 5F or 19F:	
Sub 1	SU, with standing backs or with backs or leaves folded and tied to sides.....	No Change
Sub 2	KD.....	No Change
80872	NOTE—⇨Classes also apply on one pad, mattress, cushion or pillow when enclosed in same package with article.	
	Cots or Beds, folding, NOI: subject to item 81000	
81040	Steel frame, NOI:	
Sub 1	Thickness folded exceeding 12 inches, see Note, item 81042, loose or in packages.....	No Change
Sub 2	Thickness folded exceeding 2 inches, but not over 12 inches, loose or in packages.....	No Change
Sub 3	Thickness folded not exceeding 2 inches, loose or in packages.....	No Change
81042	NOTE—⇨Also applies on one accompanying mattress or pad when in Package 10F and enclosed in cot; or mattress or pad may be wrapped in 30-pound Kraft paper and enclosed in cot when cot is in a double-faced corrugated fibreboard hood, testing not less than 200 psi, covering entire cot down to legs.	

SUBJECT 21 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

Item	Description	Class
	FURNITURE GROUP: subject to item 79000	
	Metallic or Wooden: subject to item 79600	
	Cots or Beds, folding, NOI: subject to item 81000	
81060	Steel frame, with coiled wire springs, folded:	
Sub 1	Thickness exceeding 12 inches, see Note, item 81042, or each compressed to thickness exceeding 3 inches, or not compressed, loose or in packages No Change	
Sub 2	Each compressed to thickness not exceeding 3 inches, loose or in packages..... No Change	
	PLASTIC OR RUBBER ARTICLES OR MATERIALS, EXPANDED, GROUP: subject to item 157300	
157320	Articles, Forms or Materials, viz.: [ARTICLES LISTED — NO CHANGE.] In bags, boxes or drums, see Note, item 157342, subject to Items 170 and 171 and having a density in pounds per cubic foot of:	
Subs 1-9	No Change.	
157342	NOTE—The following departures from packing requirements are permitted: 1-5. — No Change. 6. ⇨Mattress forms or cores may be shipped in Packages 5F or 10F. 7-8. — No Change.	
157344	NOTE—No Change.	
157346	NOTE—No Change.	

Package 9F

⇨Articles authorized for shipment in Package 9F will be accepted in any 'F' package authorized for furniture, including Package 25F (fibreboard boxes complying with all requirements of Item 222), or in crates complying with Item 245.

Package 10F

⇨(a) In ⇨fibreboard boxes complying with all requirements of Item 222, for boxes testing not less than 200 ⇨psi, except gross weight must not exceed 100 pounds, dimension limit not exceeding 140 united inches and boxes may have stitching flaps extending not more than 2 inches over end of container and be fastened with metal stitches not more than 2 1/2 inches apart;

⇨OR

⇨(b) In ⇨fibreboard boxes complying with all requirements of Item 222, for boxes testing not less than 275 ⇨psi, except gross weight must not exceed 190 pounds, dimension limit not exceeding 170 united inches;

⇨OR

⇨(c) In fibreboard boxes complying with all requirements of Item 222, for boxes testing not less than 350 ⇨psi, except gross weight must not exceed 255 pounds, dimension limit not exceeding 170 united inches;

⇨OR

SUBJECT 21 — DOCKET 2009-3 — APPROVED AS DOCKETED — Concluded

Package 10F (Continued)

⇒(d) In ⇒fibreboard boxes constructed with full overlap flaps, the fibreboard testing not less than 350 ⇒psi, except dimension limit must not exceed 185 united inches and gross weight must not exceed 160 pounds.

OR

⇒(e) When gross weight does not exceed 190 pounds, container may be closed by reinforced tape complying with Item 680, Sec. 9, placed at right angles to and over seams and must extend not less than 5 inches beyond score lines. Containers constructed with full overlap flaps must have not less than four strips of tape; containers of other than full overlap construction must have not less than six lengths of tape.

Package 12F

⇒Cancel; no further application.

Package 90F

⇒Cancel; no further application.

Package 143F

⇒Cancel; no further application.

Package 147F

⇒Cancel; no further application.

Package 148F

⇒Cancel; no further application.

Comment

The exceptions in Notes, items 80868, 80872, 81042, paragraph 6 of Note, item 157342, and Package 9F are removed. Packages 12F, 90F, 143F, 147F and 148F are canceled and all references to these packages are removed. Package 10F is restructured in the interest of clarification.

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SUBJECT 22 — DOCKET 2009-3 — APPROVED AS MODIFIED

Item	Description	Class
79024	NOTE—⇒Where packaging specifications reference this Note, articles must be adequately protected by blankets or pads so as to prevent damage and abrasion within the package and must meet the following minimum specifications, ⇒which are per mil ($1/1000$ ⇒in) thickness: ⇒(1) Dart impact 170 grams (ASTM D1709); ⇒(2) Machine direction tear 330 grams (ASTM D1922); ⇒(3) Transverse direction tear 355 grams (ASTM D1922); ⇒(4) Machine direction tensile strength 1,350 ⇒psi (ASTM D882); ⇒(5) Transverse direction tensile strength 1,475 ⇒psi (ASTM D882); ⇒(6) Machine direction elongation 500% (ASTM D882); ⇒(7) Transverse direction elongation 555% (ASTM D882); ⇒(8) Coefficient of friction on side of film in contact with furniture 0.2 grams (ASTM D1894).	
79025	NOTE—⇒Cancel; no further application.	
79027	NOTE—⇒Cancel; no further application.	
79028	NOTE—⇒Cancel; no further application.	
79029	NOTE—⇒Cancel; no further application.	

Package 160

SHIPPING CONTAINER:

Body—No Change.

Base—No Change.

Inner Forms—No Change.

Surface Protection—Top and edge surfaces and surfaces of article less than 2½ inches from inside of container must be completely covered by pads or blankets as specified in ⇒Note, item 79024.

GROSS WEIGHT: No Change.

UNITED INCHES: No Change.

Package 817

(1) No Change.

(a) Base of article must be wrapped in pads described in ⇒Note, item 79024, securely fastened in place. Pads or padding must maintain not less than ½ inch clearance at bottom and not less than ¾ inch on all sides of article.

OR

(b)-(e) No Change.

(2) No Change.

(3) No Change.

(a) Each lamp, except harp and socket, must be completely wrapped in pads described in ⇒Note, item 79024. In addition, bottom, top and all sides of box must be lined with pads or forms to maintain not less than ¾ inch clearance between wrapped lamps and interior surfaces of box or with crumpled newspaper or other loose cushioning material to maintain clearance of not less than one inch between wrapped lamps and interior surfaces of the box.

OR

(b)-(d) No Change.

SUBJECT 22 — DOCKET 2009-3 — APPROVED AS MODIFIED — Continued

Package 1289

No Change.

(a) No Change.

OR

(b) Pads described in ⇨Note, item 79024, or crumpled newspaper or other loose cushioning material so arranged as to hold articles stationary and maintain clearance of not less than 1 inch between shades and all interior surfaces of box,

OR

(c) No Change.

Package 1424

No Change.

OR

Lamp base may be wrapped in pads described in ⇨Note, item 79024, and placed in fibreboard form full dimension of bottom of container. Clearance of not less than 1½ inches at top and bottom and 2 inches at sides must be maintained between article and inner surfaces of container.

No Change.

Package 1F

(1) No Change.

(2)(a) All articles must be protected with interior forms of adequate design, size, strength, and quantity, arranged to maintain not less than ¾-inch clearance between finished and upholstered surfaces of article and interior surfaces of container, except as otherwise provided in Paragraphs (7) and (8). In addition, finished surfaces of articles, except legs, must be protected from contact with interior forms by nonabrasive material. When clearance is maintained by pads or blankets complying with specifications of ⇨Note, item 79024, **OR** by a combination of such pads or blankets and interior forms, nonabrasive material will not be required.

(b) When two or more pieces are in the same container, finished or upholstered surfaces which can come in contact must be protected by pads or blankets complying with the specifications of ⇨Note, ⇨item 79024, or by singlewall fibreboard testing not less than 175 pounds.

(c) No Change.

(d) Articles with round, oval or free-form tops must maintain specified clearance with top edge forms covering entire area of contact with container and extending not less than 2 inches beyond points of contact. Such articles must be securely positioned to restrict rotation **OR** clearance forms must be securely attached to the inside of container and surface of article in area of form not covered with blanket as specified in Paragraph (2)(a) must have pads or blankets complying with specifications of ⇨Note, item 79024, secured to article and extending not less than 6 inches beyond contact with form.

(3)-(10) No Change.

SUBJECT 22 — DOCKET 2009-3 — APPROVED AS MODIFIED — Continued

Package 2F

- (1) No Change.
- (2) All finished surfaces must be completely covered with pads or blankets complying with specifications of ⇨Note, item 79024, securely held in place.
- (3)-(9) No Change.

Package 5F

In wooden crates constructed as follows:

- (1)-(6) No Change.
- (7) Articles may be packed without clearance or with clearance less than specified in the preceding paragraph but all finished surfaces having a clearance of less than 1 inch and all upholstered surfaces must be completely covered with blankets described in ⇨Note, item 79024.

Package 6F

- (1) No Change.

OR

(2) In singlewall corrugated fibreboard containers testing not less than 200 ⇨psi, complying with all provisions of Item 222, except dimensions must not exceed 100 united inches and gross weight must not exceed 100 pounds. Mirrors must have clips, rosettes or similar fastenings removed. Glass must be secured to backing by not less than three strips of fibreboard at least 3 inches in width testing not less than 200 ⇨psi, secured to mirror backing. When two mirrors are packed in container, glass must be placed face to face and separated by blanket described in ⇨Note, item 79024, of dimensions not less than size of glass. Whether packed singly or in a pair, mirrors must be completely covered by inner wrapper of singlewall corrugated fibreboard testing not less than 200 ⇨psi, securely sealed. Clearance of not less than 3 inches must be maintained between inner wrapper and container by singlewall corrugated fibreboard forms testing not less than 200 ⇨psi, extending completely around the four narrow sides.

OR

(3) In container constructed with wood frame forming top, bottom and two sides (edges) and solid fibreboard or singlewall corrugated fibreboard forming front and back. Lumber must be not less than ¾ inch thick; solid fibreboard must be not less than .140 inch thick testing not less than 350 ⇨psi; singlewall corrugated fibreboard must comply with requirements of Item 222, for fibreboard testing not less than 350 ⇨psi; singlewall corrugated fibreboard must comply with requirements of Item 222, for fibreboard testing not less than 350 ⇨psi and must be constructed with corrugating medium consisting of two sheets laminated together, each sheet complying with requirements of Item 222. Clearance not less than ½ inch must be fully maintained between mirror and all inside surfaces of container by tightly packed hay, straw or wood excelsior, or by blankets or pads described in ⇨Note, item 79024.

OR

- (4) No Change.

SUBJECT 22 — DOCKET 2009-3 — APPROVED AS MODIFIED — Continued

Package 8F

(1) No Change.

(2) No Change.

(a) All finished or upholstered surfaces, except center stretcher, and any surface to be finished must be wrapped with pads, bags or envelopes complying with specifications of ⇒Note, item 79024, which must be securely tied to furniture. Unless tied with twine having an average straight break of 122 pounds and a 52-pound cut break, twine must be securely knotted at intervals not exceeding 16 linear inches so as not to slip or become detached during transportation, **OR** pads may be fastened by means of cohesive latex with each pad having at least two strips of cohesive latex running the full length of the pad or the configuration of the perimeter of the pad and not less than ¼ inch from the parallel edge or the perimeter. Cohesive latex strips must be at least ¾ inch in width and closure shall be accomplished by pressing the cohesive latex strips together forming a full cover pad.

(b)–(d) No Change.

(1) All finished and upholstered surfaces subject to abrasion must be fully protected with pads and blankets meeting specifications of ⇒Note, item 79024, securely held in place on the article.

(2)–(4) No Change.

(e) No Change.

(3) No Change.

Package 18F

Wrapped in pads described in ⇒Note, item 79024. Pads must be securely tied with strong twine. Unless twine having an average straight break of 122 pounds and cut break of 52 pounds is used, twine must be securely knotted at intervals not exceeding 16 linear inches so as not to slip or become detached during transportation. When package is used for beds, panels or beds not completely covered with excelsior pads must be completely covered with singlewall corrugated fibreboard testing not less than 200 ⇒psi securely fastened so as not to slip or become detached during transportation.

Package 19F

(1) No Change.

(2)(a) All finished or upholstered surfaces subject to contact with container or interior forms must be completely covered with nonabrasive material; **OR**

by pads or blankets complying with specifications of ⇒Note, item 79024. When two or more pieces are in the same container, finished surfaces which come in contact must be protected by pads or blankets complying with specifications of Note, item 79024, **OR** by nonabrasive corrugated fibreboard. When such finished surfaces are flat, surfaces may be separated by nonabrasive material.

(b) No Change.

(3) No Change.

(4)(a) No Change.

SUBJECT 22 — DOCKET 2009-3 — APPROVED AS MODIFIED — Continued

Package 19F (Continued)

(b) Tables with round, oval or free-form tops must have edges protected with forms made of the same material and thickness as specified for corner forms arranged to cover entire area of contact with interior surfaces of container. Articles must be securely positioned to prevent rotational movement or clearance forms must be securely attached to the inside of container, and surfaces of article in area of forms must have pads or blankets complying with specifications of ⇨Note, item 79024, secured to article and extending not less than ⇨6 inches beyond contact with form.

(c) Table tops with corners of other than 90-degree angle must have corners and 75 percent of edges which would otherwise come in contact with container protected with forms made of same material and thickness as specified for corner forms. One thickness of pads or blankets complying with specifications of ⇨Note, item 79024, may be substituted for one thickness of singlewall corrugated fibreboard forms as edge protection.

(5) No Change.

(6)(a)-(c) No Change.

(1) Wardrobe cabinets, SU, must have all corners protected by corner forms specified in Paragraph (3). In addition, all finished surfaces must be covered with pads or blankets complying with specifications of ⇨Note, item 79024, securely held in place.

(2)-(3) No Change.

(7) No Change.

Package 21F

(1) No Change.

(2) All finished surfaces, except finished surfaces which are not within 1½ inches of inside of container, must be completely covered with pads or blankets complying with specifications of ⇨Note, item 79024, securely held in place.

(3)-(8) No Change.

Package 24F

(1) No Change.

(2)(a) All finished surfaces and surfaces to be finished in contact with interior of container must be completely covered with pads or blankets complying with specifications of ⇨Note, item 79024, secured in place.

(b)-(c) No Change.

(3)-(4) No Change.

Package 31F

(1)-(4) No Change.

(5) With pads as described in ⇨Note, item 79024.

OR

(6)-(8) No Change.

SUBJECT 22 — DOCKET 2009-3 — APPROVED AS MODIFIED — Continued

Package 34F

(1) No Change.

(2) Finished surfaces of furniture must have not less than 1-inch clearance maintained by wood or singlewall corrugated forms testing not less than 200 \Rightarrow psi; or, in lieu of such clearance, all finished surfaces which come within 1½ inches of interior surfaces of container must be fully protected by blankets described in \Rightarrow Note, item 79024.

(3)-(4) No Change.

Package 40F

(1) No Change.

(2) All furniture must be protected with interior forms of adequate design, size, strength and quantity, arranged so that no part of finished or upholstered surfaces will come within ¾ inch of interior surfaces of container, and in addition, finished surfaces of furniture, except legs, must be protected by non-abrasive material to prevent pressure marking from interior packing materials. Non-abrasive material will not be required when the clearances specified above are maintained by forms described in \Rightarrow Note, item 79024.

(3)-(6) No Change.

Package 43F

(1) No Change.

(2) All finished surfaces except legs and the panels inside the pedestals must be completely covered with blankets securely fastened to furniture. Blankets must comply with specifications of \Rightarrow Note, item 79024.

(3)-(5) No Change.

Package 47F

In bags or fully enclosing wrappers made of low density polyethylene film complying with the following minimum requirements:

[Table—No Change]

Box springs must be protected by pads made of one ply indented paper, minimum basis weight 28 pounds per 1,000 square feet, laminated to one ply of cross laminated high density mono-axially oriented polyethylene film of minimum 2.5 mils nominal thickness, or pads complying with \Rightarrow Note, item 79024, or corrugated fibreboard testing not less than 125 pounds. Pads must be secured to bottom of box spring, extend full length of sides, around corners and not less than ten inches along ends. Pads must extend not less than two inches over top and bottom edges of box spring. Corrugated fibreboard need only extend to the top edge of box spring.

[Remainder of Package—No Change]

SUBJECT 22 — DOCKET 2009-3 — APPROVED AS MODIFIED — Continued

Package 64F

- (1) No Change.
- (2)(a) Upholstered surfaces in contact with each other or with container or with abrasive interior forms must be protected from contact with pads or blankets complying with specifications of ⇨Note, item 79024, held in place on the article.
- (b)-(c) No Change.
- (3)-(4) No Change.

Package 77F

- [Paragraphs 1 and 2—No Change]
- All finished surfaces must be completely covered with blankets securely fastened to furniture. Blankets must comply with specifications of ⇨Note, item 79024.
- [Remainder of Package—No Change]

Package 93F

- (1) No Change.
- (2) Mirrors must be protected with blankets or pads as described in ⇨Note, item 79024, folded and arranged to maintain not less than ¼ inch clearance between all finished surfaces of article and inside walls of container. Folded blankets must encase the ends of the mirror from top to bottom, and not less than one folded blanket or pad must span the face of the mirror in the center from top to bottom, and in no case shall folded blankets or pads be more than 12 inches apart. Blankets or pads must be securely held in place.
- (3) No Change.

Package 118F

- SHIPPING CONTAINER:** No Change.
 - Tube**—No Change.
 - Cap**—No Change.
 - Base**—No Change.
 - Inner Wrap**—Articles must have all finished surfaces completely covered with pads or blankets as described in ⇨Note, item 79024.
 - Closure**—No Change.
- UNITED INCHES:** No Change.
- GROSS WEIGHT:** No Change.

Package 152F

- (1) All finished surfaces, except those surfaces that are not within 1½ inches of the inside of the container, must be completely covered with pads or blankets complying with the specifications of ⇨Note, item 79024.
- (2)-(5) No Change.

SUBJECT 22 — DOCKET 2009-3 — APPROVED AS MODIFIED — Concluded

Comment

Note, item 79024 is amended to only maintain the ASTM International test methods. Notes, items 79025, 79027, 79028 and 79029 are canceled as having no further application. References to specific paragraphs cited from Note, item 79024 and references to Note, item 79029 in Packages 160, 817, 1289, 1424, 1F, 2F, 5F, 6F, 8F, 18F, 19F, 21F, 24F, 31F, 34F, 40F, 43F, 47F, 64F, 77F, 93F, 118F and 152F are removed.

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SUBJECT 23 — DOCKET 2009-3 — APPROVED AS DOCKETED

Item	Description	Class
	FOODSTUFFS GROUP: subject to item 72000	
72788	Dinners , taco or tostada, consisting of corn meal taco or tostada shells, meat seasoning and sauce, with or without tortillas, in boxes No Change	No Change
72932	NOTE—No Change.	
73227	Foodstuffs , other than frozen, Group I, viz.: Tortillas or Taco Shells , soft; [Other Articles Listed—No Change.] In boxes, crates, drums or Packages 1361, 2463, 2498, 2499 or 2500 No Change	No Change
73228	NOTE—No Change.	
73229	NOTE—No Change.	
73230	NOTE—No Change.	
73231	NOTE—No Change.	
73232	NOTE—No Change.	
73233	NOTE—No Change.	
73234	NOTE—No Change.	
73235	NOTE—No Change.	
73236	NOTE—No Change.	
73237	NOTE—No Change.	
74735	Shells , taco, corn meal, folded, hard, in inner containers in boxes, subject to Item 170 and having a density in pounds per cubic foot of: Subs 1-2 No Change.	

Comment

Item 72788, Dinners, taco or tostada, is amended to include the terminology “with or without tortillas”; the listing for Tortillas in item 73227 is amended to remove the restriction “not baked nor toasted” and include the terminology “or Taco Shells, soft”; and item 74735, Shells, taco, corn meal, is amended to include the terminology “folded, hard.”

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SUBJECT 24 — DOCKET 2009-3 — APPROVED AS DOCKETED

Item	Description	Class
DRAWING INSTRUMENTS, OPTICAL GOODS OR SCIENTIFIC INSTRUMENTS:		
	subject to item 57670	
58320	Sunglasses , with other than vision-corrective lenses, see Note, item 58322, in boxes:	
Sub 1	Shipped with display racks or stands in same ⇒box; or in Package 2235	No Change
Sub 2	Not shipped with display racks or stands in same ⇒box.....	No Change
58322	NOTE—No Change.	

Comment

Subs 1 and 2 of item 58320, Sunglasses, with other than vision-corrective lenses, are amended by replacing "in same package" with "in same box."

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SUBJECT 25 — DOCKET 2009-3 — APPROVED AS DOCKETED

Package 3000S

Articles packaged in containers constructed of materials and in the manner as specified herein must be capable of passing the prescribed performance requirements and meeting the ⇒acceptance criteria. ⇒Shippers, upon request of the Commodity Classification Standards Board, will be required to perform the specified tests as necessary to maintain a satisfactory performance level of the packaged article.

SHIPPING CONTAINER:

Body—⇒275 psi corrugated fibreboard inverted half-slotted container (HSC).

Tray—⇒350 psi doublewall corrugated fibreboard, with a minimum ⇒depth of 3 inches.

Interior Forms—

⇒a) Suspension form consisting of not less than ⇒five scored and folded inverted U-shaped forms extending entire length and width of tray constructed of ⇒350 psi doublewall corrugated fibreboard. Forms must maintain a minimum ⇒of 1 inch clearance between bottom of legs and inside of tray; **OR**

⇒b) Suspension form constructed of a ⇒275 psi corrugated fibreboard full overlap ⇒slotted container (FOL) securely stapled to tray. Form must maintain a minimum ⇒of 1 inch clearance between bottom of legs and inside of tray; **OR**

⇒c) Support form, under each leg of article, ⇒measuring ⇒10" x 10" x 1" securely glued to bottom tray, constructed of 43 pound Kraft honeycomb type vertical fluting forming cells not greater than ¾ inch **OR** may be made of 40 pound Kraft forming cells not greater than ¾ inch, faced with 69 pound Kraft liners with an additional ply of ⇒275 psi B-flute corrugated fibreboard securely glued to the top surface of the form **OR** constructed of four layers of ⇒275 psi doublewall corrugated fibreboard.

⇒d) Sofa beds must have ⇒a support form constructed of ⇒275 psi doublewall corrugated fibreboard placed between each end rail of sofa and end of tray. ⇒Form must be stapled to end of tray and nonabrasive material placed between sofa and ⇒form.

SUBJECT 25 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

Package 3000S (Continued)

Clearance—A minimum of 1 inch clearance must be maintained between the article and inner walls of the container.

Attachment—Article must be positioned on and secured to the interior forms and bottom tray with not less than 3 mil heat shrinkable polyethylene film. Film must completely cover the article and extend over tray and under bottom of tray not less than 6 inches.

Closure—The body must be attached to the tray with staples.

MARKINGS: Markings shown in Note, item 79022 Paragraphs (c) and (d) must be on at least two sides of the outer container.

GROSS WEIGHT: Must not exceed 275 pounds.

PERFORMANCE REQUIREMENTS:

a) Packaged article must be vibrated as specified in ASTM D999 Method A in the normal traveling position for 30 minutes and rotated 90 degrees for 30 minutes (1 hour total) at 1.1G level. If 90 degrees horizontal rotation is impractical because of size of article, 180 degrees horizontal rotation is permissible.

b) Packaged article must be impacted as specified in ASTM D880 Procedure B on all six faces of the container from a point on the incline that will produce an impact to register in the first quarter of the fifth zone of the shock recorder. If impractical to position the packaged article to effect top and bottom impacts, the packaged article may be flat dropped from a height of 8 inches onto a flat, unyielding surface, such as steel or concrete.

ACCEPTANCE CRITERIA: The package shall be deemed acceptable after performance test sequence if the following criteria are met:

a) The article is not damaged or non-functional; and

b) The package has maintained its integrity and still affords reasonable protection against the normal rigors of transportation.

Package 3001S

Articles packaged in containers constructed of materials and in the manner as specified herein must be capable of passing the prescribed performance requirements and meeting the acceptance criteria. Shippers, upon request of the Commodity Classification Standards Board, will be required to perform the specified tests as necessary to maintain a satisfactory performance level of the packaged article.

SHIPPING CONTAINER:

Body—200 psi corrugated fibreboard inverted half-slotted container (HSC).

Tray—275 psi doublewall corrugated fibreboard, with a minimum depth of 3 inches.

Bottom Pad—275 psi corrugated fibreboard measuring full dimension of tray.

Clearance—A minimum of 1 inch clearance must be maintained between top and all four sides of the article and inner walls of the container.

Attachment—Article must be positioned on and secured to the pad and bottom tray with not less than 3 mil heat shrinkable polyethylene film. Film must completely cover the article and extend over tray and under bottom of tray not less than 6 inches.

Closure—The body must be attached to the tray with staples.

MARKINGS: Markings shown in Note, item 79022 Paragraphs (c) and (d) must be on at least two sides of the outer container.

GROSS WEIGHT: Must not exceed 50 pounds.

SUBJECT 25 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

Package 3001S (Continued)

PERFORMANCE REQUIREMENTS:

⇒a) Packaged article must be vibrated as specified in ASTM D999 ⇒Method A in the normal traveling position for 30 minutes and rotated 90 ⇒degrees for 30 minutes (⇒1 hour total) at 1.1G level. If 90 ⇒degrees horizontal rotation is impractical because of size of article, 180 ⇒degrees horizontal rotation is permissible.

⇒b) Packaged article must be impacted as specified in ASTM D880 Procedure B on all six faces of the container from a point on the incline that will produce an impact velocity of 81 ⇒in/sec. If impractical to position the packaged article to effect top and bottom impacts, the packaged article may be flat dropped from a height of ⇒8 inches onto a flat, unyielding surface, such as steel or concrete.

ACCEPTANCE ⇒CRITERIA: The package shall be deemed acceptable after performance test sequence if the following criteria are met:

⇒a) The article is not damaged or non-functional; and

⇒b) The package has maintained its integrity and still affords reasonable protection against the normal ⇒rigors of transportation.

Package 3002S

Articles packaged in containers constructed of materials and in the manner as specified herein must be capable of passing the prescribed performance ⇒requirements and meeting the acceptance ⇒criteria. ⇒Shippers, upon request of the Commodity Classification Standards Board, will be required to perform the specified tests as necessary to maintain a satisfactory ⇒performance level of the packaged article.

SHIPPING CONTAINER:

Body—⇒350 psi corrugated fibreboard inverted half-slotted container (HSC) or ⇒275 psi corrugated fibreboard form-fitting inverted half-slotted container (HSC).

Tray—⇒275 psi doublewall corrugated fibreboard, ⇒with a minimum depth of ⇒3 inches.

Interior Forms—

⇒a) Suspension form consisting of two scored and folded inverted U-shaped forms full dimension of tray constructed of ⇒275 psi corrugated fibreboard. Forms must maintain a minimum clearance of 1½ inches between bottom of legs and inside of tray; **OR**

⇒b) Support form, under each leg of article measuring ⇒10" x 10" x 1" securely glued to bottom tray, constructed of 43 pound Kraft honeycomb type vertical fluting forming cells not greater than ¾ inch, faced with 69 pound Kraft liners with an additional ply of 275 ⇒psi B-flute corrugated fibreboard securely glued to the top surface of the form; **OR**

⇒c) 275 psi corrugated fibreboard pad full dimension of tray must be used for chairs having stretchers or swivel bases; **OR**

⇒d) ⇒350 psi doublewall corrugated fibreboard full overlap slotted container (FOL), to serve as combination container bottom and interior form.

Clearance—A minimum of ⇒1 inch clearance must be maintained between the article and inner walls of the container.

Attachment—Article must be positioned on and secured to interior forms and bottom tray with not less than ⇒3 mil heat shrinkable polyethylene film. Film ⇒must completely cover the article and extend ⇒over tray and under bottom of tray not less than ⇒6 inches.

Closure—⇒The body must be attached to the tray with staples.

SUBJECT 25 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

Package 3002S (Continued)

⇒**MARKINGS:** ⇒Markings shown in Note, item 79022 ⇒Paragraphs (c) and (d) must be on at least two sides of the outer container.

⇒**GROSS WEIGHT:** ⇒Must not exceed 100 pounds, except when combination container bottom and interior form ⇒(see Interior Forms, Paragraph (d) herein) is used weight must not exceed 75 pounds.

⇒**PERFORMANCE REQUIREMENTS:**

a) Packaged article must be vibrated as specified in ASTM D999 Method A in the normal traveling position for 30 minutes and rotated 90 degrees for 30 minutes (1 hour total) at 1.1G level. If 90 degrees horizontal rotation is impractical because of size of article, 180 degrees horizontal rotation is permissible.

b) Packaged article must be impacted as specified in ASTM D880 Procedure B on all six faces of the container from a point on the incline that will produce an impact velocity of 81 in/sec. If impractical to position the packaged article to effect top and bottom impacts, the packaged article may be flat dropped from a height of 8 inches onto a flat, unyielding surface, such as steel or concrete.

⇒**ACCEPTANCE CRITERIA:** The package shall be deemed acceptable after performance test sequence if the following criteria are met:

a) The article is not damaged or non-functional; and

b) The package has maintained its integrity and still affords reasonable protection against the normal rigors of transportation.

Package 3003S

Articles packaged in containers constructed of materials and in the manner as specified herein must be capable of passing the prescribed performance requirements and meeting the acceptance ⇒criteria. ⇒Shippers, upon request of the Commodity Classification Standards Board, will be required to perform the specified tests as necessary to maintain a satisfactory performance level of the packaged article.

SHIPPING CONTAINER:**Body—**

⇒a) 275 psi corrugated fibreboard inverted half-slotted container (HSC), with minimum ⇒2-inch overlapping outer flaps securely glued; **OR**

⇒b) 275 psi corrugated fibreboard inverted half-slotted container (HSC), with outer flaps meeting in center, securely fastened by stapling to inner flaps.

Base—

⇒a) 275 psi singlewall corrugated fibreboard full overlap slotted container (FOL) forming container bottom and providing a base thickness of not less than ⇒3 inches;

⇒b) When gross weight exceeds 75 pounds but does not exceed 200 pounds, container must be constructed of ⇒350 psi doublewall corrugated fibreboard with two scored and folded full-length support forms of 275 ⇒psi singlewall corrugated fibreboard enclosed herein.

Clearance—A minimum of ⇒1 inch clearance must be maintained between top and all four sides of the article and inner walls of container.

SUBJECT 25 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

Package 3003S (Continued)

Attachment—

⇒a) Article, with top protected by nonabrasive material, must be inverted, positioned on and secured to the base with not less than ⇒3 mil heat shrinkable polyethylene film. Film ⇒must completely cover the article and extend ⇒over and under base, except articles with legs exceeding ⇒8 inches in length without stretchers, or extending more than ⇒8 inches below stretchers, may have not more than ⇒8 inches of such legs protruding through film; **OR**

⇒b) Steel tables packed in an upright position with legs resting on the FOL base:

⇒1. Need not be covered with a nonabrasive material.

⇒2. Glass top must be removed and protected by a ⇒275 psi die-cut singlewall corrugated fibreboard pad. Pad ⇒must protect entire face side of glass and have tabs that fold under and secure the glass from movement. Pad must be centered to prevent contact with table legs and be secured in position to top side of FOL base with staples.

Closure—⇒The body must be attached to the base with staples.

⇒**MARKINGS:** ⇒Markings shown in Note, item 79022 ⇒Paragraphs (c) and (d) must be on at least two sides of the outer container.

GROSS WEIGHT: ⇒Must not exceed 200 pounds.

⇒PERFORMANCE REQUIREMENTS:

a) Packaged article must be vibrated as specified in ASTM D999 Method A in the normal traveling position for 30 minutes and rotated 90 degrees for 30 minutes (1 hour total) at 1.1G level. If 90 degrees horizontal rotation is impractical because of size of article, 180 degrees horizontal rotation is permissible.

b) Packaged article must be impacted as specified in ASTM D880 Procedure B on all six faces of the container from a point on the incline that will produce an impact velocity of 81 in/sec. If impractical to position the packaged article to effect top and bottom impacts, the packaged article may be flat dropped from a height of 8 inches onto a flat, unyielding surface, such as steel or concrete.

⇒**ACCEPTANCE CRITERIA:** The package shall be deemed acceptable after performance test sequence if the following criteria are met:

a) The article is not damaged or non-functional; and

b) The package has maintained its integrity and still affords reasonable protection against the normal rigors of transportation.

Package 3004S

Articles packaged in containers constructed of materials and in the manner as specified herein must be capable of passing the prescribed performance requirements and meeting the acceptance ⇒criteria. ⇒Shippers, upon request of the Commodity Classification Standards Board, will be required to perform the specified tests as necessary to maintain a satisfactory ⇒performance level of the packaged article.

SHIPPING CONTAINER:

Body—⇒200 psi corrugated fibreboard inverted half-slotted container (HSC).

Base(s)—⇒275 psi doublewall corrugated fibreboard full overlap slotted container (FOL) providing a base thickness of not less than ⇒3 inches.

SUBJECT 25 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

Package 3004S (Continued)

Clearance—

⇒a) A minimum of ⇒1 inch clearance must be maintained between top and all four sides of article and inner walls of container; ⇒OR

⇒b) When two articles are suspended within the same body, articles must be oriented seat-to-seat and a minimum of ⇒1 inch clearance must be maintained between the articles and the inner walls of the container.

Attachment—Article(s) must be positioned on and secured to the base(s) with not less than ⇒3 mil heat shrinkable polyethylene film. Film ⇒must completely cover the article(s) and extend ⇒over and under the base(s).

Closure—⇒The body must be attached to the base(s) with staples.

MARKINGS: ⇒Markings shown in Note, item 79022 ⇒Paragraphs (c) and (d) must be on at least two sides of the outer container.

GROSS WEIGHT: ⇒Must not exceed 70 pounds.

⇒PERFORMANCE REQUIREMENTS:

a) Packaged article must be vibrated as specified in ASTM D999 Method A in the normal traveling position for 30 minutes and rotated 90 degrees for 30 minutes (1 hour total) at 1.1G level. If 90 degrees horizontal rotation is impractical because of size of article, 180 degrees horizontal rotation is permissible.

b) Packaged article must be impacted as specified in ASTM D880 Procedure B on all six faces of the container from a point on the incline that will produce an impact velocity of 81 in/sec. If impractical to position the packaged article to effect top and bottom impacts, the packaged article may be flat dropped from a height of 8 inches onto a flat, unyielding surface, such as steel or concrete.

⇒ACCEPTANCE CRITERIA: The package shall be deemed acceptable after performance test sequence if the following criteria are met:

a) The article is not damaged or non-functional; and

b) The package has maintained its integrity and still affords reasonable protection against the normal rigors of transportation.

Package 3005S

Articles packaged in containers constructed of materials and in the manner as specified herein must be capable of passing the prescribed performance requirements and meeting the acceptance ⇒criteria. ⇒Shippers, upon request of the Commodity Classification Standards Board, will be required to perform the specified tests as necessary to maintain a satisfactory performance level of the packaged article.

SHIPPING CONTAINER:

Body—⇒275 psi doublewall corrugated fibreboard inverted half-slotted container (HSC) having 6-inch-wide flanges, with or without form-fit.

Tray—⇒275 psi doublewall corrugated fibreboard, ⇒with a minimum ⇒depth of 3 inches.

Interior Forms—

⇒a) 200 psi corrugated fibreboard suspension forms consisting of two scored and folded interlocking forms full dimension of tray; **OR**

⇒b) Two thicknesses of 200 psi corrugated fibreboard ⇒measuring full dimension of tray.

⇒c) If the gross weight exceeds 125 pounds but does not exceed 150 pounds, 350 psi doublewall corrugated fibreboard must be used.

SUBJECT 25 — DOCKET 2009-3 — APPROVED AS DOCKETED — Concluded

Package 3005S (Continued)

Clearance—A minimum of 1½ inch clearance must be maintained between article and inner walls of the container.

Attachment—Article must be positioned on and secured to interior forms and bottom tray with not less than 3 mil heat shrinkable low density polyethylene film or not less than 2.5 mil heat shrinkable linear low density polyethylene film. Film must completely cover the article and extend over tray and under bottom of tray.

Closure—Closure of body must be in compliance with Sec. 7 of Item 222. Body must be secured to tray by folding under and securely attaching flanges with hot melt adhesive. Adhesive must be applied between all flanges and trays and in a continuous three-stripe pattern spaced not more than 1 inch apart and having a minimum width of 3/16 inch after compression.

MARKINGS: Markings shown in Note, item 79022 Paragraphs (c) and (d) must be on at least two sides of the outer container.

GROSS WEIGHT: Must not exceed 150 pounds.

PERFORMANCE REQUIREMENTS:

a) Packaged article must be vibrated as specified in ASTM D999 Method A in the normal traveling position for 30 minutes and rotated 90 degrees for 30 minutes (1 hour total) at 1.1G level. If 90 degrees horizontal rotation is impractical because of size of article, 180 degrees horizontal rotation is permissible.

b) Packaged article must be impacted as specified in ASTM D880 Procedure B on all six faces of the container from a point on the incline that will produce an impact velocity of 81 in/sec. If impractical to position the packaged article to effect top and bottom impacts, the packaged article may be flat dropped from a height of 8 inches onto a flat, unyielding surface, such as steel or concrete.

c) In addition, articles packed in form-fitting containers must be vibration tested in pairs one on top of the other.

ACCEPTANCE CRITERIA: The package shall be deemed acceptable after performance test sequence if the following criteria are met:

a) The article is not damaged or non-functional; and

b) The package has maintained its integrity and still affords reasonable protection against the normal rigors of transportation.

Comment

Packages 3000S, 3001S, 3002S, 3003S, 3004S and 3005S are amended to provide uniformity and clarification, and to update the language and references to ASTM D999.

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SUBJECT 26 — DOCKET 2009-3 — APPROVED AS DOCKETED

Package 3006S

Articles packaged in containers constructed of materials and in the manner as specified herein must be capable of passing the prescribed performance requirements and meeting the acceptance criteria. Shippers, upon request of the Commodity Classification Standards Board, will be required to perform the specified tests as necessary to maintain a satisfactory performance level of the packaged article.

SHIPPING CONTAINER: Double tray and tube for two chairs or inverted half-slotted container (HSC) with tray for one chair.

Body—

a) For gross weight not exceeding 60 pounds, 200 psi corrugated fibreboard tube or inverted half-slotted container (HSC); **OR**

b) For gross weight exceeding 60 pounds but not exceeding 100 pounds, 275 psi corrugated fibreboard tube or inverted half-slotted container (HSC).

Trays—275 psi doublewall corrugated fibreboard, with a minimum depth of 3 inches.

Clearance—A minimum of 1 inch clearance must be maintained between the articles and walls of the tube.

Attachment—Article(s) must be positioned on and secured to trays with not less than 3 mil heat shrinkable polyethylene film. Film must completely cover the article(s) and extend over tray and under bottom of tray not less than 6 inches.

Closure—Trays must be attached to tube by securing with staples and inverted half-slotted containers must be securely closed in accordance with Item 222, Section 7.

MARKINGS: Markings shown in Note, item 79022 Paragraphs (c) and (d) must be on at least two sides of the outer container.

PERFORMANCE REQUIREMENTS:

a) Packaged article(s) must be vibrated as specified in ASTM D999 Method A in the normal traveling position for 30 minutes and rotated 90 degrees for 30 minutes (1 hour total) at 1.1G level. If 90 degrees horizontal rotation is impractical because of size of article(s), 180 degrees horizontal rotation is permissible.

b) Packaged article(s) must be impacted as specified in ASTM D880 Procedure B on all six faces of the container from a point on the incline that will produce an impact velocity of 81 in/sec. If impractical to position the packaged article(s) to effect top and bottom impacts, the packaged article(s) may be flat dropped from a height of 8 inches onto a flat, unyielding surface, such as steel or concrete.

ACCEPTANCE CRITERIA: The package shall be deemed acceptable after performance test sequence if the following criteria are met:

a) The article(s) is not damaged or non-functional; and

b) The package has maintained its integrity and still affords reasonable protection against the normal rigors of transportation.

SUBJECT 26 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

Package 3007S

Articles packaged in containers constructed of materials and in the manner as specified herein must be capable of passing the prescribed performance requirements and meeting the acceptance criteria. Shippers, upon request of the Commodity Classification Standards Board, will be required to perform the specified tests as necessary to maintain a satisfactory performance level of the packaged article.

SHIPPING CONTAINER:

Body—275 psi doublewall corrugated fibreboard tube having 3-inch flanges at top and bottom.

Top Cover and Bottom Tray—275 psi corrugated fibreboard design style trays having a flange height of not less than 7 inches.

Interior Forms—Article must rest on four scored and folded U-shaped suspension forms made of 200 psi doublewall corrugated fibreboard, one set at each end. Suspension forms must rest on a 350 psi doublewall corrugated fibreboard bottom pad, full inside dimensions of bottom tray.

Clearance—A minimum of 1 inch clearance must be maintained between article and inner walls of container.

Attachment—Article must be positioned on and secured to the bottom pad with not less than 3 mil heat shrinkable polyethylene film. Film must completely cover the article and extend over and under the bottom pad.

Closure—The body must be attached to the cover and tray with staples or strapping.

MARKINGS: Markings shown in Note, item 79022 Paragraphs (c) and (d) must be on at least two sides of the outer container.

GROSS WEIGHT: Must not exceed 200 pounds.

PERFORMANCE REQUIREMENTS:

a) Packaged article must be vibrated as specified in ASTM D999 Method A in the normal traveling position for 30 minutes and rotated 90 degrees for 30 minutes (1 hour total) at 1.1G level. If 90 degrees horizontal rotation is impractical because of size of article, 180 degrees horizontal rotation is permissible.

b) Packaged article must be impacted as specified in ASTM D880 Procedure B on all six faces of the container from a point on the incline that will produce an impact velocity of 81 in/sec. If impractical to position the packaged article to effect top and bottom impacts, the packaged article may be flat dropped from a height of 8 inches onto a flat, unyielding surface, such as steel or concrete.

ACCEPTANCE CRITERIA: The package shall be deemed acceptable after performance test sequence if the following criteria are met:

a) The article is not damaged or non-functional; and

b) The package has maintained its integrity and still affords reasonable protection against the normal rigors of transportation.

SUBJECT 26 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

Package 3008S

Articles packaged in containers constructed of materials and in the manner as specified herein must be capable of passing the prescribed performance requirements and meeting the acceptance criteria. Shippers, upon request of the Commodity Classification Standards Board, will be required to perform the specified tests as necessary to maintain a satisfactory performance level of the packaged article.

SHIPPING CONTAINER: A flanged fibreboard tube designed for two chairs, one inverted over the other.

Body—200 psi corrugated fibreboard flanged tube with a 40 pound medium. Flanges must be not less than 9 inches in width at both top and bottom of tube.

Pads—350 psi doublewall corrugated fibreboard top and bottom pads and must extend ¼ inch beyond lengthwise dimension of tube at each end.

Film—Chairs must be secured individually to top and bottom pads with 3 mil shrink film, the film must extend not less than 3 inches under perimeter of pads.

Clearance—A minimum of 1 inch clearance must be maintained between chairs and inside walls of body tube.

Closure—End flanges of body must be folded within the tube and lengthwise flanges must be folded on outside of top and bottom pads. Container must then be strapped vertically in both directions with two straps encircling the width direction and one strap encircling the lengthwise direction.

MARKINGS: Markings shown in Note, item 79022 Paragraphs (c) and (d) must be on at least two sides of the outer container.

UNITED INCHES: Dimensions must not exceed 110 united inches.

GROSS WEIGHT: Must not exceed 80 pounds.

PERFORMANCE REQUIREMENTS:

a) Packaged article must be vibrated as specified in ASTM D999 Method A in the normal traveling position for 30 minutes and rotated 90 degrees for 30 minutes (1 hour total) at 1.1G level. If 90 degrees horizontal rotation is impractical because of size of article, 180 degrees horizontal rotation is permissible.

b) Packaged article must be impacted as specified in ASTM D880 Procedure B on all six faces of the container from a point on the incline that will produce an impact velocity of 81 in/sec. If impractical to position the packaged article to effect top and bottom impacts, the packaged article may be flat dropped from a height of 8 inches onto a flat, unyielding surface, such as steel or concrete.

ACCEPTANCE CRITERIA: The package shall be deemed acceptable after performance test sequence if the following criteria are met:

a) The article is not damaged or non-functional; and

b) The package has maintained its integrity and still affords reasonable protection against the normal rigors of transportation.

SUBJECT 26 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

Package 3009S

SHIPPING CONTAINER:

Body—275 psi singlewall corrugated fibreboard tube with 3-inch top and bottom flanges.

Top Cover and Bottom Tray—275 psi doublewall corrugated fibreboard, with a minimum depth of 4 inches.

Interior Forms—

a) Sofas: Cross-laminated bottom pad consisting of three plies of 275 psi doublewall corrugated fibreboard. Corrugations of center ply must be perpendicular to two outer plies.

b) Chairs: Bottom pad full inside dimensions of bottom tray made of 275 psi doublewall corrugated fibreboard, scored and folded so that at least three thicknesses of board parallel the long dimensions of tray full length, and legs, swivel base or casters must rest on three such thicknesses.

Clearance—A minimum of 1 inch clearance must be maintained between the article and inner walls of container.

Attachment—Article must be positioned on and secured to bottom pad with not less than 4 mil heat shrinkable polyethylene film, except when gross weight does not exceed 125 pounds film may be of 3 mil thickness. Film must completely cover the article and extend over pad and under bottom of pad not less than 3 inches. Bottom pad must be securely glued to inside surface of bottom tray.

Closure—Tube, top cover and bottom tray must be secured with ½ inch wide plastic strapping having a minimum tensile strength of 400 pounds.

MARKINGS: Markings shown in Note, item 79022 Paragraphs (c) and (d) must be on at least two sides of the outer container.

GROSS WEIGHT: Must not exceed 300 pounds.

Package 3010S

Articles packaged in containers constructed of materials and in the manner as specified herein must be capable of passing the prescribed performance requirements and meeting the acceptance criteria. Shippers, upon request of the Commodity Classification Standards Board, will be required to perform the specified tests as necessary to maintain a satisfactory performance level of the packaged article.

SHIPPING CONTAINER:

Folder—200 psi doublewall corrugated fibreboard open-face folder, scored and folded with open-face flanges overlapping cover sheet.

Cover—200 psi corrugated fibreboard top cover sheet, held in position by overlapping folder flanges.

Inner Pad—Plastic film encapsulated air bubble pad must protect top and edge surfaces of article, with article placed within folder having top surface facing down. Legs and miscellaneous hardware must be secured to underside of article.

Film Overwrap—Entire unit must be shrink wrapped within 5 mil plastic film.

MARKINGS: Markings shown in Note, item 79022 Paragraphs (c) and (d) must be on at least two sides of the outer container.

SUBJECT 26 — DOCKET 2009-3 — APPROVED AS DOCKETED — Concluded

Package 3010S (Continued)

⇒PERFORMANCE REQUIREMENTS:

a) Packaged article must be vibrated as specified in ASTM D999 Method A in the normal traveling position for 30 minutes and rotated 90 degrees for 30 minutes (1 hour total) at 1.1G level. If 90 degrees horizontal rotation is impractical because of size of article, 180 degrees horizontal rotation is permissible.

b) Packaged article must be impacted as specified in ASTM D880 Procedure B on all six faces of the container from a point on the incline that will produce an impact velocity of 81 in/sec. If impractical to position the packaged article to effect top and bottom impacts, the packaged article may be flat dropped from a height of 8 inches onto a flat, unyielding surface, such as steel or concrete.

⇒ACCEPTANCE CRITERIA: The package shall be deemed acceptable after performance test sequence if the following criteria are met:

- a) The article is not damaged or non-functional; and
- b) The package has maintained its integrity and still affords reasonable protection against the normal rigors of transportation.

Comment

Packages 3006S, 3007S, 3008S, 3009S and 3010S are amended to provide uniformity and clarification, and to update the language and references to ASTM D999.

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SUBJECT 27 — DOCKET 2009-3 — APPROVED AS DOCKETED

Item	Description	Class
	AUTOMOBILE PARTS GROUP: subject to item 17800	
18350	Brackets or Carriers , spare tire or wheel, steel:	
Sub 1	Completely disassembled, KD flat, in boxes	No Change
Sub 2	NOI, ⇒in packages.....	No Change
	Parts , NOI, other than tanks; or Driving Gear or Steering Gear	
	Parts , NOI: subject to item 19100	
19140	Babbitt metal, white metal alloy, zinc or zinc alloy, ⇒in packages	No Change
19500	⇒ Shock Absorbers , including Strut Assemblies (Struts); or Parts thereof , rubber or steel; see Note, item 19501, ⇒in packages .	No Change
19501	NOTE—No Change.	
	BROOMS GROUP: subject to item 32770	
33220	Handles and Holders combined , brush or mop, ⇒in packages.....	No Change
	CHEMICALS GROUP: subject to item 42600	
	Potassium (Potash): subject to item 45640	
45780	Hartsalz, Kainit, Manure Salts, Double Manure Salts or Sylvinit, ⇒in bags, boxes or drums. See item 60000 for class dependent upon released value.....	No Change

SUBJECT 27 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

Item	Description	Class
	CONDUITS, EARTHEN, GROUP: subject to item 50500	
50650	Tanks , septic, clay:	
Sub 1	Loose or in wrapped bundles	No Change
Sub 2	⇒In boxes or crates	No Change
50660	Tanks , septic, reinforced concrete:	
Sub 1	SU:	
Sub 2	Loose	No Change
Sub 3	⇒In boxes or crates	No Change
Sub 4	KD, ⇒in boxes or crates	No Change
	CONDUITS, OTHER THAN EARTHEN, GROUP: subject to item 50750	
51280	Pipe , lead, plain or wire covered, ⇒in packages.....	No Change
53350	Copra (dried Coconut Meat), ⇒in bags, boxes or drums.....	No Change
	CORK: subject to item 53500	
53560	Bars, Rods, Sheets or Slabs , molded from granulated or ground chips, shavings or waste cork by machine pressing, see Note, item 53582, ⇒in bales, boxes, crates or drums:	
Sub 1	⇒With added binder, or asphalt coated, without binder	No Change
Sub 2	⇒Without binder, not coated	No Change
53582	NOTE—No Change.	
68120	⊗ Fertilizer , raw bone meal, containing not less than 4 percent ammonia and not over 50 percent of bone phosphate of lime, ⇒in bulk in bags or drums.....	No Change
	FOODSTUFFS GROUP: subject to item 72000	
72062	NOTE—No Change.	
72160	Beverages , carbonated, flavored or phosphated, NOI, not including extracts, syrups nor alcoholic liquors, see Note, item 72162, ⇒in boxes or drums, in glass in bottle carriers with sealed tops or in Packages 1428, 2437 or 2438	No Change
72162	NOTE—No Change.	
73225	Foodstuffs , frozen, viz.:	
	Coconut;	
	Food , cooked, cured, preserved or prepared, NOI, also in Packages 1298 or 2425;	
	Fruit , fresh (frozen fresh fruit either sweetened or not sweetened), prepaid, see Note, item 72062, ⇒also in Package 1365;	
	Juice , fruit or vegetable, artificial or natural, NOI, also in Packages 2256 or 2288;	
	Milk or Cream Substitutes , other than milk, cream or milk solids;	
	Pies , NOI;	
	⇒ Vegetables , prepaid, see Note, item 72062;	
	In boxes, crates, drums or Package 1361	No Change
74450	Potatoes , other than potato chips, cooked or dried and diced, powdered, shredded or sliced, without other ingredients, or with other ingredients in same inner retail package, ⇒in boxes, in Packages 128 or 2185, or in bulk in bags.....	No Change

SUBJECT 27 — DOCKET 2009-3 — APPROVED AS DOCKETED — Continued

Item	Description	Class
	FURNITURE GROUP: subject to item 79000	
	Metallic or Wooden: subject to item 79600	
	Tables: subject to item 81900	
81960	Domestic Science or School Laboratory (Domestic Science or School Laboratory Desks), with or without fume hoods, or Parts thereof, NOI:	
Sub 1	SU or in SU sections, ⇨in Packages 1F, 2F, 3F, 5F, 21F or 22F.....	No Change
Subs 2-3	No Change.	
	METALS GROUP: subject to item 135300	
136500	Metal, NOI, or Metal Alloys, NOI: [Articles Listed — No Change.] See Notes, items 136512, 136514 and 136516, ⇨in boxes, crates or drums:	
Subs 1-4	No Change.	
136512	NOTE—No Change.	
136514	NOTE—No Change.	
136516	NOTE—No Change.	
	MOLDS: subject to item 137900	
138170	⇨ Pipe, iron, consisting of chill plates, core bars and flasks.....	No Change
196500	Water, mineral, NOI, or plain (not flavored nor phosphated):	
Sub 1	Carbonated (charged), ⇨in inner containers in boxes, or in metal cylinders	No Change
Sub 2	Other than carbonated, distilled or other than distilled:	
Sub 3	In carboys	No Change
Sub 4	⇨In inner containers other than intravenous dispensing type, in boxes, in Package 1428, or in bulk in drums or Package 2478.....	No Change
	WHEELS OR WHEEL BLANKS: subject to item 197240	
197260	Wheel Blanks, built-up wood, ⇨in boxes or crates	No Change
	WOODENWARE OR WOODEN ARTICLES GROUP: subject to item 198340	
	Boards: subject to item 198420	
198490	Starch (Starch Trays), ⇨in packages	No Change
198850	Covers, NOI, barrel, box, drum or pail, with rims or handles, ⇨in packages.....	No Change
199030	Golf Club Head Blanks, ⇨in bags, boxes or drums.....	No Change
199150	Ladder Parts, in the white, other than completely KD or unassembled ladders, ⇨in packages	No Change
199390	Roll Protectors, disks (circular heads), ⇨in packages.....	No Change
199430	Rollers, NOI, ⇨in packages	No Change
199790	Tree Guards (Tree Protectors), ⇨in packages	No Change
199810	Treenails, ⇨in packages	No Change

SUBJECT 27 — DOCKET 2009-3 — APPROVED AS DOCKETED — Concluded

Item	Description	Class
	WOODENWARE OR WOODEN ARTICLES GROUP: subject to item 198340	
199850	Trunk Boxes , in the white:	
Sub 1	Not nested	No Change
Sub 2	Boxes nested, trays, KD ⇌in packages	No Change
200080	Woodpulp , not powdered, NOI, ⇌in packages.....	No Change
200220	Wrappers , bale, burlap or cotton cloth stitched to pulpboard, ⇌in packages.....	No Change
200450	Yeast , dried, inactive, other than brewers' or bakers', see Note, item 200452, ⇌in bulk in bags or drums.....	No Change
200452	NOTE—No Change.	
	ZINC OR ZINC ALLOYS: subject to item 200480	
200500	Anodes , ⇌in packages.....	No Change
200520	Ashes , ⇌in bags, boxes or drums	No Change
200660	Dross , ⇌in boxes or drums	No Change
200890	Plate, Sheet or Strip , NOI:	
Sub 1	In rolls	No Change
Sub 2	⇌In bundles with boards on tops and bottoms, metal strapped, or in boxes, crates or drums	No Change
200900	Residue , ⇌in drums.....	No Change
200920	Scrap , NOI (scraps or pieces having value for remelting purpose only), ⇌in bags, bales, boxes, crates or drums	No Change
200960	Skimmings , ⇌in bags, boxes or drums.....	No Change

Comment

Packaging exceptions contingent on weight are removed from items 18350, 19140, 19500, 33220, 45780, 50650, 50660, 51280, 53350, 53560, 68120, 72160, 73225, 74450, 81960, 136500, 138170, 196500, 197260, 198490, 198850, 199030, 199150, 199390, 199430, 199790, 199810, 199850, 200080, 200220, 200450, 200500, 200520, 200660, 200890, 200900, 200920 and 200960.

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