



DOCKET 2025-2

FALL 2025

A public meeting to discuss provisions of the National Motor Freight Classification® and ClassIT+® will be held on **September 29, 2025**, at: 11:00 am Eastern Time.

The Madison Hotel
1177 15th St., NW
Washington, DC 20005
(202) 862-1600

ISSUED: August 28, 2025

On Monday, September 29, 2025, the Freight Classification Development Council (FCDC) will conduct a public meeting to discuss proposals for amending the National Motor Freight Classification® (NMFC®) and ClassIT+®. **The meeting will be held at The Madison Hotel, 1177 15th St., NW, Washington, DC 20005**, commencing at **11:00 am Eastern Time**.

Section I of this docket provides the FCDC analyses for proposed amendments that will be discussed at the meeting. Each analysis includes the full text of the proposal, the contact person(s) for the proposal and the identity of the proponent.

Section II of this docket provides notice of classification changes made necessary by law, by order of a regulatory body, or for clarification, simplification, or uniformity.

The symbol ⇄ indicates a proposed classification change. The symbol 🖐 indicates items identified as having handling, stowing and/or liability concerns. The symbol ☠ indicates that the commodities may be subject to federal regulations concerning the shipping of hazardous materials. The symbol ® indicates a registered trade name or registered trademark. The symbol ™ indicates a trademark.

Public Docket Files

Supporting data and other relevant information pertaining to each proposal in Sections I and II herein are contained in a **Public Docket File**. The public files are available online without charge at www.nmfta.org. They are organized by docket and subject numbers.

Freight Classification Development Council

fcdc@nmfta.org • 703.838.1810

The Freight Classification Development Council invites all interested persons to participate in the classification process.

Anyone having an interest in a proposal listed in this docket may attend the meeting on September 29, 2025, and/or submit a written statement. Written statements may be submitted by mail or email, **and they must be received by the FCDC no later than 5:00 pm Eastern Time, Tuesday, September 23, 2025.**

Written submissions received by 5:00 pm Eastern Time, September 23, 2025, will be included in the respective public docket file and posted on our website. The statements will be reviewed by the FCDC, and they will be discussed by the FCDC at the public meeting on September 29, 2025.

Our mailing address is:

**Freight Classification Development Council
1001 North Fairfax Street, Suite 600
Alexandria, Virginia 22314**

Our email address is:

fcdc@nmfta.org

To schedule an appearance at the meeting, or if you require further information, please contact the FCDC at FCDC@nmfta.org. Anyone requesting assistance in accordance with the Americans with Disabilities Act will be accommodated.

The FCDC's procedures as well as other information on the FCDC and the National Motor Freight Traffic Association are available online at www.nmfta.org.

Amendments resulting from the proposals in this docket will be published in a supplement to the National Motor Freight Classification that is scheduled to be issued on **November 6, 2025**, with an effective date of **December 6, 2025**. ClassIT+ will be automatically updated on **December 6, 2025**.

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SUBJECT 1

SUBJECT 1: Frames (Gear Frames); or Partial Chassis – Item 191730**Re: Frames (Gear Frames); or Partial Chassis – Item 191730****Contact:** Adam Mercer

FCDC@nmfta.org

Proponent: GlobalTranz**Quick View**

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 1: Frames (Gear Frames); or Partial Chassis – Item 191730**Quick View:** Item 191730 is amended to provide classes based on greatest dimension and density.

- The minimum packaging requirements of item 191730 updated
- A new Note established attendant to item 191730

Transportation Characteristics Present:

- Handling ☒Yes ☐No Stowability ☒Yes ☐No Liability ☒Yes ☐No Density ☒Yes ☐No

Provisions based on:


- Greatest dimension and density

SUBJECT 1

Present Classification Provisions

Item	Description	Class
	VEHICLE PARTS: subject to item 190500	
191730	Frames (Gear Frames); or Partial Chassis; NOI, loose or in crates.....	300

Proposed Classification Provisions

Item	Description	Class
	VEHICLE PARTS: subject to item 190500	
⇒191730	 Frames (Gear Frames); or Partial Chassis; NOI, in packages, see Note, item NEW:	
Sub 1	Greatest dimension exceeding 96 inches, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 5	300
Sub 3	5 but less than 10.5.....	175
Sub 4	10.5 or greater.....	92.5
Sub 5	Greatest dimension not exceeding 96 inches, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 6	Less than 5	250
Sub 7	5 but less than 10.5.....	150
Sub 8	10.5 or greater.....	85
⇒NEW	NOTE—Articles tendered for shipment on lift truck skids, pallets or platforms must be securely fastened to and must not overhang the edges of the lift truck skid, pallet or platform deck. Exposed surfaces and edges must be protected by packing forms or other packaging materials so as to withstand the normal rigors of the less-than-truckload environment.	

Analysis

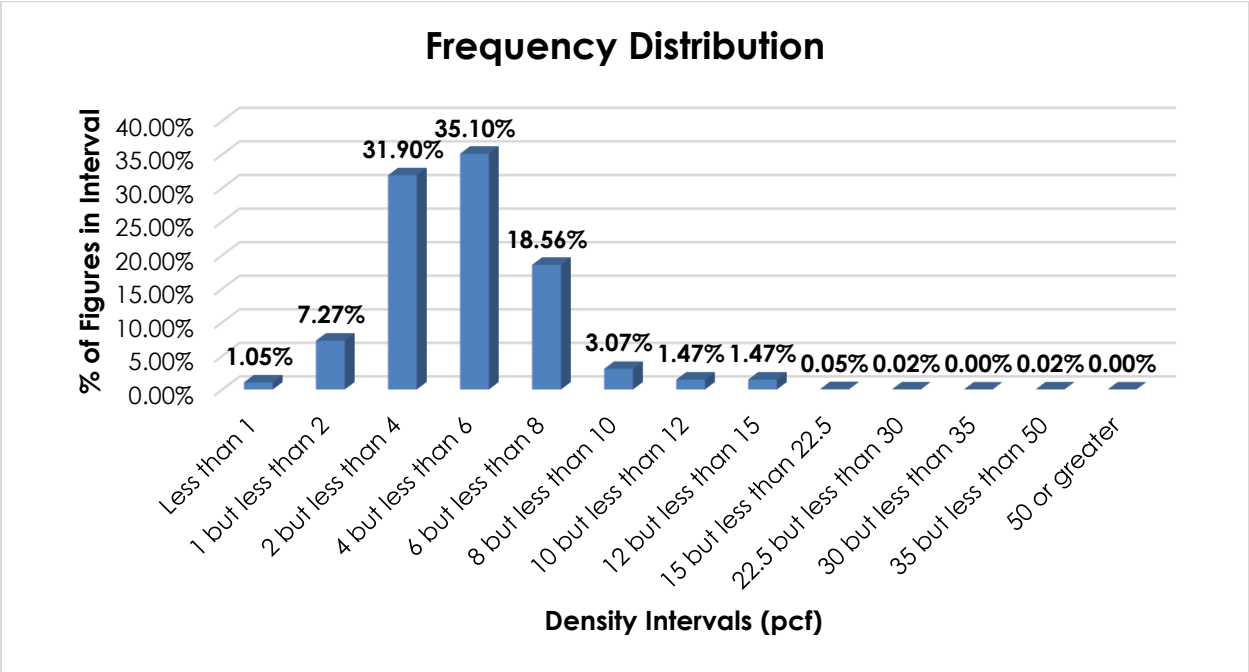
Introduction

This proposal was docketed by GlobalTranz to amend the provisions of vehicle gear frames or partial chassis. It would do so by amending item 191730 to provide classes based on greatest dimension and density.

SUBJECT 1

Transportation Characteristics

Density—The information of record includes 4,003 density observations submitted by the proponent and obtained from the FCDC’s Density Study¹. The densities range from 0.62 to 35.86 pcf, with an overall average density of 4.79 pcf. As shown in the graph below, the density distribution is right-skewed with distinct peaks between 2 and 6 pcf, and a tail of figures above 8 pcf. Density breaks at 5 and 10.5 pcf reflect the modality and spread of the distribution.



When the data is evaluated based on the proposed density breaks at 5 and 10.5 pcf, the density ranges and averages shown in the table below emerge.

Density Groups (pcf)	Density Range (pcf)	Average Density (pcf)
Less than 5	0.62 – 4.99	3.32
5 but less than 10.5	5.00 – 10.49	6.32
10.5 or greater	10.60 – 35.86	12.65

¹ The Density Study is part of an ongoing effort by the FCDC to collect information on actual shipments across all product categories handled by the LTL industry. Carriers that choose to participate in the Study periodically submit shipment data captured through their respective freight auditing programs. The FCDC uses verifiable data points, identified by NMFC item, that include the weight and the dimensions and/or cube of the shipping unit.

SUBJECT 1

Handling—When not exceeding 96 inches in greatest dimension, the involved articles do not appear to have any significant handling issues. However, these commodities vary greatly in size, and the data of record shows that numerous observations exceed 96 inches (8 feet) in greatest dimension². As greatest dimension increases, the handling into and out of the vehicle becomes considerably more difficult, and specialized equipment, or additional personnel, may be necessary to safely handle longer units. Furthermore, as greatest dimension increases, cross-dock operations can be significantly affected.

Stowability—When the involved articles do not exceed 96 inches in greatest dimension, they typically do not present significant or unusual stowability issues. Handling units exceeding 96 inches in greatest dimension are more difficult to stow with other general freight. Due to the commodities' size and configuration, it may be difficult to stow adjacent or top freight. These factors make it more difficult, and time consuming for the carrier to properly structure the load and maximize vehicle utilization.

Liability—The involved products are neither perishable nor hazardous. Shipments of these commodities not adequately protected by packaging materials or that overhang the lift truck skid or pallet are more liable to damage. Also, they can damage other freight if not correctly stowed within the vehicle.

Conclusion

Based on the foregoing analysis, this proposal would amend item 191730 to provide classes predicated on greatest dimension and density, with breaks at 5 and 10.5 pcf³. The table below shows the average densities and minimum average density guidelines for each density group, the guideline classes, and class adjustments as greatest dimension increases.

Density Groups (pcf)	Average Density (pcf)	FCDC Minimum Average Density Guideline (pcf)	Class based on FCDC Density Guidelines When Greatest Dimension Does Not Exceed 96"	Class Adjustment When Greatest Dimension Exceeds 96"
Less than 5	3.32	3	250	300
5 but less than 10.5	6.32	6	150	175
10.5 or greater	12.65	12	85	92.5

The FCDC's Packaging Development Manager has reviewed the proposed minimum packaging requirements and determined they are appropriate for the LTL environment. Additionally, a new Note would be established attendant to the new item to provide additional packaging requirements.

² Item (Rule) 568, "Heavy or Bulky Freight—Loading or Unloading," employs the threshold limit of exceeding 8 feet (96 inches) in greatest dimension as the measurement at which freight becomes more difficult to load and unload when compared to general boxed freight.

³ The density provisions would include reference to Item (Rule) 170, the inadvertence clause.

SUBJECT 1

The FCDC has determined the proposed changes to be in line with its procedures and policies.

SUBJECT 2

SUBJECT 2: Item (Rule) 110, Sec. 20 – “Not Taken”

Re: Item (Rule) 110, Sec. 20 – “Not Taken”

Contact: Amber V. Parker

fcfdc@nmfta.org

Proponent: Freight Classification Development Council

Quick View

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 2: Item (Rule) 110, Sec. 20 – “Not Taken”

Quick View: The reference to “Not Taken” is removed from Item (Rule) 110, Sec. 20.

- Twelve items classified as “Not Taken” amended to provide class 0

SUBJECT 2

Proposed Classification Provisions

It is proposed to amend Item (Rule) 110, Definitions and Explanations of Terms, Punctuation and References, to read as follows:

ITEM 110

DEFINITIONS AND EXPLANATIONS OF TERMS, PUNCTUATION AND REFERENCES

The following definitions will apply when such terms are used in this Classification or in tariffs governed by this Classification. When different definitions are provided for the same terms in connection with rates, classes, rules or other provisions, such definitions will take precedence.

Secs. 1-19. No Change.

⇒**Sec. 20.** The term '**Not accepted**' means that the described article or articles will not be accepted for shipment nor as premiums accompanying other articles.

Secs. 21-24. No Change.

It is proposed to amend the items listed below to provide class 0:

16350	49825	69970	133720	144900	155015
45450	52692	107820	135760	146315	

Analysis and Conclusion

Whether or not certain freight will be taken is a carrier decision. As such, determining and indicating which freight should be “not taken” falls beyond the purview of the NMFC.

Item (Rule) 110 would be amended to remove the explanation of the term “Not Taken.”

Twelve items are currently marked in the NMFC as “Not Taken.” The FCDC proposes to remove this language and provide class 0 for the involved items.

SUBJECT 3

SUBJECT 3: Metals Group

Re: Metals Group

Contact: Lanae Peterson

FCDC@nmfta.org

Proponent: Freight Classification Development Council

Quick View

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 3: Metals Group

Quick View: Fifty-one items in the Metals Group are canceled with reference to a new item, which would provide a “viz.” format, and classes based on the FCDC’s 13-subprovision density scale.

- Ten Notes canceled with no further application
- Note, item 136612, canceled and reestablished attendant to the new item

Transportation Characteristics Present:

- Handling ☐Yes ☒No Stowability ☐Yes ☒No Liability ☐Yes ☒No Density ☒Yes ☐No

Provisions based on:

- FCDC’s 13-subprovision density scale

SUBJECT 3

Present Classification Provisions

Item	Description	Class
	METALS GROUP: subject to item 135300	
135320	Aluminum-nickel , crushed or powdered, in bulk in steel drums70	
135335	Anodes , cadmium, cast, in packages65	
135340	Antimony, Britannia, Pewter or White Metalware , NOI, in boxes or drums..... 100	
135360	Antimony Metal , in cakes or slabs, in packages.....60	
135400	Babbitt Metal (white metal alloys containing in excess of 10 percent tin), bars, pigs, slabs or scraps, in packages60	
135420	Bars, Pigs or Sheets , britannia metal, in boxes or drums70	
135440	Beryllium Bronze or Beryllium Copper, or Beryllium Bronze or Beryllium Copper Articles , NOI, containing 0.5 percent to 2 percent beryllium, see Note, item 135441, in boxes, crates or drums, see Note, item 135442:	
Sub 1	Actual value not exceeding \$5.00 per pound, see Note, item 13544360	
Sub 2	Actual value exceeding \$5.00 per pound but not exceeding \$30.00 per pound, see Note, item 135443.....85	
Sub 3	Actual value exceeding \$30.00 per pound, see Note, item 135443..... 100	
135441	NOTE—Where beryllium content exceeds 2 percent, item 136500, naming 'Metal Alloys, NOI,' will apply.	
135442	NOTE—Plate, sheet or strip, 38 gauge or thicker (0.004 inch or thicker), may be shipped in bundles, subject to the Note, item 106722.	
135443	NOTE—Shipper must certify on shipping orders and bills of lading at time of shipment the actual value per pound of the property or the value group embracing the actual value per pound of the property. If the shipper fails to so certify the actual value, shipment will not be accepted, but if the shipment is inadvertently accepted, charges will initially be assessed on the basis of the class for the highest valuation provided. Upon proof of lower actual value, freight charges will be adjusted accordingly.	
135460	Blanks , britannia metal, NOI, see Note, item 135461, in boxes, having a density of 12 pounds or greater per cubic foot, see Note, item 13546285	
135461	NOTE—Applies only on articles manufactured solely by a blanking process.	
135462	NOTE—Density must be shown by shipper on shipping orders and bills of lading at time of shipment. If density is not shown and shipment is inadvertently accepted, class will initially be assessed under the provisions of item 135340, naming 'Antimony, Britannia, Pewter or White Metalware, NOI.' Upon satisfactory proof of actual density, class will be adjusted accordingly.	

SUBJECT 3

Present Classification Provisions—Continued

Item	Description	Class
METALS GROUP: subject to item 135300		
135500	Cable , scrap, lead covered copper, consisting of lead covered copper cable worn out or otherwise rendered unfit for use, having value only for remelting purposes, in packages.....	55
135530	Calcium , metallic, in boxes	100
135550	Castings , NOI, babbitt or white metal, in boxes, crates or drums	100
135560	Castings , NOI, tin alloy, in boxes, crates or drums	100
135580	Chrome Aluminum , in boxes or drums.....	100
135600	Chrome Tungsten , in boxes or drums	100
135625	Disks, Circles, Sheet or Strip , pewter, in boxes	65
135670	Dross or Skimmings , solder, in bags, boxes or drums.....	55
135680	Dross or Skimmings , type metal, in bags, boxes or drums	55
135700	Dross or Sludge , cadmium, in bags, boxes or drums.....	70
135720	Electrotype Base Metal , in boxes or drums.....	55
135780	Gold Plated Ware , not on silver, NOI, in boxes.....	200
135782	Ferro-cobalt-nickel alloys, viz.: Articles , NOI, Sheet, Strip or Tubing , in boxes; or Wire , in packages.....	100
135800	Ingots , beryllium-aluminum, in boxes:	
Sub 1	Beryllium content exceeding 2 percent	100
Sub 2	Beryllium content not exceeding 2 percent	85
135850	Lead Base Alloys , NOI, tin content not exceeding 10 percent:	
Sub 1	Bars, pigs or slabs	55
Sub 2	Other than bars, pigs or slabs, in packages	60
135890	Manganese-copper , in drums.....	70
135910	Manganese Metal , in bags, boxes or drums	60
135930	Manganese-silicon , in drums	70
135950	Metal , thermostat:	
Sub 1	Articles, NOI, in boxes	100
Sub 2	Sheet or strip, in boxes.....	85
135990	Nickel Magnesium Alloy or Nickel Magnesium Silicon Alloy, viz.: Ingots, Lumps or Granules , in packages	65
136030	Powder , ferro-nickel, in steel drums.....	60
136040	Quicksilver (Metallic Mercury) , in inner containers in boxes	200
136060	Residue , consisting of copper, lead, tin and other non-ferrous metals, tin content not to exceed 50 percent, having value for re-melting purposes only, in boxes or drums.....	55
136080	Residue , zinc lead, in drums	55
136100	Scrap , antimony metal, in packages	60
136120	Scrap , lead base alloy, tin content not exceeding 10 percent, in packages	55
136140	Scrap , NOI, cadmium, in bags, boxes or drums	85

SUBJECT 3

Present Classification Provisions—Continued

Item	Description	Class
	METALS GROUP: subject to item 135300	
136160	Scrap , silver plated metal, not on silver, in boxes or drums, or in machine pressed bales wrapped in burlap 100	100
136200	Scrap , white metal alloy, NOI, in packages.....55	55
136210	Sheet Metal , silver plated, not on silver, NOI, in boxes 150	150
136240	Silicon (metal containing not less than 96 percent nor more than 99 percent of silica), in bags, boxes or drums50	50
136260	Silicon Copper , in drums70	70
136340	Silver Plated Ware or Pewter Plated Ware , not on silver or pewter, NOI:	
Sub 1	Not exceeding one inch (2.54 centimeters) in height, in boxes..... 100	100
Sub 2	Exceeding one inch (2.54 centimeters) in height, in boxes 150	150
136430	Solder , braziers', NOI, other than with gold, palladium or silver content, in boxes or drums60	60
136440	Solder , NOI, other than with gold, palladium or silver content:	
Sub 1	Tin content exceeding 10 percent, in packages, see Note, item 13644160	60
Sub 2	Tin content not exceeding 10 percent:	
Sub 3	Bars, pigs or slabs55	55
Sub 4	Other than bars, pigs or slabs, in packages, see Note, item 13644160	60
136441	NOTE—Outer shipping package may include one applicator brush for each inner container of solder. Weight of applicator brushes not to exceed 5 percent of the weight of the shipping package.	
136450	Speiss (smelter by-product, containing cobalt-nickel), in bags or drums50	50
136460	Tellurium Metal , in boxes or drums 100	100
136480	Terne Metal (alloy of lead and tin), bars, pigs, slabs or scraps, in packages60	60
136490	Turnings , aluminum and magnesium, mixed, see Note, item 136492, in boxes or drums70	70
136492	NOTE—Applies only on other than scrap turnings. The content of either kind of turning must be not less than 25 percent by weight of the mixture.	
136500	Metal , NOI, or Metal Alloys , NOI:	
	Articles, NOI,	
	Bars,	
	Billets,	
	Blooms,	
	Castings,	
	Forgings,	
	Ingots,	
	Pigs,	
	Plates,	
	Powder,	
	Rings,	

SUBJECT 3

Present Classification Provisions—Continued

Item	Description	Class
	METALS GROUP: subject to item 135300	
	Metal, NOI, or Metal Alloys, NOI: subject to item 136500	
	Rods,	
	Scrap,	
	Sheets,	
	Shot,	
	Sponge,	
	Strip,	
	Welding Rods or Wire,	
	Other Forms or Shapes, NOI, consisting of one piece of metal;	
	See Notes, items 136512, 136514 and 136516, in boxes, crates or drums:	
Sub 1	Released value not exceeding 40 cents per pound	70
Sub 2	Released value exceeding 40 cents per pound, but not exceeding \$1.00 per pound	100
Sub 3	Released value exceeding \$1.00 per pound, but not exceeding \$5.00 per pound	200
Sub 4	If the shipper declines to release each pound in shipment to a value not exceeding \$5.00 per pound, the shipment will not be accepted.	
136512	NOTE—The released value must be entered on shipping order and bill of lading in the following form: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per pound."	
	<div>_____ (Shipper's Signature)</div>	
	(Classes herein based on released value have been authorized by the Interstate Commerce Commission by Released Rates Order No. MC-439 of April 7, 1959, and as amended.)	
136514	NOTE—When released to value not exceeding 40 cents per pound, shipments will be accepted loose if weighing each 50 pounds or over, or in bundles weighing each 50 pounds or over.	
136516	NOTE—If the shipper declines or fails to declare the value or agree to a released value in writing the shipment will not be accepted, but if shipment is inadvertently accepted, charges will initially be assessed on basis of the class for the highest valuation provided. Upon proof of the lower actual value, freight charges will be adjusted to the basis of the class or rate applicable in connection with such actual value. In no instance will carriers' liability exceed the highest value for which classes are provided.	

SUBJECT 3

Present Classification Provisions—Concluded

Item	Description	Class
	METALS GROUP: subject to item 135300	
136590	Type Metal , not metal printers' type; or Type Metal Adjusting Alloys ; in packages:	
Sub 1	Tin content not exceeding 10 percent.....	55
Sub 2	Tin content exceeding 10 percent	60
136610	White Metal Alloys , NOI, bars, pigs or slabs, see Note, item 136612, in packages	60
136612	NOTE—Does not apply on alloys containing gold, silver, palladium or platinum.	
136650	Zirconium-manganese-silicon , in bags, boxes or drums	60

Proposed Classification Provisions

Item	Description	Class
	METALS GROUP: subject to item 135300	
135320	Aluminum-nickel , crushed or powdered, etc	⇒Cancel; see item A-NEW
135335	Anodes , cadmium, cast, etc.....	⇒Cancel; see item A-NEW
135340	Antimony, Britannia, Pewter or White Metalware , NOI, etc	⇒Cancel; see item A-NEW
135360	Antimony Metal , in cakes or slabs, etc	⇒Cancel; see item A-NEW
135400	Babbitt Metal (white metal alloys containing in excess of 10 percent tin), bars, pigs, slabs or scraps, etc	⇒Cancel; see item A-NEW
135420	Bars, Pigs or Sheets , britannia metal, etc	⇒Cancel; see item A-NEW
135440	Beryllium Bronze or Beryllium Copper, or Beryllium Bronze or Beryllium Copper Articles , NOI, containing 0.5 percent to 2 percent beryllium, etc.....	⇒Cancel; see item A-NEW
135441	NOTE—⇒Cancel; no further application.	
135442	NOTE—⇒Cancel; no further application.	
135443	NOTE—⇒Cancel; no further application.	
135460	Blanks , britannia metal, NOI, etc	⇒Cancel; see item A-NEW
135461	NOTE—⇒Cancel; no further application.	
135462	NOTE—⇒Cancel; no further application.	

SUBJECT 3

Proposed Classification Provisions—Continued

Item	Description	Class
	METALS GROUP: subject to item 135300	
135500	Cable , scrap, lead covered copper, consisting of lead covered copper cable worn out or otherwise rendered unfit for use, having value only for remelting purposes, etc	⇒ Cancel; see item A-NEW
135530	Calcium , metallic, etc	⇒ Cancel; see item A-NEW
135550	Castings , NOI, babbitt or white metal, etc	⇒ Cancel; see item A-NEW
135560	Castings , NOI, tin alloy, etc	⇒ Cancel; see item A-NEW
135580	Chrome Aluminum , etc	⇒ Cancel; see item A-NEW
135600	Chrome Tungsten , etc.....	⇒ Cancel; see item A-NEW
135625	Disks, Circles, Sheet or Strip , pewter, etc	⇒ Cancel; see item A-NEW
135670	Dross or Skimmings , solder, etc.....	⇒ Cancel; see item A-NEW
135680	Dross or Skimmings , type metal, etc	⇒ Cancel; see item A-NEW
135700	Dross or Sludge , cadmium, etc.....	⇒ Cancel; see item A-NEW
135720	Electrotype Base Metal , etc	⇒ Cancel; see item A-NEW
135780	Gold Plated Ware , not on silver, NOI, etc	⇒ Cancel; see item A-NEW
135782	Ferro-cobalt-nickel alloys, viz.: Articles, NOI, Sheet, Strip or Tubing , in boxes; or Wire , etc	⇒ Cancel; see item A-NEW
135800	Ingots , beryllium-aluminum, etc	⇒ Cancel; see item A-NEW
135850	Lead Base Alloys , NOI, tin content not exceeding 10 percent, etc	⇒ Cancel; see item A-NEW
135890	Manganese-copper , etc	⇒ Cancel; see item A-NEW
135910	Manganese Metal , etc	⇒ Cancel; see item A-NEW
135930	Manganese-silicon , etc.....	⇒ Cancel; see item A-NEW

SUBJECT 3

Proposed Classification Provisions—Continued

Item	Description	Class
	METALS GROUP: subject to item 135300	
135950	Metal , thermostat, etc	⇒Cancel; see item A-NEW
135990	Nickel Magnesium Alloy or Nickel Magnesium Silicon Alloy, viz.: Ingots, Lumps or Granules , etc	⇒Cancel; see item A-NEW
136030	Powder , ferro-nickel, etc	⇒Cancel; see item A-NEW
136040	Quicksilver (Metallic Mercury) , etc	⇒Cancel; see item A-NEW
136060	Residue , consisting of copper, lead, tin and other non-ferrous metals, tin content not to exceed 50 percent, having value for re-melting purposes only, etc	⇒Cancel; see item A-NEW
136080	Residue , zinc lead, etc.....	⇒Cancel; see item A-NEW
136100	Scrap , antimony metal, etc.....	⇒Cancel; see item A-NEW
136120	Scrap , lead base alloy, tin content not exceeding 10 percent, etc	⇒Cancel; see item A-NEW
136140	Scrap , NOI, cadmium, etc.....	⇒Cancel; see item A-NEW
136160	Scrap , silver plated metal, not on silver, etc	⇒Cancel; see item A-NEW
136200	Scrap , white metal alloy, NOI, etc	⇒Cancel; see item A-NEW
136210	Sheet Metal , silver plated, not on silver, NOI, etc	⇒Cancel; see item A-NEW
136240	Silicon (metal containing not less than 96 percent nor more than 99 percent of silica), etc.....	⇒Cancel; see item A-NEW
136260	Silicon Copper , etc	⇒Cancel; see item A-NEW
136340	Silver Plated Ware or Pewter Plated Ware , not on silver or pewter, NOI, etc	⇒Cancel; see item A-NEW
136430	Solder , braziers', NOI, other than with gold, palladium or silver content, etc	⇒Cancel; see item A-NEW
136440	Solder , NOI, other than with gold, palladium or silver content, etc	⇒Cancel; see item A-NEW

SUBJECT 3

Proposed Classification Provisions—Continued

Item	Description	Class
	METALS GROUP: subject to item 135300	
136441	NOTE—⇒Cancel; no further application.	
136450	Speiss (smelter by-product, containing cobalt-nickel), etc ⇒Cancel; see item A-NEW	
136460	Tellurium Metal , etc ⇒Cancel; see item A-NEW	
136480	Terne Metal (alloy of lead and tin), bars, pigs, slabs or scraps, etc ⇒Cancel; see item A-NEW	
136490	Turnings , aluminum and magnesium, mixed, etc..... ⇒Cancel; see item A-NEW	
136492	NOTE—⇒Cancel; no further application.	
136500	Metal, NOI, or Metal Alloys, NOI: Articles, NOI, Bars, Billets, Blooms, Castings, NOI, in boxes, crates or drums; Forgings, Ingots, Pigs, Plates, Powder, Rings, Rods, Scrap, Sheets, Shot, Sponge, Strip, Welding Rods or Wire, Other Forms or Shapes, NOI, consisting of one piece of metal, etc ⇒Cancel; see item A-NEW	
136512	NOTE—⇒Cancel; no further application.	
136514	NOTE—⇒Cancel; no further application.	
136516	NOTE—⇒Cancel; no further application.	
136590	Type Metal , not metal printers' type; or Type Metal Adjusting Alloys; etc ⇒Cancel; see item A-NEW	
136610	White Metal Alloys, NOI, bars, pigs or slabs, etc ⇒Cancel; see item A-NEW	

SUBJECT 3

Proposed Classification Provisions—Continued

Item	Description	Class
	METALS GROUP: subject to item 135300	
136612	NOTE—⇒Cancel; see item B-NEW.	
136650	Zirconium-manganese-silicon , etc ⇒Cancel; see	item A-NEW
⇒A-NEW	Metals or Metal Alloys , see Note, item B-NEW, viz.: Anodes , NOI, in packages; Articles , NOI, in packages; Bars , NOI, in packages; Billets , NOI, in packages; Blanks , NOI, in packages; Blooms , NOI, in packages; Cakes , NOI, in packages; Castings , NOI, in boxes, crates or drums; Circles , NOI, in boxes; Dross, Skimmings, or Sludge , in bags, boxes or drums; Disks , NOI, in boxes; Forgings , NOI, in packages; Forms or Shapes , NOI, consisting of one piece of metal, in packages; Ingots , NOI, in packages; Metals or Metal Alloys , NOI, in packages; Pigs , NOI, in packages; Plates , NOI, in packages; Powder , NOI, in bags, boxes or drums; Residue , NOI, in boxes or drums; Rings , NOI, in packages; Rods , NOI, in packages; Scrap , NOI, in packages; Sheets , NOI, in packages; Shot , NOI, in packages; Slab , NOI, in packages; Solder , NOI, in packages; Speiss (smelter by-product, containing cobalt-nickel), in bags or drums; Sponge , NOI, in packages; Strip , NOI, in boxes;	

SUBJECT 3

Proposed Classification Provisions—Concluded

Item	Description	Class
METALS GROUP: subject to item 135300		
Metals or Metal Alloys, viz.: subject to item A-NEW		
Turnings, NOI, other than scrap, in boxes or drums;		
Welding Rods or Wire, NOI, in packages or on reels;		
Subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater.....	50
⇒ B-NEW NOTE—Does not apply on alloys containing gold, silver, palladium or platinum.		

Analysis

Introduction

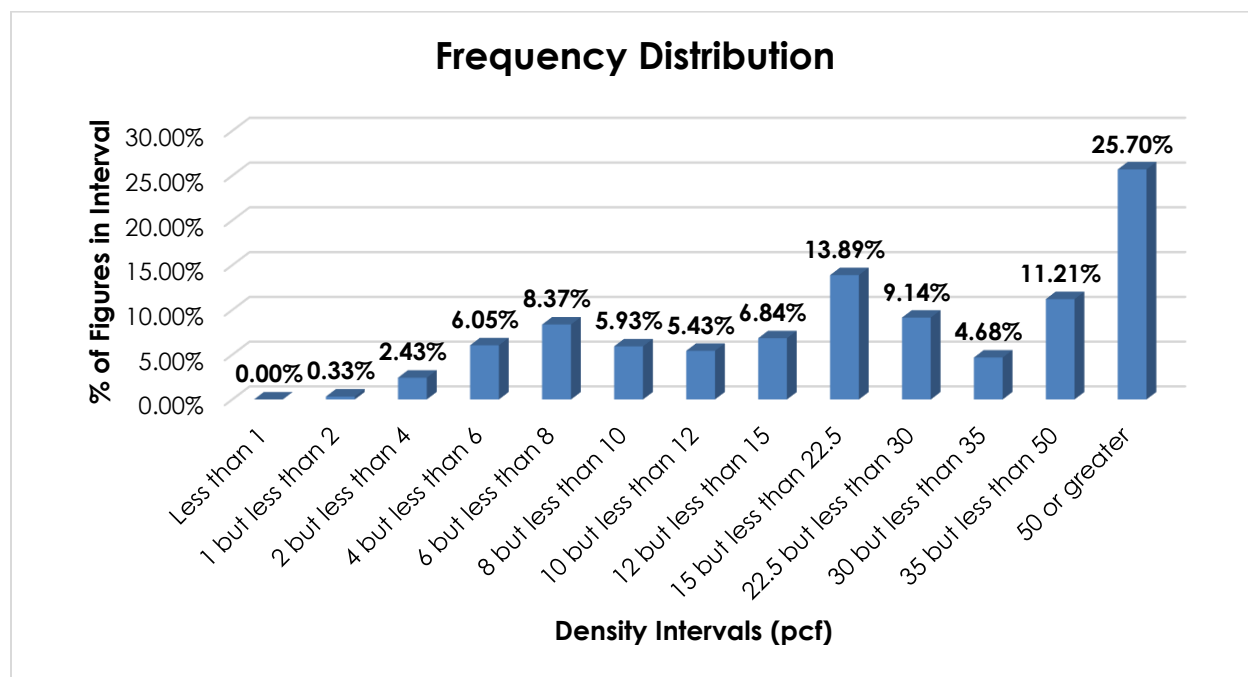
There are numerous items subject to the Metals Group that name particular types of metals or metal alloys, and these provisions can be difficult to interpret, apply, or verify. The transportation characteristics below relate to the items subject to the Metals Group, as shown in the Present Classification Provisions herein.

Transportation Characteristics

Density—The information of record includes 26,455 density observations obtained from the FCDC's Density Study⁴. The densities range from 1.21 to 149.96 pcf, with an overall average density of 35.14 pcf. As shown in the graph on the following page, the density distribution is broadly spread throughout the range, with a distinct peak in the greater than 50 pcf interval, and smaller peaks in the 6 but less than 8 pcf, and 15 but less than 22.5 pcf intervals.

⁴ The Density Study is part of an ongoing effort by the FCDC to collect information on actual shipments across all product categories handled by the LTL industry. Carriers that choose to participate in the Study periodically submit shipment data captured through their respective freight auditing programs. The FCDC uses verifiable data points, identified by NMFC item, that include the weight and the dimensions and/or cube of the shipping unit.

SUBJECT 3



Handling, Stowability, and Liability—There have been no reports of unusual or significant handling, stowability, or liability issues.

Conclusion

Based on the foregoing analysis, numerous items in the Metals Group, as shown in the Proposed Classification Provisions herein, would be canceled with reference to a new item, which would provide the FCDC's 13-subprovision density scale⁵, and a "viz." format. Note, item 136612, would be canceled and reestablished attendant to the new item to clarify the application of the articles in the "viz." Additionally, ten Notes would be canceled with no further application.

The FCDC's Packaging Development Manager has reviewed the proposed minimum packaging requirements and determined they are appropriate for the LTL environment.

⁵ The FCDC's standard 13-subprovision density scale includes reference to Item (Rule) 170, the inadvertence clause.

SUBJECT 4

SUBJECT 4: Agricultural Implements, Hand, Group

Re: Agricultural Implements, Hand, Group

Contact: Lanae Peterson

FCDC@nmfta.org

Proponent: Freight Classification Development Council

Quick View

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 4: Agricultural Implements, Hand, Group

Quick View: Eighteen items in the Agricultural Implements, Hand, Group are canceled with reference to item 186600.

- “Viz.” listing in item 186600 amended
- Item 7040 canceled with reference to item 63825
- Agricultural Implements, Hand, Group, item 6060, canceled with no further application
- Note, item 6087 canceled with no further application

Transportation Characteristics Present:

- Handling ☐Yes ☒No Stowability ☐Yes ☒No Liability ☐Yes ☒No Density ☒Yes ☐No

Provisions based on:

- FCDC’s 13-subprovision density scale


SUBJECT 4

Present Classification Provisions

Item	Description	Class
6060	AGRICULTURAL IMPLEMENTS, HAND, GROUP: Articles consist of Agricultural Implements, hand, or Parts Named, as described in items subject to this grouping.	
6080	Agricultural Implement Parts , hand, NOI, in packages:	
Sub 1	Iron or steel	85
Sub 2	Wooden:	
Sub 3	Finished	100
Sub 4	In the white	60
6085	Assortments , tool, consisting of hand agricultural implements and shovels, spades or scoops, steel or steel and wood combined, with or without other hand tools, see Note, item 6087, in boxes.....	77.5
6087	NOTE—The weight of hand agricultural implements or hand tools other than agricultural implements classed Class 85 or higher must not exceed 10 percent of weight upon which charges are assessed.	
6100	Blades , scythe, in boxes	70
7040	Cleaning, Grading or Separating Machines (Fanning Mills) , grain or seed:	
Sub 1	Completely KD, in boxes or crates	85
Sub 2	SU or partially taken apart:	
Sub 3	Loose or on skids	200
Sub 4	Drums detached, in boxes or crates	150
Sub 5	Drums, dust hoods or wind chutes, fan boxes and sieves removed and secured within main frame, in boxes or crates	100
7060	Cultivators , not wheeled:	
Sub 1	In packages, other than Package 2361	77.5
Sub 2	In Package 2361	70
7080	Cultivators , wheeled:	
Sub 1	SU, loose	200
Sub 2	SU, in boxes or crates.....	150
Sub 3	KD, in packages.....	77.5
8040	Cutters , weed, in packages	85
8080	Drills or Seeders , wheeled:	
Sub 1	SU, loose	200
Sub 2	SU, in boxes or crates.....	150
Sub 3	KD, in packages.....	77.5
8090	Edgers , turf, in packages	85
8120	Forks , metal tined:	
Sub 1	In packages, other than Package 2361	77.5
Sub 2	In Package 2361	70
8190	Heads , fork, hoe, manure hook, potato hook or rake:	
Sub 1	In bundles	77.5
Sub 2	In boxes, crates or drums	60

SUBJECT 4

Present Classification Provisions—Continued

Item	Description	Class
AGRICULTURAL IMPLEMENTS, HAND, GROUP: subject to item 6060		
8210	Hoes , NOI, not wheeled:	
Sub 1	In packages, other than Package 2361	77.5
Sub 2	In Package 2361	70
8390	Planters , not wheeled:	
Sub 1	In boxes or crates	85
Sub 2	In bundles	100
8410	Plows , wheeled:	
Sub 1	SU, in boxes or crates.....	150
Sub 2	SU, loose	200
Sub 3	KD, in packages.....	77.5
8430	Pruners , tree, NOI, other than power operated:	
Sub 1	In packages other than boxes	200
Sub 2	In boxes	85
8490	Rollers , garden or lawn, loose or in packages.....	70
8530	Seeders , not wheeled, in boxes or crates	85
8535	Sets , garden hand tool, consisting of trowels, spading forks, cultivators and dibbles, in cartons in boxes	77.5
8740	Weeders , not wheeled, in packages	77.5
63825*	 Exhibits , museum, Articles of Antiquity or Antiques , see Note, item 63826.....	0
63826	NOTE—Not Involved.	

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SUBJECT 4

Present Classification Provisions—Concluded

Item	Description	Class
	TOOLS, OR PARTS NAMED, GROUP: subject to item 183500	
186600*	Tools, or Parts Named, viz.: Tools , NOI, hand, other than power, in boxes; Tools , NOI, hand, power, see Note, item 186606, in boxes or crates; [Other Articles Listed—Not Involved.] Subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater.....	50
186601	NOTE—Not Involved.	
186602	NOTE—Not Involved.	
186603	NOTE—Not Involved.	
186604	NOTE—Not Involved.	
186605	NOTE—Not Involved.	
186606	NOTE—Not Involved.	

* Published in Supplement 1 to NMF 100-AY, effective July 19, 2025.

SUBJECT 4

Proposed Classification Provisions

Item	Description	Class
6060	AGRICULTURAL IMPLEMENTS, HAND, GROUP , etc	⇒Cancel; no further application
6080	Agricultural Implement Parts , hand, NOI, etc,.....	⇒Cancel; see item 186600
6085	Assortments , tool, consisting of hand agricultural implements and shovels, spades or scoops, steel or steel and wood combined, with or without other hand tools, etc	⇒Cancel; see item 186600
6087	NOTE—⇒Cancel; no further application.	
6100	Blades , scythe, etc	⇒Cancel; see item 186600
7040	Cleaning, Grading or Separating Machines (Fanning Mills) , grain or seed, etc	⇒Cancel; see item 63825
7060	Cultivators , not wheeled, etc	⇒Cancel; see item 186600
7080	Cultivators , wheeled, etc	⇒Cancel; see item 186600
8040	Cutters , weed, etc.....	⇒Cancel; see item 186600
8080	Drills or Seeders , wheeled, etc.....	⇒Cancel; see item 186600
8090	Edgers , turf, etc.....	⇒Cancel; see item 186600
8120	Forks , metal tined, etc	⇒Cancel; see item 186600
8190	Heads , fork, hoe, manure hook, potato hook or rake, etc	⇒Cancel; see item 186600
8210	Hoes , NOI, not wheeled, etc	⇒Cancel; see item 186600
8390	Planters , not wheeled, etc	⇒Cancel; see item 186600
8410	Plows , wheeled, etc	⇒Cancel; see item 186600
8430	Pruners , tree, NOI, other than power operated, etc	⇒Cancel; see item 186600
8490	Rollers , garden or lawn, etc	⇒Cancel; see item 186600
8530	Seeders , not wheeled, etc	⇒Cancel; see item 186600
8535	Sets , garden hand tool, consisting of trowels, spading forks, cultivators and dibbles, etc	⇒Cancel; see item 186600

SUBJECT 4

Proposed Classification Provisions—Concluded

Item	Description	Class
	AGRICULTURAL IMPLEMENTS, HAND, GROUP: subject to item 6060	
8740	Weeders , not wheeled, etc.....	⇒Cancel; see item 186600
63825	👉 Exhibits , museum, Articles of Antiquity or Antiques , see Note, item 63826.....	0
63826	NOTE—No Change.	
	TOOLS, OR PARTS NAMED, GROUP: subject to item 183500	
186600	Tools, or Parts Named, viz.: ⇒ Agricultural Implements or Parts thereof , hand, NOI, in packages; Tools , NOI, hand, other than power, in boxes; Tools , NOI, hand, power, see Note, item 186606, in boxes or crates; [Other Articles Listed—No Change.] Subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater	50
186601	NOTE—No Change.	
186602	NOTE—No Change.	
186603	NOTE—No Change.	
186604	NOTE—No Change.	
186605	NOTE—No Change.	
186606	NOTE—No Change.	

SUBJECT 4

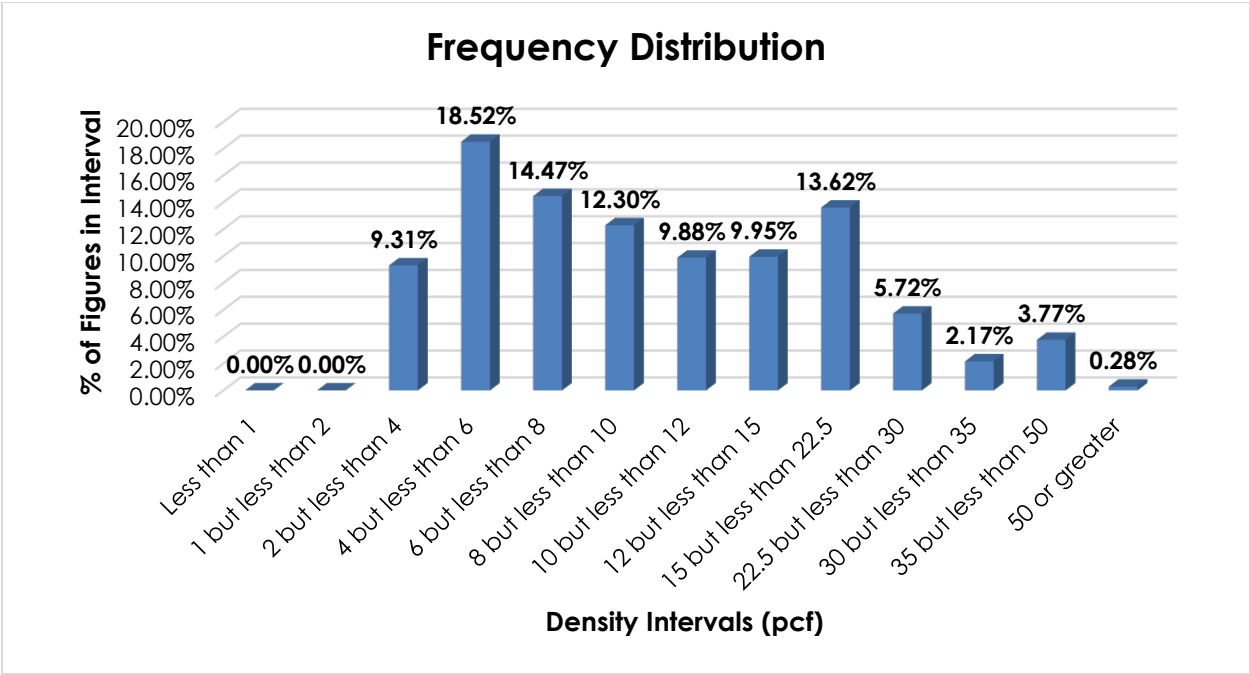
Analysis

Introduction

All the items in the Agricultural Implements, Hand, Group name particular types of hand tools used in agricultural settings, and these provisions can be difficult to interpret, apply, or verify. The transportation characteristics below relate to items subject to the Agricultural Implements, Hand, Group, as shown in the Present Classification Provisions herein.

Transportation Characteristics

Density—The information of record includes 2,813 density observations obtained from the FCDC’s Density Study⁶. The densities range from 2.90 to 50.12 pcf, with an average density of 12.16 pcf. As shown in the graph below, the densities are distributed throughout the range.



Handling, Stowability, and Liability—There have been no reports of unusual or significant handling, stowability, or liability issues.

⁶ The Density Study is part of an ongoing effort by the FCDC to collect information on actual shipments across all product categories handled by the LTL industry. Carriers that choose to participate in the Study periodically submit shipment data captured through their respective freight auditing programs. The FCDC uses verifiable data points, identified by NMFC item, that include the weight and the dimensions and/or cube of the shipping unit.

SUBJECT 4**Conclusion**

Based on the foregoing analysis, eighteen items subject to the Agricultural Implements, Hand, Group would be canceled with reference to the full-scale, density-based provisions of item 186600⁷. Concurrently, this proposal would amend the "viz." listing in item 186600 to name "Agricultural Implements or Parts thereof, hand, NOI."

Additionally, the Agricultural Implements, Hand, Group, item 6060 and Note, item 6087, would be canceled with no further application, and item 7040 would be canceled with reference to item 63825.

The FCDC's Packaging Development Manager has reviewed the proposed minimum packaging requirements and determined they are appropriate for the LTL environment.

⁷ Item 186600 provides the FCDC's standard 13-subprovision density scale, which includes reference to Item (Rule) 170, the inadvertence clause.

SUBJECT 5

SUBJECT 5: Leather, Leatherboard or Leather Goods

Re: Leather, Leatherboard or Leather Goods

Contact: Amber Parker

FCDC@nmfta.org

Proponent: Freight Classification Development Council

Quick View

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 5: Leather, Leatherboard or Leather Goods

Quick View: Ten items related to leather, leatherboard, and leather goods are canceled with reference to a new item with classes predicated on the FCDC's 13-subprovision density scale.

- Generic heading, item 110600, canceled with no further application
- Five Notes canceled with no further application

Transportation Characteristics Present:

- Handling ☐Yes ☒No Stowability ☐Yes ☒No Liability ☐Yes ☒No Density ☒Yes ☐No

Provisions based on:

- FCDC's 13-subprovision density scale

SUBJECT 5

Present Classification Provisions

Item	Description	Class
110580	Leather Goods , NOI, in boxes or drums	100
110600	LEATHER OR LEATHERBOARD:	
110620	Blue Chrome Splits , partially tanned and having moisture content not less than 30 percent, in packages	70
110640	Chamois , in boxes or drums	100
110660	Leather , ground, in bags, bales, boxes or drums	70
110680	Leather, viz.:	
	Bellies , rough;	
	Butts , rough belting;	
	Ends , rough belting butt;	
	Leather , sole, cut stock, including soles, heels, taps, counters or welting;	
	Leather , sole;	
	Leather , transmission belting;	
	Leathers , cattle hide, horsehide, pigskin, sheepskin or lambskin in the original tannery shapes (not cut to shape for final use), not including kip skin nor calfskin leather;	
	Shoulders , rough;	
	Splits , rough;	
	In packages, see Notes, items 110682 and 110684.....	70
110682	NOTE—Blocks, squares or strips, other than bellies, heads or shoulders, of sole leather, in bundles, must be completely wrapped with burlap or strong paper; or bundles must have wooden boards on top and bottom securely bound with metal bands or wire.	
110684	NOTE—Will also apply on shipments consisting of leather counters, heels, soles or taps, in combination packages with small tubes of rubber or leather cement or nails for affixing to boots or shoes.	
110700	Leather , NOI, in packages, see Note, item 110702	85
110702	NOTE—Bundles or rolls, in shipments of less than 24,000 pounds, must be completely wrapped with burlap or strong paper. Rough or unfinished walrus leather may be shipped loose.	
110720	Leather , pancake, in packages.....	70
110800	Leather Scrap , NOI, in packages, see Note, item 110804:	
Sub 1	Released value not exceeding 3-½ cents per pound, see Note, item 110802	60
Sub 2	Not released as to value.....	70

SUBJECT 5

Present Classification Provisions—Concluded

Item	Description	Class
	LEATHER OR LEATHERBOARD: subject to item 110600	
110802	NOTE—The value declared in writing by the shipper, or agreed upon in writing as the released value of the property, as the case may be, must be entered on the shipping order and bill of lading as follows: <i>"The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ cents per pound."</i> (Classes herein based on released value have been authorized by the Interstate Commerce Commission in Released Rates Order MC No. 1 of January 16, 1936, as amended October 20, 1948, August 9, 1966, October 7, 1966, October 12, 1970 and March 31, 1980.)	
110804	NOTE—Applies only on old worn-out leather articles, other than belting, boots or shoes, or on scraps of old (used) leather, or on tanners' tearoffs or rough roundings, or on leather refuse from the manufacture of leather or leather goods, and does not apply on bellies, heads, shanks or shoulders, nor on leather cut or stamped into forms, shapes or strips.	
110820	Leatherboard , scrap, value declared in writing by shipper, or agreed upon in writing as the released value of the property, in accordance with the following, see Note, item 110802, in packages:	
Sub 1	Released value not exceeding 3½ cents per pound.....	60
Sub 2	Released value exceeding 3½ cents per pound	70
110860	Tie Strings (Rawhide Leather Strips of Irregular Width and Length) , in bales, boxes or drums	70

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SUBJECT 5

Proposed Classification Provisions

Item	Description	Class
110580	Leather Goods , NOI, etc.....	⇒Cancel; see item NEW
110600	LEATHER OR LEATHERBOARD:	⇒Cancel; no further application
110620	Blue Chrome Splits , partially tanned and having moisture content not less than 30 percent, etc.....	⇒Cancel; see item NEW
110640	Chamois , etc	⇒Cancel; see item NEW
110660	Leather , ground, etc	⇒Cancel; see item NEW
110680	Leather, viz.: Bellies , rough; Butts , rough belting; Ends , rough belting butt; Leather , sole, cut stock, including soles, heels, taps, counters or welting; Leather , sole; Leather , transmission belting; Leathers , cattle hide, horsehide, pigskin, sheepskin or lambskin in the original tannery shapes (not cut to shape for final use), not including kip skin nor calfskin leather; Shoulders , rough; Splits , rough, etc	⇒Cancel; see item NEW
110682	NOTE—⇒Cancel; no further application.	
110684	NOTE—⇒Cancel; no further application.	
110700	Leather , NOI, etc	⇒Cancel; see item NEW
110702	NOTE—⇒Cancel; no further application.	
110720	Leather , pancake, etc	⇒Cancel; see item NEW
110800	Leather Scrap , NOI, etc	⇒Cancel; see item NEW
110802	NOTE—⇒Cancel; no further application.	
110804	NOTE—⇒Cancel; no further application.	
110820	Leatherboard , scrap, value declared in writing by shipper, or agreed upon in writing as the released value of the property, in accordance with the following, etc	⇒Cancel; see item NEW
110860	Tie Strings (Rawhide Leather Strips of Irregular Width and Length) , etc	⇒Cancel; see item NEW

SUBJECT 5

Proposed Classification Provisions—Concluded

Item	Description	Class
⇒NEW	Leather, Leatherboard or Leather Goods , NOI, including Scrap Leather , In bags, boxes, crates or drums, or in wrapped bundles or rolls, subject to Item 170 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	175
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 but less than 35	60
Sub 12	35 but less than 50	55
Sub 13	50 or greater	50

Analysis

Introduction

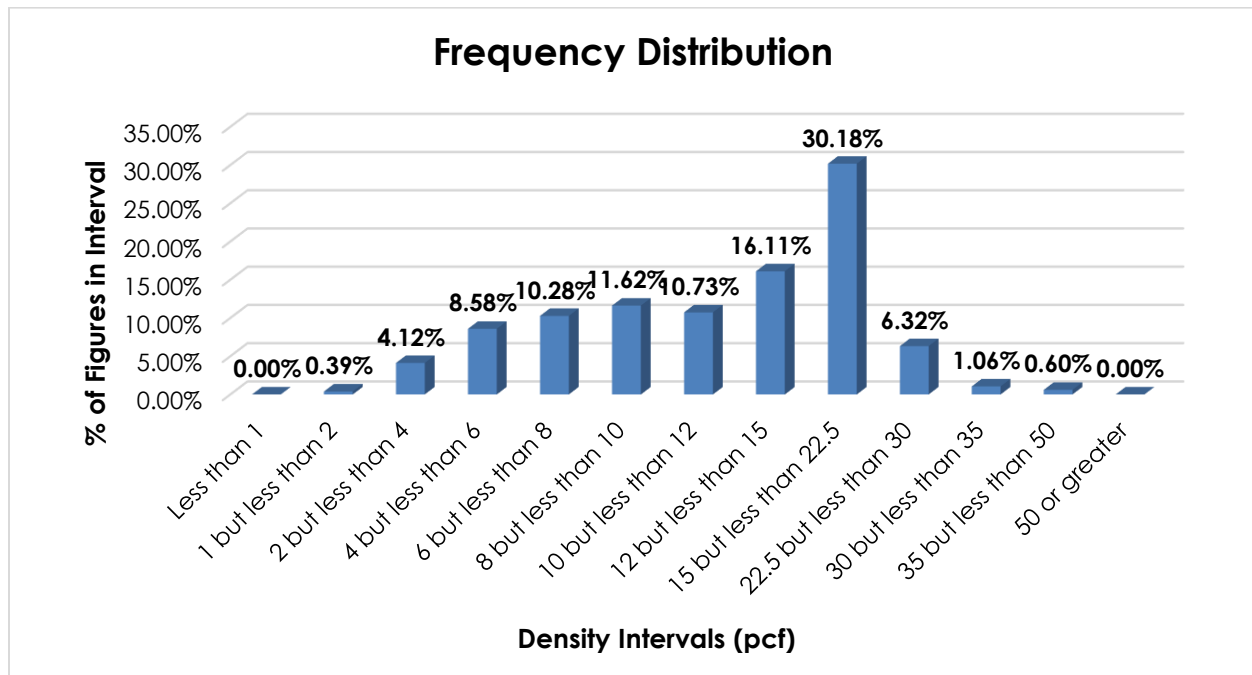
Ten items, as shown in the Present Classification Provisions herein, name particular types of leather, leatherboard, or leather goods, and these provisions can be difficult to interpret, apply, or verify.

Transportation Characteristics

Density—The information of record includes 12,037 density observations obtained from the FCDC’s Density Study⁸. The densities range from 1.51 to 43.71 pcf, with an overall average density of 13.25 pcf. As shown in the graph on following page, the density distribution is left-skewed, with a distinct peak in the 15 but less than 22.5 pcf interval.

⁸ The Density Study is part of an ongoing effort by the FCDC to collect information on actual shipments across all product categories handled by the LTL industry. Carriers that choose to participate in the Study periodically submit shipment data captured through their respective freight auditing programs. The FCDC uses verifiable data points, identified by NMFC item, that include the weight and the dimensions and/or cube of the shipping unit.

SUBJECT 5



Handling, Stowability, and Liability—There have been no reports of unusual or significant handling, stowability, or liability issues.

Conclusion

Based on the foregoing analysis, the involved articles do not present any unusual or significant handling, stowing, or liability issues, and density has been determined to be the primary transportation characteristic.

Therefore, nine items subject to the Leather or Leatherboard generic heading and item 110580 would be canceled with reference to the new item, naming “Leather, Leatherboard or Leather Goods, NOI, including Scrap Leather.” The new item would provide classes predicated on the FCDC’s standard 13-subprovision density scale⁹.

Additionally, the Leather or Leatherboard generic heading, item 110600, would be canceled with no further application. Furthermore, five Notes would be canceled with no further application.

The FCDC’s Packaging Development Manager has reviewed the proposed minimum packaging requirements and determined they are appropriate for the LTL environment.

⁹ The FCDC’s standard 13-subprovision density scale includes reference to Item (Rule) 170, the inadvertence clause.

SUBJECT 6

SUBJECT 6: Evergreens, Decorative, Cut

Re: Evergreens, Decorative, Cut

Contact: Amber Parker

FCDC@nmfta.org

Proponent: Freight Classification Development Council

Quick View

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 6: Evergreens, Decorative, Cut

Quick View: Four items related to decorative evergreens are canceled with reference to item 56040.

- “Viz.” listing in item 56040 amended
- New Note attendant to item 56040 established
- Generic heading, item 63650, canceled with no further application

Transportation Characteristics Present:

- Handling ☐Yes ☒No Stowability ☐Yes ☒No Liability ☐Yes ☒No Density ☒Yes ☐No

Provisions based on:

- FCDC’s 13-subprovision density scale

SUBJECT 6

Present Classification Provisions

Item	Description	Class
	DECORATIONS GROUP: subject to item 55750	
56040*	Flowers, Foliage, Grasses, Leaves, Plants, Bushes, Trees, Vines or Branches, Arrangements, Designs, Sprays or Wreaths, see Note, item 56041, artificial or natural, other than live plants, see Note, item 56042, viz.: Arrangements, NOI, in boxes; Berries, Pips or Stamens, clay, cement or plaster and twine or wire combined, in boxes; Branches, Christmas tree, plastic, with steel wire cores or centers, in boxes; Branches, NOI, in boxes; Bushes, NOI, in boxes; Cemetery Memorial Sets, consisting of hollow glass blocks with wooden bases and detached metal legs, see Note, item 56043, in boxes; Cereal Stalks, dried, not manufactured or manufactured into clusters, shapes or sheaves, in boxes; Christmas Trees, artificial, NOI, with or without stands, in fiberboard tubes see Note, item 56044, or in boxes; Designs, NOI, in boxes; Flowers, NOI, in boxes; Foliage, NOI, in boxes; Grasses, NOI, in boxes; Leaves, NOI, in boxes; Plants, NOI, in boxes; Roots, decorative, in packages; Roots, driftwood, in packages; Sprays, NOI, in boxes; Trees, NOI, in boxes;	

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SUBJECT 6

Present Classification Provisions—Continued

Item	Description	Class
DECORATIONS GROUP: subject to item 55750		
Flowers, Foliage, Grasses, Leaves, Plants, Bushes, Trees, Vines or Branches, Arrangements, Designs, Sprays or Wreaths, viz.: subject to item 56040		
Wreaths, NOI, in boxes;		
Subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater	50
56041	NOTE—Not Involved.	
56042	NOTE—Not Involved.	
56043	NOTE—Not Involved.	
56044	NOTE—Not Involved.	
63650	EVERGREENS, DECORATIVE, CUT: prepaid	
63670	Christmas Trees, NOI	85
63690	Evergreens, decorative, cut, NOI, other than in the form of designs, wreaths or sprays:	
Sub 1	In packages not machine pressed	100
Sub 2	In machine pressed bales.....	85
63710	Ground Pine or Evergreen Moss, fresh or preserved, in packages	100
63730	Holly, Mistletoe or Holly Wreaths, in bales, boxes, crates or drums, or in boxes strapped in bundles.....	300

* Published in Supplement 1 to NMF 100-AY, effective July 19, 2025.

SUBJECT 6

Proposed Classification Provisions

Item	Description	Class
56040	<p>DECORATIONS GROUP: subject to item 55750</p> <p>Flowers, Foliage, Grasses, Leaves, Plants, Bushes, Trees, Vines or Branches, Arrangements, Designs, Sprays or Wreaths, see Note, item 56041, artificial or natural, other than live plants, see Note, item 56042, viz.:</p> <p>Arrangements, NOI, in boxes;</p> <p>Berries, Pips or Stamens, clay, cement or plaster and twine or wire combined, in boxes;</p> <p>Branches, Christmas tree, plastic, with steel wire cores or centers, in boxes;</p> <p>Branches, NOI, in boxes;</p> <p>Bushes, NOI, in boxes;</p> <p>Cemetery Memorial Sets, consisting of hollow glass blocks with wooden bases and detached metal legs, see Note, item 56043, in boxes;</p> <p>Cereal Stalks, dried, not manufactured or manufactured into clusters, shapes or sheaves, in boxes;</p> <p>Christmas Trees, artificial, NOI, with or without stands, in fiberboard tubes see Note, item 56044, or in boxes;</p> <p>⇒ Christmas Trees, cut, NOI, in packages;</p> <p>Designs, NOI, in boxes;</p> <p>⇒ Evergreens, decorative, cut, NOI, in packages;</p> <p>Flowers, NOI, in boxes;</p> <p>Foliage, NOI, in boxes;</p> <p>Grasses, NOI, in boxes;</p> <p>⇒ Ground Pine or Evergreen Moss, fresh, see Note, item NEW; or preserved; in packages;</p> <p>Leaves, NOI, in boxes;</p> <p>Plants, NOI, in boxes;</p> <p>Roots, decorative, in packages;</p> <p>Roots, driftwood, in packages;</p> <p>Sprays, NOI, in boxes;</p> <p>Trees, NOI, in boxes or crates;</p>	

SUBJECT 6

Proposed Classification Provisions—Concluded

Item	Description	Class
DECORATIONS GROUP: subject to item 55750		
Flowers, Foliage, Grasses, Leaves, Plants, Bushes, Trees, Vines or Branches, Arrangements, Designs, Sprays or Wreaths, viz.: subject to item 56040		
Wreaths, NOI, ⇨ in bales, boxes, bundles or crates;		
Subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater.....	50
56041	NOTE—No Change.	
56042	NOTE—No Change.	
56043	NOTE—No Change.	
56044	NOTE—No Change.	
⇨NEW	NOTE—Does not apply on fresh ground pine or evergreen moss intended for planting.	
63650	EVERGREENS, DECORATIVE, CUT, etc	⇨Cancel; no further application
63670	Christmas Trees, NOI	⇨Cancel; see item 56040
63690	Evergreens, decorative, cut, NOI, other than in the form of designs, wreaths or sprays, etc	⇨Cancel; see item 56040
63710	Ground Pine or Evergreen Moss, fresh or preserved, etc	⇨Cancel; see item 56040
63730	Holly, Mistletoe or Holly Wreaths, etc	⇨Cancel; see item 56040

SUBJECT 6

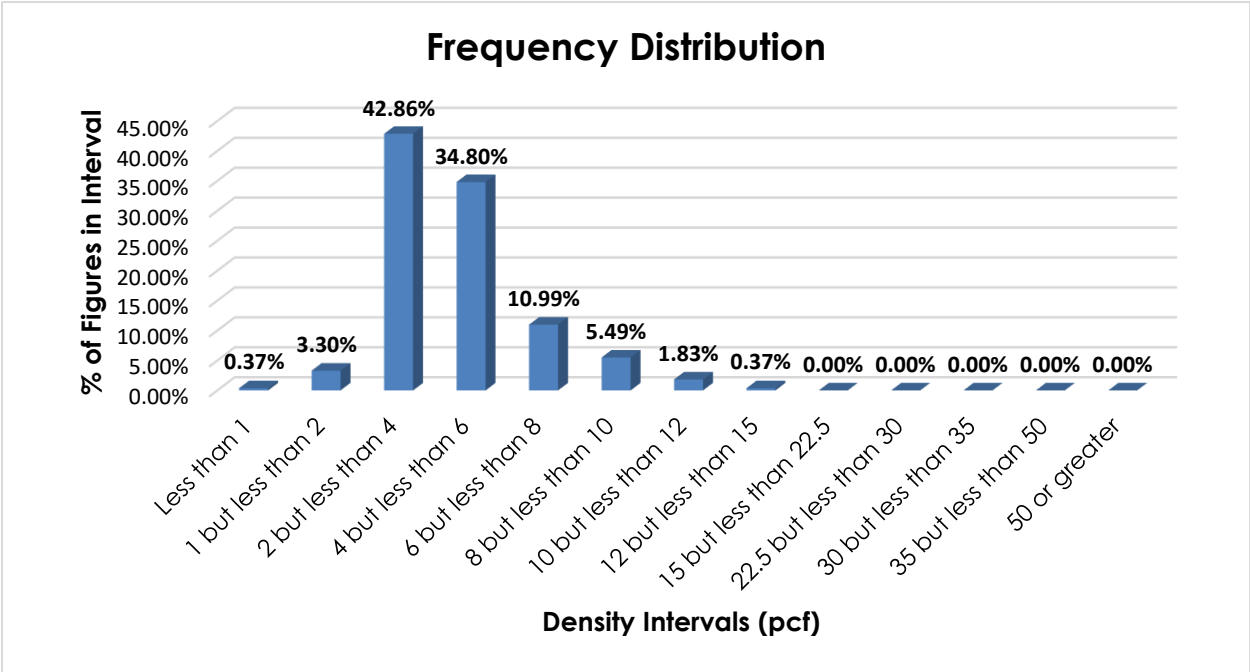
Analysis

Introduction

Four items subject to the Evergreens, Decorative, Cut generic heading, as shown in the Present Classification Provisions herein, name particular types of evergreen commodities, and these provisions can be difficult to interpret, apply or verify. The transportation characteristics below relate to items 63670, 63690, 63710, and 63730.

Transportation Characteristics

Density—The information of record includes 273 density observations obtained from the FCDC’s Density Study¹⁰. The densities range from 0.46 to 12.71 pcf, with an overall average density of 4.52 pcf. As shown in the graph below, the densities are right skewed with a distinct peak in the 2 but less than 4 pcf interval.



Handling, Stowability and Liability—There have been no reports of unusual or significant handling, stowability or liability issues.

¹⁰ The Density Study is part of an ongoing effort by the FCDC to collect information on actual shipments across all product categories handled by the LTL industry. Carriers that choose to participate in the Study periodically submit shipment data captured through their respective freight auditing programs. The FCDC uses verifiable data points, identified by NMFC item, that include the weight and the dimensions and/or cube of the shipping unit.

SUBJECT 6**Conclusion**

Based on the foregoing analysis, items 63670, 63690, 63710, and 63730 would be canceled with reference to the full-scale, density-based provisions of item 56040¹¹. Additionally, this proposal would amend the "viz." listing in item 56040 in the interest of clarification. A new Note attendant to item 56040 would also be established to clarify the application of the articles listed in the "viz."

Furthermore, the Evergreens, Decorative, Cut generic heading, item 63650, would be canceled with no further application.

The FCDC's Packaging Development Manager has reviewed the proposed minimum packaging requirements and determined they are appropriate for the LTL environment.

¹¹ Item 56040 provides the FCDC's standard 13-subprovision density scale, which includes reference to Item (Rule) 170, the inadvertence clause.

SUBJECT 7

SUBJECT 7: Broilers, Grills, Roasters or Stoves, and Related Cooking Equipment

Re: Broilers, Grills, Roasters or Stoves, and Related Cooking Equipment

Contact: Lanae Peterson

FCDC@nmfta.org

Proponent: Freight Classification Development Council

Quick View

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 7: Broilers, Grills, Roasters or Stoves, and Related Cooking Equipment

Quick View: Item 26720 is canceled with reference to a new item, which would provide classes based on the FCDC’s standard 13-subprovision density scale.

- Numerous items within the “viz.” listing of item 25525 combined for clarification and simplification
- Note, item 29926 canceled with reference to the new item
- Two Notes canceled with no further application

Transportation Characteristics Present:

- Handling ☐Yes ☒No Stowability ☐Yes ☒No Liability ☐Yes ☒No Density ☒Yes ☐No

Provisions based on:

- FCDC’s 13-subprovision density scale

SUBJECT 7

Present Classification Provisions

Item	Description	Class
25525*	<p>BOILERS, FURNANCES, STOVES AND RELATED ARTICLES GROUP: subject to 25400</p> <p>Boilers, Furnaces, Radiators, Stoves, Related Articles or Parts thereof, viz.:</p> <p>Army Field Ranges and Cooking Outfits, in packages;</p> <p>Army Tent Stoves, sheet steel, nested, in packages;</p> <p>Boiler Parts, iron or steel, viz.:</p> <p>Braces; Flanges; Nozzles; or Handhole or Manhole Collars,</p> <p>Covers, Crabs or Lugs; in packages;</p> <p>Casings, KD, insulated or not insulated, in boxes;</p> <p>Domes or Drums, in packages;</p> <p>Doors, with or without frames, in packages;</p> <p>Flues or Tubes, not enameled, in packages;</p> <p>Header Sections (Headers and Tubes or Baffles combined),</p> <p>in packages;</p> <p>Heads (Ends), in packages;</p> <p>Parts, cast, NOI, in packages;</p> <p>Plates, in packages;</p> <p>Sections, cast iron, in packages;</p> <p>Broilers, Cookers or Roasters, electric, NOI, see Note, item 25526, with or without broiler grids, ovenware dishes, insert pan or racks, in boxes or Package 1082;</p> <p>Broilers, Grills, Roasters or Smokers, cooking, portable, outdoor type, charcoal burning, kamado style, ceramic, with or without components of other materials, see Note, item 25527, in boxes;</p> <p>Broilers, Grills, Roasters or Stoves, cooking, portable, outdoor type, charcoal burning, steel, in boxes;</p> <p>Broilers, Grills, Roasters or Stoves, cooking, outdoor type, charcoal burning, metal, with or without components of other materials, in boxes or Package 1082, see Notes, items 25528 and 25529;</p> <p>Broilers, Grills, Roasters or Stoves, cooking, outdoor type, electric, steel or cast aluminum, with heating elements, in boxes;</p> <p>Broilers, Grills, Roasters or Stoves, cooking, outdoor type, gas burning, steel or cast aluminum, and Coolers combined, see Note, item 25530, in boxes;</p> <p>Broilers, Grills, Roasters or Stoves, cooking, outdoor type, gas burning, steel or cast aluminum, other than trailer mounted, in boxes;</p> <p>Broilers, Grills, Roasters or Stoves, cooking, outdoor type, gas burning, steel, trailer mounted, in packages;</p> <p>Burners (Burner Heads), gas appliance, see Note, item 25531, in boxes or crates;</p>	

SUBJECT 7

Present Classification Provisions—Continued

Item	Description	Class
	BOILERS, FURNANCES, STOVES AND RELATED ARTICLES GROUP: subject to item 25400	
	Boilers, Furnaces, Radiators, Stoves, Related Articles or Parts Thereof, viz.:	
	subject to item 25525	
	Camp Stoves or Grills , cooking, outdoor type, charcoal burning, designed for permanent installation, steel, in packages;	
	Coffee Makers or Coffee or Hot Water Urns , electric or gas, NOI, see Notes, items 25532, 25533 and 25534, in boxes or crates;	
	Cookers or Steamers , food, cast iron or cast iron and plate or sheet steel combined, NOI, in boxes or crates;	
	Elements , air preheater, consisting of welded parallel steel plates forming gas passages, in boxes;	
	Elements , immersion heating (heating grid and connection such as used for heating water, water heaters or similar appliances), in boxes;	
	Food Cabinets or Counters , gas or electrically heated, in boxes or crates;	
	Furnace Doors , house heating, with or without frames, iron, in packages;	
	Furnace Radiators , house heating, iron, see Note, item 25535, in boxes or crates;	
	Furnaces , assayers', in boxes or crates;	
	Furnaces , house heating, hot air, see Note, item 25536, in boxes or crates;	
	Grids , cooking, wire, in boxes;	
	Grills or Grill Kits , cooking, outdoor type, charcoal burning, consisting of metal pan or burner, grill top and charcoal, with or without cooking utensils, in boxes;	
	Guards , spatter, stove or range burner, aluminum, in boxes;	
	Heat Regulators , stove or range, electric or gas, in boxes;	
	Heaters , gas, kerosene or oil, portable, with or without blowers or fans, in boxes;	
	Heaters , gas, other than portable, in boxes, crates or Packages 1082, 1127 or 2030;	
	Heaters , internal combustion engine cooling system, in boxes;	
	Heaters , water, tankless, see Note, item 26511, in boxes;	
	Heaters or Stoves , alcohol, portable, in boxes;	
	Humidifiers , whole house, automatic, in boxes;	
	Incinerators , garbage, offal or rubbish, NOI, in packages;	
	Lehrs (Ovens , glass annealing or decorating), or Parts , NOI, in packages;	
	Lighters or Ignitors , gas, outdoor grill or camping stove, piezoelectric spark producing, in boxes;	

SUBJECT 7

Present Classification Provisions—Continued

Item	Description	Class
	BOILERS, FURNANCES, STOVES AND RELATED ARTICLES GROUP: subject to item 25400	
	Boilers, Furnaces, Radiators, Stoves, Related Articles or Parts Thereof, viz.:	
	subject to item 25525	
	Manifolds, gas, furnace, stove or heater, without valves, in packages;	
	Ovens, NOI, other than cooking, in boxes, crates or Packages 112, 131, 972, 1019, 1082 or 2260;	
	Racks, cooking, wire, interlaced, in boxes;	
	Registers, Diffusers or Grilles, air, NOI, with or without coating or lining of insulation, in boxes or crates;	
	Starters, charcoal, outdoor grill or camping stove, sheet steel, with or without components of other materials, in boxes;	
	Stove Ornaments or Trimmings, NOI, in boxes or crates;	
	Stove Splasher Plates, wall, metal, see Note, item 25538, in boxes;	
	Stove Splashers, NOI, enameled steel, in boxes;	
	Stove or Range Canopies or Hoods, in boxes or crates;	
	Stove or Range Castings, iron, other than enameled or plated, NOI, in packages;	
	Stove or Range Parts, iron or steel, other than castings, NOI, see Note, item 25544, in boxes or crates;	

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SUBJECT 7

Present Classification Provisions—Continued

Item	Description	Class
	BOILERS, FURNANCES, STOVES AND RELATED ARTICLES GROUP: subject to item 25400	
	Boilers, Furnaces, Radiators, Stoves, Related Articles or Parts Thereof, viz.:	
	subject to item 25525	
	Stoves or Ranges, iron or steel, see Note, item 25544, viz.:	
	Coal, Wood or Solid Fuel, see Note, item 25539, in boxes, crates or Packages 1082 or 2324, see Notes, items 25540 and 25541;	
	Gas, NOI, other than cooking, see Note, item 25543;	
	Gasoline, NOI; Oil, NOI, other than hand or wheel portable motor operated blower type; Gas Radiators, NOI; or Charcoal, Coal, Oil or Wood and Gas combined, NOI; see Notes, items 25540, 25542 and 25545, in boxes, crates, or Packages 112, 131, 972 or 1082;	
	Oil Burning or Oil Burning and Gas combined, cast, malleable or plate, or plate or sheet with cast or malleable doors, frames and tops, or plate or sheet with cast iron bases and tops, other than with motor operated burners, in boxes or crates;	
	Subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater.....	50
25526	NOTE—Also applies on Slow Cookers, Pressure Cookers or Rice Cookers.	
25527	NOTE—Also applies on complementary carts, tables, side shelves or other accessories in same package.	
25528	NOTE—Trailer mounted units may be shipped in packages.	
25529	NOTE—Individual units exceeding 115 united inches (length, width and depth added), as tendered for shipment, may be shipped in packages.	
25530	NOTE—Also applies on accompanying kitchen hand or cleaning tools in same or separate packages.	

SUBJECT 7

Present Classification Provisions—Continued

Item	Description	Class
	BOILERS, FURNANCES, STOVES AND RELATED ARTICLES GROUP: subject to item 25400	
	Boilers, Furnaces, Radiators, Stoves, Related Articles or Parts Thereof, viz.:	
	subject to item 25525	
25531	NOTE—Not Involved.	
25532	NOTE—Not Involved.	
25533	NOTE—Not Involved.	
25534	NOTE—Not Involved.	
25535	NOTE—Not Involved.	
25536	NOTE—Not Involved.	
25538	NOTE—Not Involved.	
25539	NOTE—Not Involved.	
25540	NOTE—Not Involved.	
25541	NOTE—Not Involved.	
25542	NOTE—Not Involved.	
25543	NOTE—Not Involved.	
25544	NOTE—Not Involved.	
25545	NOTE—Not Involved.	

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SUBJECT 7

Present Classification Provisions—Concluded

Item	Description	Class
	BOILERS, FURNANCES, STOVES AND RELATED ARTICLES GROUP: subject to item 25400	
26720*	Ovens, Ranges or Stoves , cooking, and Related Cooking Equipment , electric or gas, viz.: Convection Ovens , including Air Fryers ; Grills or Broilers , indoor type, with integral heating elements in tops or in tops and bottoms; Hotplates ; Microwave Ovens ; Ovens , NOI; Pizza Ovens ; Ranges , NOI; Stoves , NOI, indoor type; Stovetops, Cooktops or Grills , NOI, indoor type; Toaster Ovens ; Waffle Irons ; In boxes, crates or Packages 112, 131, 972, 1019, 1082, 1462 or 2260, see Note, item 26721, subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater	50
26721	NOTE—Articles weighing each greater than 110 pounds must be tendered in authorized packages secured on a lift truck skid, pallet or platform.	

* Published in Supplement 1 to NMF 100-AY, effective July 19, 2025.

SUBJECT 7

Proposed Classification Provisions

Item	Description	Class
25525	<p>BOILERS, FURNANCES, STOVES AND RELATED ARTICLES GROUP: subject to 25400</p> <p>Boilers, Furnaces, Radiators, Stoves, Related Articles or Parts thereof, viz.:</p> <p>⇒ Apparatuses, cooking, outdoor type, NOI, including Army Field Ranges, Cooking Outfits, and Tent Stoves, see Notes, items 25527 and 25530, in packages;</p> <p>⇒ Army Field Ranges and Cooking Outfits, in packages;</p> <p>⇒ Army Tent Stoves, sheet steel, nested, in packages;</p> <p>Boiler Parts, iron or steel, viz.:</p> <p>Braces; Flanges; Nozzles; or Handhole or Manhole Collars, Covers, Crabs or Lugs; in packages;</p> <p>Casings, KD, insulated or not insulated, in boxes;</p> <p>Domes or Drums, in packages;</p> <p>Doors, with or without frames, in packages;</p> <p>Flues or Tubes, not enameled, in packages;</p> <p>Header Sections (Headers and Tubes or Baffles combined), in packages;</p> <p>Heads (Ends), in packages;</p> <p>Parts, cast, NOI, in packages;</p> <p>Plates, in packages;</p> <p>Sections, cast iron, in packages;</p> <p>⇒ Broilers, Cookers or Roasters, electric, NOI, see Note, item 25526, with or without broiler grids, ovenware dishes, insert pan or racks, in boxes or Package 1082;</p> <p>⇒ Broilers, Grills, Roasters or Smokers, cooking, portable, outdoor type, charcoal burning, kamado style, ceramic, with or without components of other materials, see Note, item 25527, in boxes;</p> <p>⇒ Broilers, Grills, Roasters or Stoves, cooking, portable, outdoor type, charcoal burning, steel, in boxes;</p> <p>⇒ Broilers, Grills, Roasters or Stoves, cooking, outdoor type, charcoal burning, metal, with or without components of other materials, in boxes or Package 1082, see Notes, items 25528 and 25529;</p> <p>⇒ Broilers, Grills, Roasters or Stoves, cooking, outdoor type, electric, steel or cast aluminum, with heating elements, in boxes;</p> <p>⇒ Broilers, Grills, Roasters or Stoves, cooking, outdoor type, gas burning, steel or cast aluminum, and Coolers combined, see Note, item 25530, in boxes;</p> <p>⇒ Broilers, Grills, Roasters or Stoves, cooking, outdoor type, gas burning, steel or cast aluminum, other than trailer mounted, in boxes;</p> <p>⇒ Broilers, Grills, Roasters or Stoves, cooking, outdoor type, gas burning, steel, trailer mounted, in packages;</p> <p>Burners (Burner Heads), gas appliance, see Note, item 25531, in boxes or crates;</p>	

SUBJECT 7

Proposed Classification Provisions—Continued

Item	Description	Class
	BOILERS, FURNANCES, STOVES AND RELATED ARTICLES GROUP: subject to item 25400	
	Boilers, Furnaces, Radiators, Stoves, Related Articles or Parts thereof, viz.:	
	subject to item 25525	
	⇒Camp Stoves or Grills, cooking, outdoor type, charcoal burning, designed for permanent installation, steel, in packages;	
	Coffee Makers or Coffee or Hot Water Urns, electric or gas, NOI, see Notes, items 25532, 25533 and 25534, in boxes or crates;	
	⇒Cookers or Steamers, food, cast iron or cast iron and plate or sheet steel combined, NOI, in boxes or crates;	
	Elements, air preheater, consisting of welded parallel steel plates forming gas passages, in boxes;	
	Elements, immersion heating (heating grid and connection such as used for heating water, water heaters or similar appliances), in boxes;	
	Food Cabinets or Counters, gas or electrically heated, in boxes or crates;	
	Furnace Doors, house heating, with or without frames, iron, in packages;	
	Furnace Radiators, house heating, iron, see Note, item 25535, in boxes or crates;	
	Furnaces, assayers', in boxes or crates;	
	Furnaces, house heating, hot air, see Note, item 25536, in boxes or crates;	
	Grids, cooking, wire, in boxes;	
	⇒Grills or Grill Kits, cooking, outdoor type, charcoal burning, consisting of metal pan or burner, grill top and charcoal, with or without cooking utensils, in boxes;	
	Guards, spatter, stove or range burner, aluminum, in boxes;	
	Heat Regulators, stove or range, electric or gas, in boxes;	
	Heaters, gas, kerosene or oil, portable, with or without blowers or fans, in boxes;	
	Heaters, gas, other than portable, in boxes, crates or Packages 1082, 1127 or 2030;	
	Heaters, internal combustion engine cooling system, in boxes;	
	Heaters, water, tankless, see Note, item 26511, in boxes;	
	Heaters or Stoves, alcohol, portable, in boxes;	
	Humidifiers, whole house, automatic, in boxes;	
	Incinerators, garbage, offal or rubbish, NOI, in packages;	
	Lehrs (Ovens, glass annealing or decorating), or Parts, NOI, in packages;	
	Lighters or Ignitors, gas, outdoor grill or camping stove, piezoelectric spark producing, in boxes;	

SUBJECT 7

Proposed Classification Provisions—Continued

Item	Description	Class
	BOILERS, FURNANCES, STOVES AND RELATED ARTICLES GROUP: subject to item 25400	
	Boilers, Furnaces, Radiators, Stoves, Related Articles or Parts thereof, viz.:	
	subject to item 25525	
	Manifolds, gas, furnace, stove or heater, without valves, in packages;	
	Ovens, NOI, other than cooking, in boxes, crates or Packages 112, 131, 972, 1019, 1082 or 2260;	
	Racks, cooking, wire, interlaced, in boxes;	
	Registers, Diffusers or Grilles, air, NOI, with or without coating or lining of insulation, in boxes or crates;	
	Starters, charcoal, outdoor grill or camping stove, sheet steel, with or without components of other materials, in boxes;	
	Stove Ornaments or Trimmings, NOI, in boxes or crates;	
	Stove Splasher Plates, wall, metal, see Note, item 25538, in boxes;	
	Stove Splashers, NOI, enameled steel, in boxes;	
	Stove or Range Canopies or Hoods, in boxes or crates;	
	Stove or Range Castings, iron, other than enameled or plated, NOI, in packages;	
	Stove or Range Parts, iron or steel, other than castings, NOI, see Note, item 25544, in boxes or crates;	

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SUBJECT 7

Proposed Classification Provisions—Continued

Item	Description	Class
BOILERS, FURNANCES, STOVES AND RELATED ARTICLES GROUP: subject to item 25400		
Boilers, Furnaces, Radiators, Stoves, Related Articles or Parts thereof, viz.:		
subject to item 25525		
Stoves or Ranges, iron or steel, see Note, item 25544, viz.:		
Coal, Wood or Solid Fuel, see Note, item 25539, in boxes, crates or Packages 1082 or 2324, see Notes, items 25540 and 25541;		
Gas, NOI, other than cooking, see Note, item 25543;		
Gasoline, NOI; Oil, NOI, other than hand or wheel portable motor operated blower type; Gas Radiators, NOI; or Charcoal, Coal, Oil or Wood and Gas combined, NOI; see Notes, items 25540, 25542 and 25545, in boxes, crates, or Packages 112, 131, 972 or 1082;		
Oil Burning or Oil Burning and Gas combined, cast, malleable or plate, or plate or sheet with cast or malleable doors, frames and tops, or plate or sheet with cast iron bases and tops, other than with motor operated burners, in boxes or crates;		
Subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater.....	50
25526	NOTE—⇨Cancel; see item A-NEW.	
25527	NOTE—No Change.	
25528	NOTE—⇨Cancel; no further application.	
25529	NOTE—⇨Cancel; no further application.	
25530	NOTE—No Change.	
25531	NOTE—No Change.	

SUBJECT 7

Proposed Classification Provisions—Continued

Item	Description	Class
	BOILERS, FURNANCES, STOVES AND RELATED ARTICLES GROUP: subject to item 25400	
25532	NOTE—No Change.	
25533	NOTE—No Change.	
25534	NOTE—No Change.	
25535	NOTE—No Change.	
25536	NOTE—No Change.	
25538	NOTE—No Change.	
25539	NOTE—No Change.	
25540	NOTE—No Change.	
25541	NOTE—No Change.	
25542	NOTE—No Change.	
25543	NOTE—No Change.	
25544	NOTE—No Change.	
25545	NOTE—No Change.	
26720	Ovens, Ranges or Stoves , cooking, and Related Cooking Equipment , electric or gas, viz.: Convection Ovens , including Air Fryers ; Grills or Broilers , indoor type, with integral heating elements in tops or in tops and bottoms; Hotplates ; Microwave Ovens ; Ovens , NOI; Pizza Ovens ; Ranges , NOI; Stoves , NOI, indoor type; Stovetops, Cooktops or Grills , NOI, indoor type; Toaster Ovens ; Waffle Irons , etc ➞Cancel; see item A-NEW	
26721	NOTE—➞Cancel; see item B-NEW.	

SUBJECT 7

Proposed Classification Provisions—Concluded

Item	Description	Class
	BOILERS, FURNANCES, STOVES AND RELATED ARTICLES GROUP: subject to item 25400	
⇒A-NEW	Ovens, Ranges or Stoves, cooking, and Related Cooking Equipment, electric or gas, viz.: Broilers, Cookers or Roasters, with or without broiler grids, ovenware dishes, insert pan or racks; Convection Ovens, including Air Fryers; Grills or Broilers, indoor type, with integral heating elements in tops or in tops and bottoms; Hotplates; Microwave Ovens; Ovens, NOI; Pizza Ovens; Pressure Cookers; Ranges, NOI; Rice or Slow Cookers; Steamers, NOI; Stoves, NOI, indoor type; Stovetops, Cooktops or Grills, NOI, indoor type; Toaster Ovens; Waffle Irons; In boxes, crates or Packages 112, 131, 972, 1019, 1082, 1462 or 2260, see Note, item 26721, subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater.....	50
⇒B-NEW	NOTE— Each article weighing greater than 110 pounds must be tendered in authorized packages secured on a lift truck skid, pallet or platform.	

SUBJECT 7**Analysis and Conclusion**

As a result of action taken on Docket 2025-1, Subject 14 (March 2025), item 26720 was amended to provide the FCDC's new 13-subprovision density scale. For consistency, this proposal would cancel item 26720 with reference to a new item, which would provide the FCDC's 13-subprovision density scale¹², and the "viz." listing in the new item would be amended to include related cooking equipment. Additionally, Note, item 25526 would be canceled with reference to the new item to include rice, slow, and pressure cookers in the "viz.," and Note, item 26721 would be canceled with reference to a new Note attendant to the new item.

Concurrently, this proposal would amend the "viz." listing in item 25525 to combine the various types of outdoor cooking apparatuses, naming "Apparatuses, cooking, outdoor type, NOI, including Army Field Ranges, Cooking Outfits, and Tent Stoves." Two Notes would be canceled with no further application.

The FCDC's Packaging Development Manager has reviewed the proposed minimum packaging requirements and determined they are appropriate for the LTL environment.

¹² The FCDC's standard 13-subprovision density scale includes reference to Item (Rule) 170, the inadvertence clause.

SUBJECT 8

SUBJECT 8: Air Handling Equipment

Re: Air Handling Equipment

Contact: Larissa A. Franklin

FCDC@nmfta.org

Proponent: Freight Classification Development Council

Quick View

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 8: Air Handling Equipment

Quick View: Ten items related to air handling equipment are canceled with reference to a new item, naming “Air Conditioners, Air Coolers, Air Heaters, Air Handling Equipment, or Parts thereof, other than portable,” which provides a “viz.” format, and classes based on packaging and density.

- The “viz.” listings in items 25525 and 61700 amended
- Four Notes canceled with no further application
- Two Notes canceled and reestablished attendant to new item
- One packaging Note established attendant to new item

Transportation Characteristics Present:

- Handling ☒Yes ☐No Stowability ☒Yes ☐No Liability ☒Yes ☐No Density ☒Yes ☐No

Provisions based on:

- Packaging and density

SUBJECT 8

Present Classification Provisions

Item	Description	Class
	BOILERS, FURNANCES, STOVES AND RELATED ARTICLES GROUP: subject to item 25400	
25525*	Boilers, Furnaces, Radiators, Stoves, Related Articles or Parts thereof, viz.: Humidifiers , whole house, automatic, in boxes; [Other Articles Listed—Not Involved.] Subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater	50
25526	NOTE—Not Involved.	
25527	NOTE—Not Involved.	
25528	NOTE—Not Involved.	
25529	NOTE—Not Involved.	
25530	NOTE—Not Involved.	
25531	NOTE—Not Involved.	
25532	NOTE—Not Involved.	
25533	NOTE—Not Involved.	
25534	NOTE—Not Involved.	
25535	NOTE—Not Involved.	
25536	NOTE—Not Involved.	
25538	NOTE—Not Involved.	
25539	NOTE—Not Involved.	
25540	NOTE—Not Involved.	
25541	NOTE—Not Involved.	
25542	NOTE—Not Involved.	
25543	NOTE—Not Involved.	
25544	NOTE—Not Involved.	
25545	NOTE—Not Involved.	

SUBJECT 8

Present Classification Provisions—Continued

Item	Description	Class
57157*	Devices , terminal control, forced air distribution, see Note, item 57158, in boxes or crates, subject to Item 170 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	175
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 but less than 35	60
Sub 12	35 but less than 50	55
Sub 13	50 or greater	50
57158*	NOTE—Applies on terminal devices for controlling air pressure, temperature or volume in forced air cooling or heating systems, with or without heating or cooling coils or electric resistance grids.	
	ELECTRICAL EQUIPMENT GROUP: subject to item 60500	
61700*	Electrical Appliances, Equipment or Instruments, or Parts thereof, viz.: Fresheners, Cleaners or Purifiers , air, portable, with or without night-light, in boxes or crates; Humidifiers or Vaporizers , portable, NOI, in boxes; [Other Articles Listed—Not Involved.] Subject to Item 170 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	175
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 but less than 35	60
Sub 12	35 but less than 50	55
Sub 13	50 or greater	50
61702	NOTE—Not Involved.	
61703	NOTE—Not Involved.	
61704	NOTE—Not Involved.	
61705	NOTE—Not Involved.	

SUBJECT 8


Present Classification Provisions—Continued

Item	Description	Class
	ELECTRICAL EQUIPMENT GROUP: subject to item 60500	
61706	NOTE—Not Involved.	
61707	NOTE—Not Involved.	
61708	NOTE—Not Involved.	
61709	NOTE—Not Involved.	
61710	NOTE—Not Involved.	
61711	NOTE—Not Involved.	
61712	NOTE—Not Involved.	
61713	NOTE—Not Involved.	
61714	NOTE—Not Involved.	
61715	NOTE—Not Involved.	
61716	NOTE—Not Involved.	
61717	NOTE—Not Involved.	
61718	NOTE—Not Involved.	
61719	NOTE—Not Involved.	
61721	NOTE—Not Involved.	
61722	NOTE—Not Involved.	
61723	NOTE—Not Involved.	
61724	NOTE—Not Involved.	
61725	NOTE—Not Involved.	
61726	NOTE—Not Involved.	
61727	NOTE—Not Involved.	
61728	NOTE—Not Involved.	
61729	NOTE—Not Involved.	
61731	NOTE—Not Involved.	
61732	NOTE—Not Involved.	
61733	NOTE—Not Involved.	
61734	NOTE—Not Involved.	
61735	NOTE—Not Involved.	

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SUBJECT 8



Present Classification Provisions—Continued

Item	Description	Class
MACHINERY GROUP: subject to item 114000		
114100*	Air Cleaners or Air Filtering Machines , electrostatic or mechanical, without blowers or fans, other than portable, other than fume or gas scrubbers and other than using renewable roll-type filtering media, in boxes or crates, subject to Item 170 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	175
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 but less than 35	60
Sub 12	35 but less than 50	55
Sub 13	50 or greater	50
114110*	 Air Cleaners, Dehumidifiers, NOI, or Washers , with blowers or fans:	
Sub 1	In boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 6	200
Sub 3	6 but less than 10	110
Sub 4	10 or greater	77.5
Sub 5	In packages other than boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 6	Less than 6	250
Sub 7	6 but less than 10	125
Sub 8	10 or greater	85

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SUBJECT 8

Present Classification Provisions—Continued

Item	Description	Class
	MACHINERY GROUP: subject to item 114000	
114125*	 Air Conditioners, Air Coolers or Air Handling Equipment, viz.: Air Conditioners or Air Coolers , NOI, with or without compressors or heating apparatus; Air Handlers , with or without heating apparatus; Heat Pumps , air heating or cooling; Refrigeration Condensers , NOI; Refrigeration Evaporators (Cooling Coils or Cooling Units) , NOI;	
Sub 1	In boxes, crates or Packages 2475 or 2476, see Note, item 114128, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 6	200
Sub 3	6 but less than 10.....	125
Sub 4	10 or greater.....	77.5
Sub 5	In packages other than boxes, crates or Packages 2475 or 2476, see Notes, items 114128 and 114129, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 6	Less than 6	250
Sub 7	6 but less than 10.....	150
Sub 8	10 or greater.....	85
114128	NOTE—Accompanying parts for installation may be in boxes.	
114129	NOTE—Exposed coils or other components or parts liable to damage must be protected by wood, corrugated fiberboard, expanded plastic or similar material.	
114130*	 Air Coolers , water evaporative type, with blowers or fans, with or without heating action:	
Sub 1	In boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 4	250
Sub 3	4 but less than 6	200
Sub 4	6 or greater.....	110
Sub 5	In packages other than boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 6	Less than 4	300
Sub 7	4 but less than 6	250
Sub 8	6 or greater.....	125

SUBJECT 8

Present Classification Provisions—Continued

Item	Description	Class
MACHINERY GROUP: subject to item 114000		
114142*	Air Heaters , other than portable, with blowers or fans, with or without accompanying hardware or accessories, in packages, subject to Item 170 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	175
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 but less than 35	60
Sub 12	35 but less than 50	55
Sub 13	50 or greater	50
114145*	 Air Humidifiers , NOI, with blowers or fans:	
Sub 1	In boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 6	200
Sub 3	6 but less than 10	125
Sub 4	10 or greater.....	85
Sub 5	In packages other than boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 6	Less than 6	250
Sub 7	6 but less than 10	150
Sub 8	10 or greater.....	92.5
122865	Heaters , air, solar, window, roof or wall mounting, NOI, with solar collectors, blowers or fans, and thermostat, with or without mounting hardware or accessorial equipment, in boxes	250
122866	Heaters , air, wall mounting, with thermal energy storage rods, blowers or fans, and thermostat, with or without mounting hardware, see Note, item 122867, on pallets, see Note, item 122868	85
122867	NOTE—Applies only on air heaters that collect and store solar energy by means of thermal energy storage rods, which consist of a salt compound permanently enclosed in plastic pipe or tubing.	
122868	NOTE—Exposed portions of fan/filter assembly must be covered by lumber of sufficient width to prevent damage by mechanical handling equipment. Top glazed surface must be protected by fiberboard wallboard reinforced with cleats.	

SUBJECT 8

Present Classification Provisions—Continued

Item	Description	Class
	MACHINERY GROUP: subject to item 114000	
	Ice Making or Refrigerating Machinery or Machines: subject to item 123200	
123280*	Compressors , refrigeration or air conditioning, in boxes or crates, see Note, item 123272, subject to Item 170 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	175
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 but less than 35	60
Sub 12	35 but less than 50	55
Sub 13	50 or greater.....	50
123281*	NOTE—Refrigeration or air conditioning compressors may be shipped secured on lift truck skids or pallets without being boxed or crated when having an additional lift truck skid or pallet on top of the handling unit to permit stacking. Entire handling unit must be secured together with strapping in both directions so as to withstand the normal rigors of the less-than- truckload environment.	

Package 2475

1. Articles having a gross weight not exceeding 100 pounds and not exceeding 90 united inches (see Note) may be shipped in corrugated fiberboard boxes testing not less than 200 pounds, **OR**

2. Articles having a gross weight not exceeding 250 pounds and not exceeding 100 united inches (see Note) may be shipped in either doublewall corrugated fiberboard boxes testing not less than 200 pounds or in singlewall corrugated fiberboard boxes testing not less than 275 pounds.

3. Articles having a gross weight not exceeding 250 pounds and not exceeding 100 united inches (see Note) may be shipped in singlewall corrugated fiberboard boxes testing not less than 200 pounds provided that a 1/2-inch clearance is maintained between article and inner walls and ends of box by interior forms or pads.

Note—'United inches' refers to the sum of the length, width and height of the article as packaged for shipment.

SUBJECT 8

Present Classification Provisions—Concluded**Package 2475 Continued**

4. Articles having a gross weight exceeding 250 pounds must be mounted on or rest on a lift truck skid or pallet, or be designed having integral skid base or runners suitable for mechanical handling.

(a) Exposed coil surface area must be fully covered by wood, fiberboard or ³/₄-inch thick expanded plastic foam.

(b) Articles individually outfitted with bases designed for forklift handling, in lieu of in boxes or crates, must have tops protected by a full-dimension wooden framework or doublewall sheet of corrugated fiberboard or a material of equivalent protective properties. When sides and ends of article are not fully protected by wood or fiberboard, vertical corners must be protected by full-height corner posts of wood, fiberboard, expanded plastic foam or any combination thereof.

(c) When packaging components are not secured by an outer fiberboard container, packaging components must be secured in position by banding, pressure-sensitive adhesive, or by wrapping with plastic shrink or stretch film, total plies not less than 2.5 mils in thickness.

Package 2476

Air conditioning units having a gross weight not exceeding 450 pounds and not exceeding 135 united inches may be shipped in either doublewall corrugated fiberboard boxes testing not less than 200 pounds or in singlewall corrugated fiberboard boxes testing not less than 275 pounds.

* Published in Supplement 1 to NMF 100-AY, effective July 19, 2025.

SUBJECT 8

Proposed Classification Provisions

Item	Description	Class
	BOILERS, FURNACES, STOVES AND RELATED ARTICLES GROUP: subject to item 25400	
25525	Boilers, Furnaces, Radiators, Stoves, Related Articles or Parts thereof, viz.: ⇒ Humidifiers, whole house, automatic, etc; [Other Articles Listed—No Change.] Subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater	50
25526	NOTE—No Change.	
25527	NOTE—No Change.	
25528	NOTE—No Change.	
25529	NOTE—No Change.	
25530	NOTE—No Change.	
25531	NOTE—No Change.	
25532	NOTE—No Change.	
25533	NOTE—No Change.	
25534	NOTE—No Change.	
25535	NOTE—No Change.	
25536	NOTE—No Change.	
25538	NOTE—No Change.	
25539	NOTE—No Change.	
25540	NOTE—No Change.	
25541	NOTE—No Change.	
25542	NOTE—No Change.	
25543	NOTE—No Change.	
25544	NOTE—No Change.	
25545	NOTE—No Change.	
57157	Devices , terminal control, forced air distribution, etc	⇒ Cancel; see item A-NEW




SUBJECT 8

Proposed Classification Provisions—Continued

Item	Description	Class
57158	NOTE—⇒Cancel; see item B-NEW.	
	ELECTRICAL EQUIPMENT GROUP: subject to 60500	
61700	Electrical Appliances, Equipment or Instruments, or Parts thereof, viz.: ⇒ Air Conditioners, Heaters, Dehumidifiers, Humidifiers, Cleaners, Purifiers or Vaporizers , portable, NOI, in boxes; ⇒ Fresheners, Cleaners or Purifiers , air, portable, with or without night light, etc; ⇒ Humidifiers or Vaporizers , portable, NOI, etc; [Other Articles Listed—No Change.] Subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater.....	50
61702	NOTE—No Change.	
61703	NOTE—No Change.	
61704	NOTE—No Change.	
61705	NOTE—No Change.	
61706	NOTE—No Change.	
61707	NOTE—No Change.	
61708	NOTE—No Change.	
61709	NOTE—No Change.	
61710	NOTE—No Change.	
61711	NOTE—No Change.	
61712	NOTE—No Change.	
61713	NOTE—No Change.	
61714	NOTE—No Change.	
61715	NOTE—No Change.	
61716	NOTE—No Change.	
61717	NOTE—No Change.	
61718	NOTE—No Change.	
61719	NOTE—No Change.	


SUBJECT 8

Proposed Classification Provisions—Continued

Item	Description	Class
	ELECTRICAL EQUIPMENT GROUP: subject to item 60500	
61721	NOTE—No Change.	
61722	NOTE—No Change.	
61723	NOTE—No Change.	
61724	NOTE—No Change.	
61725	NOTE—No Change.	
61726	NOTE—No Change.	
61727	NOTE—No Change.	
61728	NOTE—No Change.	
61729	NOTE—No Change.	
61731	NOTE—No Change.	
61732	NOTE—No Change.	
61733	NOTE—No Change.	
61734	NOTE—No Change.	
61735	NOTE—No Change.	
	MACHINERY GROUP: subject to item 114000	
114100	Air Cleaners or Air Filtering Machines , electrostatic or mechanical, without blowers or fans, other than portable, other than fume or gas scrubbers and other than using renewable roll-type filtering media, etc.....	⇒Cancel; see item A-NEW
114110	 Air Cleaners, Dehumidifiers, NOI, or Washers , with blowers or fans, etc	⇒Cancel; see item A-NEW
114125	 Air Conditioners, Air Coolers or Air Handling Equipment, viz.: Air Conditioners or Air Coolers , NOI, with or without compressors or heating apparatus; Air Handlers , with or without heating apparatus; Heat Pumps , air heating or cooling; Refrigeration Condensers , NOI; Refrigeration Evaporators (Cooling Coils or Cooling Units) , NOI, etc.....	⇒Cancel; see item A-NEW
114128	NOTE—⇒Cancel; see Note, item C-NEW.	
114129	NOTE—⇒Cancel; no further application.	
114130	 Air Coolers , water evaporative type, with blowers or fans, with or without heating action, etc	⇒Cancel; see item A-NEW
114142	Air Heaters , other than portable, with blowers or fans, with or without accompanying hardware or accessories, etc	⇒Cancel; see item A-NEW

SUBJECT 8


Proposed Classification Provisions—Continued

Item	Description	Class
	MACHINERY GROUP: subject to item 114000	
114145	 Air Humidifiers , NOI, with blowers or fans, etc	⇒Cancel; see item A-NEW
122865	Heaters , air, solar, window, roof or wall mounting, NOI, with solar collectors, blowers or fans, and thermostat, with or without mounting hardware or accessorial equipment, etc	⇒Cancel; see item A-NEW
122866	Heaters , air, wall mounting, with thermal energy storage rods, blowers or fans, and thermostat, with or without mounting hardware, etc	⇒Cancel; see item A-NEW
122867	NOTE—⇒Cancel; no further application.	
122868	NOTE—⇒Cancel; no further application.	
	Ice Making or Refrigerating Machinery or Machines: subject to item 123200	
123280	Compressors , refrigeration or air conditioning, etc	⇒Cancel; see item A-NEW
123281	NOTE—⇒Cancel; no further application.	

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SUBJECT 8

Proposed Classification Provisions—Continued

Item	Description	Class
	MACHINERY GROUP: subject to item 114000	
⇒A-NEW	 Air Conditioners, Air Coolers, Air Heaters, Air Handling Equipment, or Parts thereof , other than portable, viz.: Air Cleaners, Dehumidifiers, Humidifiers, Purifiers or Washers , NOI; Air Conditioners or Air Coolers , with or without compressors or heating apparatus; Air Handlers , with or without heating apparatus; Air Heaters , NOI; Compressors , refrigeration or air conditioning; Devices , terminal control, forced air distribution, including Variable Air Volume Systems Terminal Units (VAVs), Constant Air Volume Systems Terminal Units (CAVs) or Fan Powered Terminal Units (FPTUs) , see Note, item B-NEW; Energy Recovery Ventilators (ERVs) or Heat Recovery Ventilators (HRVs) ; Heat Pumps , air heating or cooling; Refrigeration Condensers , NOI; Refrigeration Evaporators (Cooling Coils or Cooling Units) , NOI;	
Sub 1	In boxes or crates, see Note, item C-NEW, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 6	200
Sub 3	6 but less than 10.....	125
Sub 4	10 but less than 15.....	92.5
Sub 5	15 or greater.....	70
Sub 6	In packages other than boxes or crates, see Notes, items C-NEW and D-NEW, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 7	Less than 6	250
Sub 8	6 but less than 10.....	150
Sub 9	10 or but less than 15	100
Sub 10	15 or greater	77.5
⇒B-NEW	NOTE—Applies on terminal devices for controlling air pressure, temperature or volume in forced air cooling or heating systems, with or without heating or cooling coils or electric resistance grids.	
⇒C-NEW	NOTE—Accompanying parts for installation may be in boxes.	
⇒D-NEW	NOTE—Articles tendered for shipment on lift truck skids, pallets or platforms must be securely fastened to and must not overhang the edges of the lift truck skid, pallet or platform deck. Exposed surfaces and edges must be protected by packing forms or other packaging materials so as to withstand the normal rigors of the less-than-truckload environment.	

SUBJECT 8

Proposed Classification Provisions—Concluded**Package 2475**

⇒Cancel; no further application.

Package 2476

⇒Cancel; no further application.

Analysis**Introduction**

This proposal was docketed in response to a recommendation from the NMFTA's Weighing and Research Advisory Council, in which it notified the FCDC of several packaging issues related to item 114125. During the course of research, the FCDC expanded the scope to include the transportation characteristics of other types of air handling equipment, as shown in the Present Classification Provisions herein.

Transportation Characteristics

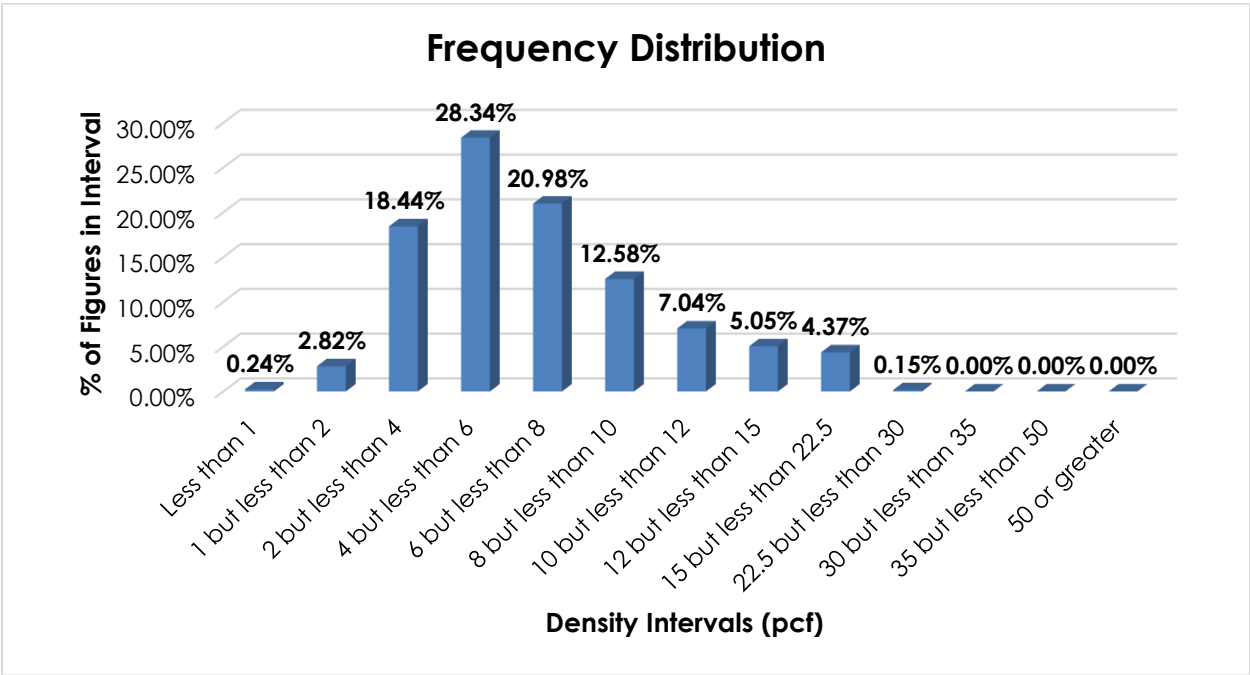
Density—The information of record¹³ includes 84,930 density observations obtained from the FCDC's Density Study¹⁴. The densities range from 0.32 to 23.06 pcf, with an overall average density of 6.88 pcf. As shown in the graph on the following page, the density distribution is right-skewed, with clustering around a distinct peak in the 4 but less than 6 pcf interval. Density breaks at 6, 10 and 15 pcf reflect the modality and spread of the distribution.

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¹³ The data set only includes observations of non-portable air handling equipment and excludes figures moving under item 61700.

¹⁴ The Density Study is part of an ongoing effort by the FCDC to collect information on actual shipments across all product categories handled by the LTL industry. Carriers that choose to participate in the Study periodically submit shipment data captured through their respective freight auditing programs. The FCDC uses verifiable data points, identified by NMFC item, that include the weight and the dimensions and/or cube of the shipping unit.

SUBJECT 8



When the data is evaluated based on the proposed density breaks at 6, 10 and 15 pcf, the density ranges and averages shown in the table below emerge.

Density Groups (pcf)	Density Range (pcf)	Average Density (pcf)
Less than 6	0.32 – 5.99	4.10
6 but less than 10	6.00 – 9.99	7.68
10 but less than 15	10.00 – 14.99	11.88
15 or greater	15.00 – 23.06	18.12

Handling—Air handling equipment may be shipped in boxes or crates, or in packages other than boxes or crates. Articles shipped in boxes or crates should not typically present unusual or significant handling considerations.

When tendered in packages that provide minimal exterior protection, additional care must be taken when handling the freight to avoid damaging the products.

Stowability—When air handling equipment is tendered in boxes or crates, a flat load-bearing surface will typically be present, which can allow for loading other freight on top of the handling unit. There will typically be lateral support for adjacent freight as well.

When air handling equipment is tendered in packages other than boxes or crates, extra care and attention should be given to ensure that only compatible freight is loaded on top of or adjacent to the involved products. This can result in increased time and effort for the carrier to properly structure the vehicle load to mitigate the chance of damage to the commodities.

SUBJECT 8

Liability—As with most general commodities, when tendered for shipment fully enclosed within boxes or crates, air handling equipment should not be unusually susceptible to damage nor likely to damage other freight. However, when tendered in packages other than boxes or crates, air handling equipment exhibits greater susceptibility to damage.

Conclusion

Based on the foregoing analysis, this proposal would cancel items 57157, 114100, 114110, 114125, 114130, 114142, 114145, 122865, 122866, and 123280 with reference to a new item, naming “Air Conditioners, Air Coolers, Air Heaters, Air Handling Equipment, or Parts thereof, other than portable,” with a “viz.” format. The new item would provide classes predicated on packaging and density, with breaks at 6, 10 and 15 pcf¹⁵. The table below relates the information of record to the proposed density groupings and FCDC guidelines for the proposed classes when tendered in boxes or crates and a one-class adjustment from the density guidelines when the articles are tendered in packages other than boxes or crates to reflect the identified negative handling, stowability and liability characteristics.

Density Group (pcf)	Average Density (pcf)	CCSB Minimum Average Density Guideline (pcf)	Class Based on CCSB Density Guidelines	Class Adjustment Based on Handling, Stowability and Liability Considerations
Less than 6	4.10	4	200	250
6 but less than 10	7.68	7	125	150
10 but less than 15	11.88	10.5	92.5	100
15 or greater	18.12	15	70	77.5

Additionally, the “viz.” in item 61700 would be amended by removing two listings and adding, “Air Conditioners, Heaters, Dehumidifiers, Humidifiers, Cleaners, Purifiers or Vaporizers, portable, NOI.” Moreover, the listing for “Humidifiers, whole house, automatic,” would be removed from item 25525.

Furthermore, Notes, items 114129, 122867, 122868, and 123272 would be canceled with no further application. Notes, items 57158 and 114128 would be canceled with reference to two new Notes, attendant to the new item. Another new Note would also be established to provide additional packaging requirements for air handling equipment tendered in packages other than boxes or crates.

¹⁵ The density provisions would include reference to Item (Rule) 170, the inadvertence clause.

SUBJECT 9

SUBJECT 9: Cleaning, Scouring or Washing Compounds or Solutions

Re: Cleaning, Scouring or Washing Compounds or Solutions

Contact: Lanae Peterson and Amber Parker

FCDC@nmfta.org

Proponent: Freight Classification Development Council

Quick View

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 9: Cleaning, Scouring or Washing Compounds or Solutions

Quick View: Item 48580 is amended to include “Solutions” and to reflect the FCDC’s 13-subprovision density scale.

- Item 50330 canceled with reference to item 48580 and provisions otherwise applicable
- Item 59363 canceled with reference to item 48580
- One new Note established attendant to item 48580
- Two Notes canceled with no further application

Transportation Characteristics Present:

- Handling ☐Yes ☒No Stowability ☐Yes ☒No Liability ☐Yes ☒No Density ☒Yes ☐No

Provisions based on:

- FCDC’s 13-subprovision density scale

SUBJECT 9

Present Classification Provisions

Item	Description	Class
48580	Cleaning, Scouring or Washing Compounds , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Notes, items 48583 and 48585, viz.: Bluing , laundry; Cleaning, Scouring or Washing Compounds , NOI; Degreasers ; Detergents ; Soap , liquid or other than liquid, including Soap Powder , NOI; In bags, boxes, drums, pails, intermediate bulk containers (IBCs) or Packages 602, 1333, 2039, 2189, 2213, 2289, 2309, 2341, 2355, 2393, 2398, 2410, 2463, 2467 or 2479.....	70
48583	NOTE—Does not apply on hand soap in freestanding bottles or containers with integral pump. For applicable provisions, see item 59363.	
48585	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
50330	☼ Compounds , type cleaning, liquid, in boxes or drums	65
58500	DRUGS, MEDICINES, TOILET PREPARATIONS OR PERSONAL CARE PRODUCTS GROUP:	
59363	Soap , hand, in pump dispensing unit, see Note, item 59364, in boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 15	92.5
Sub 2	15 or greater	70
59364	NOTE—Applies only on hand soap contained in freestanding bottle or container with integral pump. Does not apply on bathroom or lavatory fixtures.	

SUBJECT 9

Proposed Classification Provisions

Item	Description	Class
⇒48580	Cleaning, Scouring or Washing Compounds or Solutions , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Notes, items 48585 and NEW, viz.: Bluing , laundry; Cleaning, Scouring, Washing Compounds or Solutions , NOI; Degreasers ; Detergents ; Soap , liquid or other than liquid, including Hand Soap or Soap Powder , NOI; In bags, boxes, drums, pails, intermediate bulk containers (IBCs) or Packages 602, 1333, 2039, 2189, 2213, 2289, 2309, 2341, 2355, 2393, 2398, 2410, 2463, 2467 or 2479, subject to Item 170 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	175
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 but less than 35	60
Sub 12	35 but less than 50	55
Sub 13	50 or greater.....	50
48583	NOTE—⇒Cancel; no further application.	
48585	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
⇒NEW	NOTE—Also applies on cleaning, scouring or washing compounds or solutions in freestanding bottles or containers with integral pump.	
50330	⚡ Compounds , type cleaning, liquid, in boxes or drums	⇒Cancel; see item 48580 and provisions otherwise applicable
58500	DRUGS, MEDICINES, TOILET PREPARATIONS OR PERSONAL CARE PRODUCTS GROUP:	
59363	Soap , hand, in pump dispensing unit, etc	⇒Cancel; see item 48580
59364	NOTE—⇒Cancel; no further application.	

SUBJECT 9

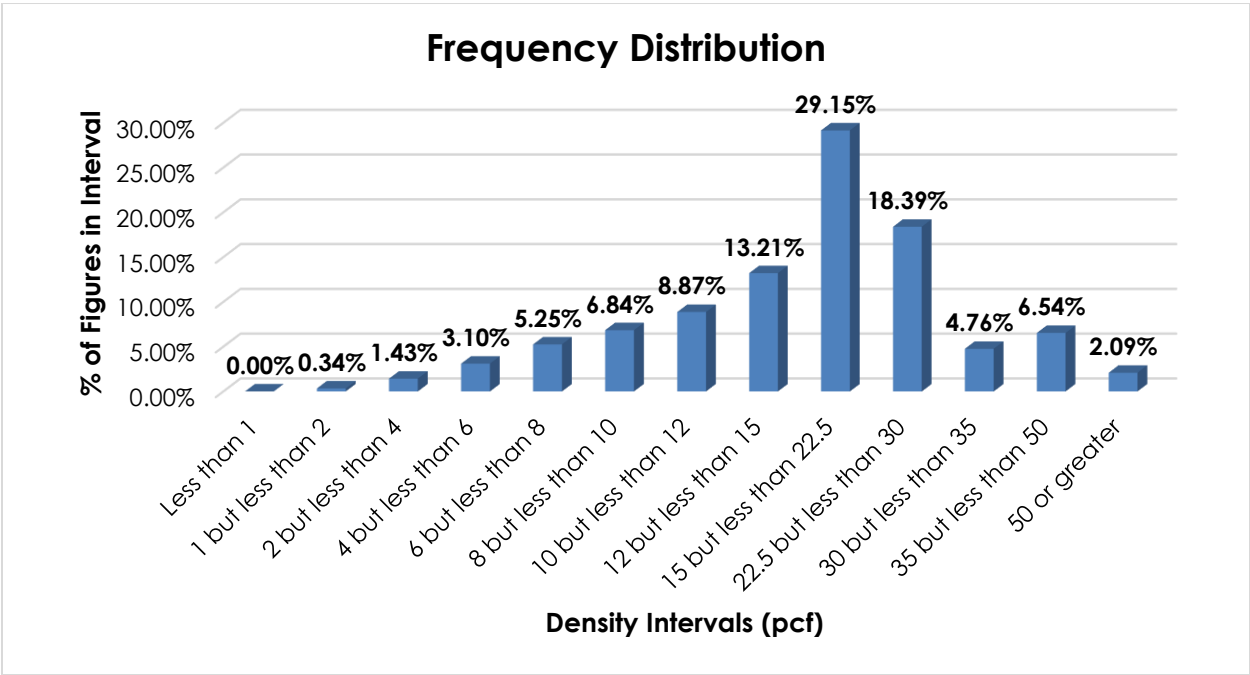
Analysis

Introduction

This proposal is in response to interpretive concerns regarding cleaning, scouring or washing compounds versus solutions, and concurrently evaluates the transportation characteristics involving items 48580, 50330, and 59363, as shown in the Present Classification Provisions herein.

Transportation Characteristics

Density—The information of record includes 132,874 density observations obtained from the FCDC’s Density Study¹⁶. The densities range from 1.03 to 64.70 pcf, with an overall average density of 19.53 pcf. As shown in the graph below, the densities are left skewed with a distinct peak in the 15 but less than 22.5 pcf interval.



Handling, Stowability and Liability—There have been no reports of unusual or significant handling, stowability or liability issues.

¹⁶ The Density Study is part of an ongoing effort by the FCDC to collect information on actual shipments across all product categories handled by the LTL industry. Carriers that choose to participate in the Study periodically submit shipment data captured through their respective freight auditing programs. The FCDC uses verifiable data points, identified by NMFC item, that include the weight and the dimensions and/or cube of the shipping unit.

SUBJECT 9**Conclusion**

Based on the foregoing analysis, items 50330¹⁷ and 59363 would be canceled with reference to item 48580, which would be amended to read, "Cleaning, Scouring or Washing Compounds or Solutions" to alleviate interpretive problems, and to provide classes predicated on the FCDC's standard 13-subprovision density scale¹⁸.

Additionally, Notes, items 48583 and 59364 would be canceled with no further application, and one new Note would be established attendant to item 48580 to clarify the application of the articles within the "viz."

¹⁷ Item 50330 would be canceled with reference to item 48580 and to provisions otherwise applicable, dependent upon whether or not the particular product shipped is regulated as hazardous by the U.S. Department of Transportation.

¹⁸ The FCDC's standard 13-subprovision density scale includes reference to Item (Rule) 170, the inadvertence clause.

SUBJECT 10

SUBJECT 10: Hazardous Materials

Re: Hazardous Materials

Contact: Adam Mercer

FCDC@nmfta.org

Proponent: Freight Classification Development Council

Quick View

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 10: Hazardous Materials

Quick View: Items applying on hazardous materials are canceled and reestablished under a new generic heading.

- The “☠” symbol is removed from a number of items that no longer apply on shipments of hazardous materials.
- Item (Rule) 110 is amended to clarify the application of items with the “☠” symbol.

Transportation Characteristics Present:

- Handling ☒Yes ☐No Stowability ☒Yes ☐No Liability ☒Yes ☐No Density ☒Yes ☐No

SUBJECT 10

Present Classification Provisions

Item	Description	Class
	AIRCRAFT GROUP: subject to item 11750	
11950	✶ Chutes, Slides or Systems , aircraft escape or evacuation, pneumatic, deflated, with gas charged cylinder actuator assembly, with or without other accessorial equipment or hardware, see Note, item 11951, in boxes 150	150
11951	NOTE—Also applies when shipped with survival kit or components.	
	ALLOYS GROUP: subject to item 12700	
12790	✶ Calcium-silicon , including Calcium Silicide , in bags, boxes or drums 50	50
	AMMUNITION, NOT EXPLOSIVE, GROUP: subject to item 14000	
14250	✶ Projectiles or Rocket Head , empty, sand-loaded, solid or practice..... 85	85
	AUTOMOBILE PARTS GROUP: subject to item 17800	
19500	✶ Shock Absorbers , including Strut Assemblies (Struts); or Parts thereof , rubber or steel; see Note, item 19501, in packages 70	70
19501	NOTE—Does not apply on air springs. For applicable provisions, see item 177905, 'Air Springs.'	
22820	✶ Battery Mix , ground manganese ore and ground graphite combined, in drums or in cloth or paper bags 55	55
	BOAT GROUP: subject to item 24500	
24655	✶ Boats , inflatable, deflated, with or without rigid hull or deck sections, viz.: Boats , NOI; Lifeboats, Life Rafts or Rescue Boats , see Notes, items 24656 and 24657; [Other Articles Listed—Not Involved.] In boxes, crates or Packages 176, 2115 or 2232, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1 400	400
Sub 2	1 but less than 2..... 300	300
Sub 3	2 but less than 4..... 250	250
Sub 4	4 but less than 6..... 175	175
Sub 5	6 but less than 8..... 125	125
Sub 6	8 but less than 10..... 100	100
Sub 7	10 but less than 12..... 92.5	92.5
Sub 8	12 but less than 15..... 85	85
Sub 9	15 but less than 22.5..... 70	70
Sub 10	22.5 but less than 30..... 65	65
Sub 11	30 but less than 35..... 60	60
Sub 12	35 but less than 50..... 55	55
Sub 13	50 or greater..... 50	50
24656	NOTE—Also applies on boats or rafts regulated by the U.S. Department of Transportation as a Hazard Class 9, Life-saving Appliance, conforming with the requirements specified in 49 CFR §173.219.'	

SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
	BOAT GROUP: subject to item 24500	
24657	NOTE—Lifeboats, life rafts or rescue boats may be shipped with accompanying equipment for inflation or repair, or articles or supplies for subsistence, navigation or rescue under emergency conditions.	
	BUILDING MATERIALS, MISCELLANEOUS, GROUP: subject to item 33570	
35320	☼ Sealer , asphalt pavement surface, containing coal tar, inert fillers and liquid vehicle, in bulk in drums or in Package 2080.....	55
35480	☼ Underlayment Compounds , floor covering, NOI, see Note, item 35482, in bags, boxes, drums or pails	60
35482	NOTE—Applies only on compounds, mixed or not mixed, used for leveling of floors prior to application of floor coverings.	
	CAMERA GROUP: subject to item 39600	
39640	☼ Dry Plates or Films , unexposed, NOI, in boxes	100
39660	☼ Films , photographic, moving picture or other than moving picture, or Records, Documents or Files on film; exposed, nonflammable, not exceeding 35 mm, in boxes	200
39665	☼ Films , photographic, moving picture or other than moving picture, or Records, Documents or Files on film; exposed, nonflammable, exceeding 35 mm but not exceeding 70 mm, in boxes	300
39820	☼ Candles , tear gas, packed in wooden boxes.....	150
	CARBON GROUP: subject to item 40550	
40560	☼ Activated, viz.: Absorbent, clarifying, decolorizing, deodorizing or purifying, not offered for transportation as a Hazard Class 4, in bags, boxes or drums	70
	CARRIERS, SHIPPING, GROUP: subject to item 40770	
41160	☼ Cylinders , for shipping air, gases or liquids under pressure, NOI, empty, see Notes, items 41162, 41163, 41164 and 41166, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 12	125
Sub 2	12 but less than 22.5	77.5
Sub 3	22.5 or greater.....	60
41162	NOTE—Cylinders from which material has been exhausted will be regarded as empty provided any residue of such material is at a pressure that is insufficient to allow its release.	
41163	NOTE—Also applies on empty cylinders containing the residue of hazardous material regulated by the U.S. Department of Transportation only when: 1) the material name, identification number, hazard warning label(s) or placard(s), and any other markings indicating that the material is hazardous have been removed, obliterated or securely covered; and 2) they are excepted from the hazardous materials regulations, per 49 CFR §173.29. Otherwise, the cylinders will be classified as the hazardous material contained therein.	

SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
	CARRIERS, SHIPPING, GROUP: subject to item 40770	
41164	NOTE—Also applies when cylinders have been manifolded and mounted on 4-wheel hand trucks.	
41166	NOTE—Cylinders with projecting valves must have valves protected by a hood, cap or other device that will afford adequate protection from damage.	
41820	Cellulose Film , not embossed (sheets of not nitrated cellulose film such as commonly used for wrapping purposes) or Cellulose Film combined with paper or paperboard or combined or coated with plastic:	
Sub 1	☛ Sheets , in boxes or crates or in wrapped bundles or rolls:	
Sub 2	Not printed, in rolls, or in sheets not further processed than cut-to-size	55
Sub 3	Printed	60
Sub 4	Products , NOI, KD flat, or in rolls, or in sheet form not bent nor folded, in boxes, crates or wrapped bundles or rolls	70
41950	☛ Cement , bonding, sealing or embedding, NOI, consisting of sulfur combined with sand, coke breeze or other inert mineral matter, in bags, boxes, crates or drums	55
41960	☛ Cement , container, liquid or paste, see Note, item 41962, in boxes or drums	60
41962	NOTE—Applies on cement for hermetically sealing glass or metal containers.	
42050	☛ Cement or Glue , polishing wheel, or Thinner , cement, polishing wheel, in metal cans in boxes or in drums or pails	65
	CHEMICALS GROUP: subject to item 42600	
43955	Chemicals, viz.:	
	☛ Chemicals , NOI, see Note, item 43959, in bags, boxes, drums, intermediate bulk containers (IBCs), pails or Packages 2258 or 2456;	
	[Other Articles Listed—Not Involved.]	
	Subject to Item 170 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	175
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 but less than 35	60
Sub 12	35 but less than 50	55
Sub 13	50 or greater	50



SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
	CHEMICALS GROUP: subject to item 42600	
43956	NOTE— Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
43957	NOTE—Not Involved.	
43958	NOTE—Not Involved.	
43959	NOTE—Unless otherwise provided, also applies on materials regulated by the U.S. Department of Transportation as Combustible Liquids in containers with a maximum capacity of 119 gallons or less, as defined in 49 CFR §173.120, and on materials moving under a limited quantity exception, as defined in 49 CFR Part 173, Subpart B.	
43960	NOTE—Not Involved.	
43961	NOTE—Not Involved.	
43962	NOTE—Not Involved.	
44155*	☞ Corrosive Materials , NOI, see Note, item 44156, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I.....	92.5
Sub 2	In Packing Group II.....	85
Sub 3	In Packing Group III.....	70
44156	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 8, Corrosive Material, as defined in 49 CFR §173.136 and required to bear a notice to that effect on bills of lading and packaging.	
44500*	☞ Flammable Liquids , NOI; or Combustible Liquids in bulk containers with a maximum capacity greater than 119 gallons, NOI; see Note, item 44501, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I.....	100
Sub 2	In Packing Group II.....	92.5
Sub 3	In Packing Group III.....	85
44501	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 3: Flammable Liquid; or Combustible Liquid in bulk containers; as defined in 49 CFR §173.120 and required to bear a notice to that effect on bills of lading and packaging.	




SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
	CHEMICALS GROUP: subject to item 42600	
44515*	 Flammable Solid, Spontaneously Combustible or Dangerous When Wet Materials , NOI, see Note, item 44516, in U.S. DOT-authorized packaging:	
Sub 1	Offered for transportation as a Hazard Class 4, Division 4.3:	
Sub 2	In Packing Group I	110
Sub 3	In Packing Group II	100
Sub 4	In Packing Group III.....	92.5
Sub 5	Offered for transportation as a Hazard Class 4, Division 4.2:	
Sub 6	In Packing Group I	150
Sub 7	In Packing Group II	92.5
Sub 8	In Packing Group III.....	85
Sub 9	Offered for transportation as a Hazard Class 4, Division 4.1:	
Sub 10	In Packing Group I	125
Sub 11	In Packing Group II	85
Sub 12	In Packing Group III.....	77.5
44516	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 4: Division 4.1, Flammable Solid, other than Self-reactive Material; Division 4.2, Spontaneously Combustible Material; or Division 4.3, Dangerous When Wet Material; as defined in 49 CFR §173.124 and required to bear a notice to that effect on bills of lading and packaging. For classes applicable to Self-reactive Material, see item 46047.	
45322*	 Miscellaneous Hazardous Materials , NOI, including Environmentally Hazardous Substances , NOI, or Other Regulated Substances , NOI, see Notes, items 45323 and 45324, in U.S. DOT-authorized packaging, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 20	100
Sub 2	20 but less than 30	70
Sub 3	30 or greater	60
45323	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 9, Miscellaneous Hazardous Material, other than Hazardous Waste, as defined in 49 CFR §173.140 and required to bear a notice to that effect on bills of lading and packaging. For provisions applicable to Hazardous Waste, see item 196160.	
45324	NOTE—Also applies on Marine Pollutants not specifically listed in 49 CFR §172.101, Hazardous Materials Table, and that do not meet the definition of Hazard Classes 1 through 8.	

SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
	CHEMICALS GROUP: subject to item 42600	
45463*	 Organic Peroxides , NOI, see Note, item 45464, in U.S. DOT-authorized packaging:	
Sub 1	Requiring temperature control per U.S. DOT regulations	200
Sub 2	Not requiring temperature control per U.S. DOT regulations:	
Sub 3	Type B.....	200
Sub 4	Type C.....	125
Sub 5	Type D.....	110
Sub 6	Type E.....	100
Sub 7	Type F.....	92.5
45464	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 5, Division 5.2, Organic Peroxide, as defined in 49 CFR §173.128 and required to bear a notice to that effect on bills of lading and packaging.	
45467*	 Oxidizers , NOI, see Note, item 45468, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I.....	125
Sub 2	In Packing Group II	100
Sub 3	In Packing Group III	85
45468	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 5, Division 5.1, Oxidizer, as defined in 49 CFR §173.127 and required to bear a notice to that effect on bills of lading and packaging.	
45470*	 Oxygen Generators , chemical, see Notes, items 45471 and 45472, in U.S. DOT-authorized packaging, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 4.....	500
Sub 2	4 but less than 8	300
Sub 3	8 or greater	150
45471	NOTE—Applies on devices regulated by the U.S. Department of Transportation as a Hazard Class 5, Division 5.1, Chemical Oxygen Generator, UN3356, as defined in 49 CFR §173.127, offered in compliance with 49 CFR §173.168 and required to bear a notice to that effect on bills of lading and packaging.	
45472	NOTE—Also applies on equipment containing chemical oxygen generators, such as Passenger Service Units (PSUs) or Portable Breathing Equipment (PBE) .	

SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
	CHEMICALS GROUP: subject to item 42600	
45615*	☞☞ Poisonous or Toxic Materials , see Note, item 45616, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I:	
Sub 2	Poisonous by inhalation.....	150
Sub 3	Other than poisonous by inhalation.....	125
Sub 4	In Packing Group II	85
Sub 5	In Packing Group III	70
45616	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 6, Division 6.1, Poisonous or Toxic Material, as defined in 49 CFR §173.132 and required to bear a notice to that effect on bills of lading and packaging.	
46047*	☞☞ Self-reactive Materials , see Note, item 46048, in U.S. DOT-authorized packaging:	
Sub 1	Requiring temperature control per U.S. DOT regulations	200
Sub 2	Not requiring temperature control per U.S. DOT regulations:	
Sub 3	Type B.....	175
Sub 4	Type C.....	110
Sub 5	Type D.....	100
Sub 6	Type E.....	92.5
Sub 7	Type F.....	85
46048	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 4, Division 4.1, Self-reactive Material, as defined in 49 CFR §173.124 and required to bear a notice to that effect on bills of lading and packaging.	
46610	☞☞ Soda or Sodium Salts , NOI:	
Sub 1	In inner containers in boxes	100
Sub 2	In bags, or in bulk in boxes or drums	85
47720	☞☞ Cigar or Cigarette Lighting Liquids, Fluids or Pastes , in boxes or drums	70
50070	☞☞ Compounds , antifreezing, NOI, dry or liquid:	
Sub 1	In bags, in containers in boxes or drums; or in steel cans not less than 3 ¹ / ₂ gallons capacity, 24 gauge or thicker	65
Sub 2	In bulk in drums	60
50093	☞☞ Compounds , boiler cleansing, preserving, scale preventing or scale removing, liquid or paste:	
Sub 1	In carboys	100
Sub 2	In boxes or drums.....	55
50115	☞☞ Compounds , case hardening or carburizing, in bags, boxes or drums:	
Sub 1	With charcoal or coke base.....	50
Sub 2	NOI.....	70

SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
50155	✳️ Compounds , fireproofing, or Flame Retardants :	
Sub 1	Liquid, NOI:	
Sub 2	In carboys.....	100
Sub 3	In boxes or drums.....	70
Sub 4	Dry, see Note, item 50157, in bags, in Package 2301, or in block form in Package 2273	50
50157	NOTE—Applies only on compounds containing not less than 65 percent by weight of ammonium sulfate and diammonium or monammonium phosphate.	
50175	✳️ Compounds , flour bleaching, NOI, in drums.....	85
50200	✳️ Compounds , gas purifying, NOI, in drums.....	70
50232	✳️ Compounds , iron or steel cleaning, NOI, other than corrosive materials:	
Sub 1	Dry, in drums	55
Sub 2	Liquid:	
Sub 3	In carboys.....	100
Sub 4	In drums	55
50234	✳️ Compounds , iron or steel rust preventing or removing, NOI, other than corrosive materials and other than petroleum:	
Sub 1	In carboys other than plastic carboys.....	100
Sub 2	In plastic carboys, or in inner containers in boxes	77.5
Sub 3	In bulk in drums, see Note, item 50235.....	65
50235	NOTE—Also applies on shipments in flexible square or rectangular molded plastic containers of three gallons capacity, but not over five gallons capacity, contained in fiberboard boxes.	
50237	✳️ Compounds , leather finishing, softening, sponging or stuffing, NOI, in boxes or drums.....	70
50265	✳️ Compounds , NOI, metal purifying, in boxes or drums	85
50300	✳️ Compounds , smoke flue cleaning, dry, in boxes, drums or paper-lined cloth bags; or liquid, in drums	60
50317	✳️ Compounds , tire puncture, rim sealing, or tire balancing, in boxes or drums, see Note, item 50318, or in pressurized dispensing cans in boxes	70
50318	NOTE—Applies also on one injector per shipping container when weight thereof does not exceed 10 percent of gross weight of shipping container.	
50330	✳️ Compounds , type cleaning, liquid, in boxes or drums	65
50332	✳️ Compounds , vulcanizing, in boxes or drums	85
50385	✳️ Compounds , water system rust or scale preventing, dry, other than boiler cleansing, preserving, scale preventing or scale removing compounds, in boxes or drums	70
50420	✳️ Compounds or Agents , proprietary electroplating additive, other than corrosive materials, see Note, item 50421, in bags, boxes or drums	55
50421	NOTE—Applies only on proprietary compounds or agents formulated to enhance the quality of finish in electroplating processes.	

SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
50435	☼ Compounds or Fluids , internal combustion engine starting, in boxes70 COTTON: subject to item 54100	
54170	☼ Cotton , NOI:	
Sub 1	In bags; or in bales compressed to a density of less than 22½ pounds per cubic foot.....85	
Sub 2	In bales compressed to a density of not less than 22½ pounds per cubic foot, see Note, item 5417170	
54171	NOTE—Shipper must show density on shipping orders and bills of lading at time of shipment. If density is not shown and shipment is inadvertently accepted, class will initially be assessed under the 'in bales compressed to a density of less than 22½ pounds per cubic foot' provision. Upon satisfactory proof of actual density, class will be adjusted accordingly. DENTAL, HOSPITAL, MEDICAL OR SURGICAL SUPPLY GROUP: subject to item 56401	
56800	☼ Life Saving Apparatus , oxygen, in boxes..... 150	
57175	☼ Devices or Systems , acid spill control, consisting of a pressurized container, expellant gas cartridge, discharge hose and shut-off nozzle, with integral equipment necessary for deployment:	
Sub 1	Hand portable, filled with chemical agent, in boxes or crates60	
Sub 2	Wheeled, not filled with chemical agent, loose.....92.5	
	DRUGS, MEDICINES, TOILET PREPARATIONS OR PERSONAL CARE PRODUCTS GROUP: subject to item 58500	
58610	☼ Charcoal , wood, in tablets, in boxes or drums85	
58900	☼ Kits , permanent hair waving, other than electric, in boxes or Package 240792.5	
59220	☼ Rubbing Alcohol Compound , in boxes65	
	ELECTRICAL EQUIPMENT GROUP: subject to item 60500	
60680*	☞ ☼ Batteries or Cells , listed in 49 CFR §172.101, Hazardous Materials Table, see Note, item 60702, in boxes, see Note, item 60703:	
Sub 1	Offered for transportation as a Hazard Class 4, 8 or 9.....70	
Sub 2	Not offered for transportation as a Hazard Class 4, 8 or 965	
60702	NOTE—Does not apply on batteries that are mounted in cabinets or racks, with or without wiring or electrical controls, nor on fuel cells.	
60703	NOTE—Storage batteries, including automobile batteries, may also be shipped in crates or Package 2064 or on lift truck skids or pallets.	
64300*	☞ ☼ Explosives , consisting of ammunition, explosive or incendiary, or gas or smoke or tear producing; Explosives , NOI; Propellants , explosive; Blasting Agents; Detonators, Igniters or Squibs , motor vehicle air bag deploying; Fireworks; Flares , NOI; or Ammunition or Cartridges , small arms, blank or loaded; in U.S. DOT-authorized packaging:	
Sub 1	Hazard Class 1, Division 1.1, 1.2 or 1.3, see Note, item 64301200	
Sub 2	Other than Hazard Class 1, Division 1.1, 1.2 or 1.3, see Note, item 6430285	

SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
64301	NOTE—Applies on articles or materials regulated by the U.S. Department of Transportation as a Hazard Class 1, Division 1.1, 1.2 or 1.3, Explosives, as defined in 49 CFR §173.50 and required to bear a notice to that effect on bills of lading and packaging.	
64302	NOTE—Applies on articles or materials regulated by the U.S. Department of Transportation as a Hazard Class 1, Division 1.4, 1.5 or 1.6, Explosives, as defined in 49 CFR §173.50 and required to bear a notice to that effect on bills of lading and packaging, or on articles or materials moving under the limited quantity exception as defined in 49 CFR §173.63(b).	
	EXTRACTS: subject to item 64350	
64370	☛ Chestnut or Quebracho; dry, in bales, boxes, drums or cloth or five-ply paper bags; or liquid, in drums65	
64400	☛ Fustic or Logwood:	
Sub 1	Dry, in bags, boxes or drums85	
Sub 2	Liquid or paste, in drums70	
64430	☛ Hypernic, Osage Orange, Quercitron or Redwood:	
Sub 1	Dry, in boxes or drums85	
Sub 2	Liquid or paste, in drums70	
64490	☛ Tanning, natural or synthetic, NOI; dry, in bales, boxes, drums or cloth or five-ply paper bags; or liquid or paste, in drums65	
68100	☛ Fertilizer Materials, having value only for fertilizer purposes or for nitrogen content, viz.: Cake, tung nut oil; Clippings, felt; Hoofs, animal; Horns, animal; Meal, tung nut oil; Refuse, fur or fur piece; Scrap, felt; Shavings, taken from hides during tanning process; Sludge, sewage, dry; Stumps, animal horn; Waste, animal horn; Waste, cartridge; Waste, felt; Waste, fur or fur piece; Waste, mustard seed; In packages50	
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 drums50	




SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
68140	☼ Fertilizing Compounds (Manufactured Fertilizers) , NOI, see Note, item 68144:	
Sub 1	Dry:	
Sub 2	In inner containers in boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 3	Less than 20	110
Sub 4	20 or greater	60
Sub 5	In bulk in bags, boxes, drums or Package 2435	50
Sub 6	Liquid, in boxes or drums	70
68144	NOTE—Will also apply when having a content of herbicides or insecticides admixed not to exceed five percent of gross weight of fertilizer.	
68880	☼ Filler , rubber tire, in bags or boxes	85
69160	☼ Fire Extinguisher Charges or Compounds , NOI, other than corrosive materials, in bags, boxes, drums or pails	60
69185*	☞ ☼ Fire Extinguishers , chemical, charged, see Note, item 69186, in boxes or crates, see Note, item 69187:	
Sub 1	Wheeled	110
Sub 2	Other than wheeled	77.5
69186	NOTE—Fire extinguishers must comply with U.S. DOT specifications.	
69187	NOTE—Fire extinguishers must be securely positioned in boxes or crates by interior packing forms as necessary to afford adequate protection against damage and to prevent shifting.	
70060	☼ Flares or Fusees , railway or highway, see Notes, items 70061 and 70062, in boxes	85
70061	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 4, Division 4.1, Flammable Solid, as defined in 49 CFR §173.124 and required to bear a notice to that effect on bills of lading and packaging.	
70062	NOTE—Also applies on Highway Emergency Kits containing railway or highway flares or fusees.	
70360	☼ Flocks , rayon or synthetic fiber, NOI, in bags, bales or boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	12 or less	100
Sub 2	Over 12	70
71690	☼ Flux , soldering (Soldering Salts), NOI, liquid:	
Sub 1	In carboys	100
Sub 2	In boxes or drums	70
71697	☼ Foggers or Sprayers , self-defense, containing mace or pepper, with or without handles, holsters or carrying cases, in boxes	77.5
75550	☼ Footwarmer or Hot Bottle Charges , chemical, in boxes or drums	85







SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
	GASES OR CRYOGENIC LIQUIDS GROUP: subject to item 85500	
85880*	 Gases, NOI, or Gas Mixtures , NOI, other than flammable or toxic, see Note, item 85881; in cargo tanks or steel cylinders, see Note, item 85882; or in containers in boxes, see Note, item 85883 110	110
85881	NOTE— 1. Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.2, Nonflammable Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging. 2. Does 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.	
85882	NOTE—Neon, inert may be shipped in aluminum cylinders.	
85883	NOTE—Liquefied helium may be shipped in doublewall vacuum insulated containers without additional packaging, subject to the following: 1. When container exceeds 30 liters in capacity but does not exceed 100 liters capacity. 2. When container exceeds 100 liters capacity, container must be equipped with a base which will prevent rolling if container is laid on its side. When base is equipped with wheels, container must rest on two wheels and on immovable legs, skids or pad during transit. 3. When not constructed as described in paragraph (2), above, container body must be protected with a sleeve of solid fiberboard 1/4 inch or thicker or with material of equal or greater strength. Fiberboard may be laminated to form closely fitted vertical segments held together with a layer of fiberboard to facilitate forming around container body. 4. Valves, gauges and venting devices must not project above protective cage.	
85890*	 Gases or Gas Mixtures , flammable, see Note, item 85891, in metal cylinders, or in containers in boxes or crates 125	125
85891	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.1, Flammable Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging.	
85900*	 Gases or Gas Mixtures , poisonous by inhalation, see Note, item 85901, in metal cylinders, in metal drums, or in containers in boxes or crates:	
Sub 1	In Hazard Zone A 200	200
Sub 2	In Hazard Zone B 175	175
Sub 3	Other than in Hazard Zone A or B 150	150











SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
	GASES OR CRYOGENIC LIQUIDS GROUP: subject to item 85500	
85901	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.3, Poison Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging.	
86070*	 Oxygen , recreational, in handheld canisters or containers, in U.S. DOT-authorized packaging:	
Sub 1	Offered for transportation as a Hazard Class 2, Division 2.2, see Note, item 86071, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 6	250
Sub 3	6 or greater.....	150
Sub 4	Not offered for transportation as a Hazard Class 2, Division 2.2, see Note, item 86072, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 5	Less than 6	200
Sub 6	6 or greater.....	125
86071	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.2, Nonflammable Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging.	
86072	NOTE—Applies on materials moving under Special Permit DOT-SP 10704, or a limited quantity exception as defined in 49 CFR §173.306.	
86220	 Gasoline Preservative , NOI, in drums	70
101682*	 Infectious Substances; Biological Products; Cultures; Patient Specimens; Regulated Medical Waste (RMW), Clinical Waste or Biomedical Waste; Sharps; Toxins; or Used Health Care Products; see Note, item 101683, in U.S. DOT-authorized packaging.	0
101683	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 6, Division 6.2, Infectious Substance (Etiologic Agent), as defined in 49 CFR §173.134 and required to bear a notice to that effect on bills of lading and packaging.	
103940	 Iron Mass or Sponge , gas purifying, not spent, in bags, boxes or drums.....	50
	IRON OR STEEL: subject to item 104012	
105580	 Iron , powdered, NOI, in bags, boxes, drums or pails	60
108420	 Kits , wooden furniture finishing or refinishing, see Note, item 108422, in boxes	70
108422	NOTE—Only applies on kits consisting of materials for finishing or refinishing surfaces of wooden furniture, with or without applicators.	

SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
111230*	 Lighters, viz.: Lighters , cigar, cigarette or pipe, NOI; Lighters , multipurpose or utility, stem or nozzle type;	
Sub 1	Other than containing flammable gas or flammable liquid; or containing flammable gas transported in accordance with 49 CFR §173.308(e); in boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 10	150
Sub 3	10 or greater	70
Sub 4	Containing flammable gas, other than transported in accordance with 49 CFR §173.308(e), see Note, item 111232, in U.S. DOT-authorized packaging	250
Sub 5	Containing flammable liquid, see Note, item 111233, in U.S. DOT-authorized packaging	150
111232	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.1, Flammable Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging.	
111233	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 3, Flammable Liquid, as defined in 49 CFR §173.120 and required to bear a notice to that effect on bills of lading and packaging.	
113800	 Lye , concentrated, NOI, in boxes or drums	55
	MACHINERY GROUP: subject to item 114000	
119200	Cylinders:	
119260	 Hydraulic or Pneumatic , other than rotary, steel, see Note, item 119262, in packages	70
119262	NOTE—Applies on hydraulic or pneumatic cylinders of the nonrotating type such as used for lifting, or hoisting, without oil reservoirs or valve controls.	
129940	 Shock Absorbers; or Parts thereof , rubber or steel; see Note, item 129941, in packages	70
129941	NOTE—Does not apply on air springs. For applicable provisions, see item 177905, 'Air Springs.'	
	MAGNESIUM METAL OR MAGNESIUM METAL ALLOYS: subject to item 133600	
133870	 Scrap , in packages	60
134200	 Matches , in boxes	77.5
	METALS GROUP: subject to item 135300	
135380	 Arsenic , metallic, in boxes or drums	100
135870	 Lithium Metal , in packages	100
136020	 Potassium (Potash) , metallic, in boxes or drums	100
136400	 Sodium-potassium Alloys , metallic, in metal containers in wooden boxes.....	100

SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
138640	☛ Mud or Compounds , gas or oil well drilling, or Gas or Oil Well Drilling Mud Treating Compounds , in bags or drums50	
	NICKEL GROUP: subject to item 139740	
139930	☛ Powder , nickel, in boxes or drums:	
Sub 1	Reduced nickel; or carbonyl, see Note, item 139932.....	77.5
Sub 2	NOI, see Note, item 139931	70
139931	NOTE—Provisions on nickel powder, NOI, apply only on powder produced by chemical precipitation from ore.	
139932	NOTE—Applies on nickel powder produced by the thermal decomposition of nickel carbonyl gas.	
141040	☛ Nitrogen Fertilizer Solution or Fertilizer Ammoniating Solution , consisting of water and agricultural nitrogen salts, ammoniated or not ammoniated, total free ammonia content not to exceed 50 percent by weight, shipper to so certify on the bill of lading, in drums.....	70
	NUTS, EDIBLE, GROUP: subject to item 141600	
141720	☛ Nut Meal , NOI, in containers in boxes or drums	100
	OIL, WATER OR GAS WELL GROUP: subject to item 142700	
144130	☛ Tools , drilling, NOI	77.5
	PAINTS GROUP: subject to item 149500	
150290	☛ Wallpaper Remover , liquid, in boxes	70
	PESTICIDES GROUP: subject to item 155000	
155010	☛ Calcium Arsenate, Lead Arsenate, Lime or Paris Green and Sulfur combined , dry, in bags, boxes or drums, see Note, item 155011	77.5
155011	NOTE—Applies only when Paris green content does not exceed 15 percent by weight.	
155015	☛ Chlorinated Hydrocarbon Insecticides or Pesticides , see Note, item 155016, viz.: Benzene Hexachloride (BHC); Chlordane; Chlorinated Camphene (Toxaphene); Dichlorodiphenyl Dichloroethane (DDD); Dichlorodiphenyl Trichloroethane (DDT); Perthane;	Not Taken
155016	NOTE—If shipment is inadvertently accepted, class 500 will apply.	
155030	☛ Grain , poisoned, in bags, boxes or drums	77.5
155063	☛ Sulfur, Zinc Sulfate and Lead Arsenate combined , in containers in boxes.....	77.5
161490	☛ Preservatives , wood, NOI:	
Sub 1	Dry, in drums or Package 2072.....	70
Sub 2	Liquid or paste; in inner containers in boxes or drums; or in drums or pails	55

SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
162820	☼ Projectors , radioactive ray, with or without stands or radioactive materials, see Note, item 162821, in boxes or crates:	
Sub 1	Industrial	150
Sub 2	Medical	100
162821	NOTE—Provisions do not apply on X-ray machines. For classes applicable to X-ray machines see item 63560.	
163030	☼ Pyroxylin Solutions , NOI (liquid or jelly pyroxylin, including collodion):	
Sub 1	In glass in boxes or drums	100
Sub 2	In inner containers in boxes or drums, or in bulk in drums	85
164900*	☞☼ Radioactive Materials , see Notes, items 164901 and 164902, in U.S. DOT-authorized containers, released to a value not exceeding \$25.00 per pound, see Note, item 164903	250
164901	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 7, Radioactive Material, as defined in 49 CFR §173.403 and required to bear a notice to that effect on bills of lading and packaging.	
164902	NOTE—Shipment may include accompanying tools for opening and closing container.	
164903	NOTE—Unless otherwise provided in individual participating carriers' tariffs, materials moving under the provisions of item 164900 shall only be accepted subject to a maximum liability of \$25.00 per pound. If shipper fails to declare a value, or declares a value in excess of \$25.00 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 \$25.00 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 material lost or damaged.	
168855*	☞☼ Reagents , copper extraction (Copper Extractants), other than corrosive materials, in drums or intermediate bulk containers (IBCs)	60
	ROOFING OR SIDING MATERIALS GROUP: subject to item 170000	
170040	☼ Cement , roofing tile:	
Sub 1	In double bags or in pails	70
Sub 2	In boxes or drums	60
171260	☼ Rosin :	
Sub 1	In containers in boxes or drums	70
Sub 2	In bulk in boxes or drums, see Note, item 171262	55
Sub 3	In bags	65
171262	NOTE—Also applies on rosin in solid blocks in fiber boxes, rosin in fiber drums, or rosin in solid mass in Package 2501.	
171310	☼ Rosin Liquor (rosin and not to exceed 40 percent of mineral spirits), in drums	70
171350	☼ Rosin Residue or Pine Oil Foots , in boxes or drums	55





SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
	RUBBER MATERIALS GROUP: subject to item 171600	
171800	☛ Rubber , crude; Rubber , reclaimed; or Rubber Compounds , unvulcanized; or Scraps thereof ; in bags, bales, boxes, drums or packages60	60
171820	☛ Rubber , reclaimed, dispersed, liquid or paste, in drums or pails60	60
171860	☛ Rubber , scrap, hard rubber, pulverized, in bags50	50
171880	☛ Rubber , scrap, NOI, see Note, item 171884, in packages50	50
171884	NOTE—Applies only on: scraps, pieces or trimmings of rubber-impregnated cloth; reclaimers' tailings or residue; old worn-out rubber boots, shoes, belting, clothing, rolls or rollers, hose, mats, matting or packing; or similar worn-out articles; having value only for reclamation of raw materials. Such articles must be described on bills of lading and shipping orders at time of shipment as 'Scrap Rubber.' Does not apply on fragments, scraps or pieces of rubber tires; see item 195720 for applicable provisions. Also does not apply on rubber tires in their original form or shape; for applicable provisions, see item 156600, 157226, 157230 or 157238, with final determination of item dependent on the type of tire.	
171980	☛ Shavings or Turnings , hard rubber, in packages85	85
	SHELLS GROUP: subject to item 175360	
175375	☛ Bean , cocoa:	
Sub 1	In bulk in bags50	50
Sub 2	In containers in boxes or drums65	65
175515	☛ Shells , cartridge (Cartridge Cases), empty, for small arms, primed, in boxes100	100
177120	☛ Specimens , prepaid, see Note, item 177122:	
Sub 1	Animals, birds, fish or reptiles, preserved in alcohol or formaldehyde, in drums or pails or in inner containers in boxes85	85
Sub 2	Botanical or insect, in boxes or drums100	100
Sub 3	Mineral or petrified wood, in boxes, crates or drums85	85
177122	NOTE—Does not apply on any commodity which is defined and specified as medical waste in Federal regulations. For applicable class, see item 101682.	

SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
	VEHICLES, MOTOR: subject to item 190100	
190235*	 Cars, Lift Trucks or Vehicles , NOI, not designed for general highway use, see Note, item 190236:	
Sub 1	In boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 8	175
Sub 3	8 but less than 12	100
Sub 4	12 or greater.....	70
Sub 5	In packages other than boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 6	Less than 8	200
Sub 7	8 but less than 12	110
Sub 8	12 or greater.....	77.5
190236	NOTE—Also applies on Tugs or Tuggers , used for pushing or pulling heavy, wheeled equipment or vehicles.	
	VEHICLE PARTS: subject to item 190500	
192080*	 Inflators or Modules , air bag, motor vehicle supplemental restraint system, see Note, item 192081, in boxes:	
Sub 1	Offered for transportation as a Hazard Class 1, Division 1.4, see Note, item 192082.....	85
Sub 2	Offered for transportation as a Hazard Class 9, see Note, item 192083	77.5
192081	NOTE—Applies on air bag inflators or modules as defined in 49 CFR §173.166.	
192082	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 1, Division 1.4, Explosive, as defined in 49 CFR §173.50 and required to bear a notice to that effect on bills of lading and packaging.	
192083	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 9, Miscellaneous Hazardous Material, as defined in 49 CFR §173.140 and required to bear a notice to that effect on bills of lading and packaging.	
	WASTE MATERIALS GROUP: subject to item 194200	
194560	 Cellulose Film Scrap or Waste , see Note, item 194562:	
Sub 1	In packages not machine pressed	85
Sub 2	In machine pressed bales, or on spools in boxes.....	55
194562	NOTE—Applies only on scrap or waste of not nitrated transparent cellulose film, such as commonly used for wrapping purposes.	
196160*	 Waste , hazardous, see Note, item 196161, in packages complying with applicable federal regulations	0

SUBJECT 10

Present Classification Provisions—Concluded

Item	Description	Class
	WASTE MATERIALS GROUP: subject to item 194200	
196161	NOTE—Applies on all articles, materials or substances, other than radioactive, subject to the laws and regulations governing the transportation of hazardous waste for disposal, storage or reclamation, including articles which because of residues, contamination or the combining of materials are subject to such laws or regulations. All hazardous waste subject to this item must be tendered in compliance with applicable laws and regulations.	
196200	Waste Materials , having value only for conversion into fiber or for reclamation of raw materials, viz.: Bags or Bagging , worn-out, cut or torn in pieces; [Other Articles Listed—Not Involved.]	
Sub 1	In bags, boxes, crates, drums, or in bales not machine pressed	85
Sub 2	In machine pressed bales	55
200120	Wool , NOI, including alpaca hair, camel hair or wool, or mohair (angora goat hair):	
200130	In the grease , washed or not washed, not scoured:	
Sub 1	In packages, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 8	200
Sub 3	8 but less than 12	100
Sub 4	12 but less than 15	85
Sub 5	15 or greater.....	70

* Published in Supplement 1 to NMF 100-AY, effective July 19, 2025.

SUBJECT 10

Proposed Classification Provisions

Item	Description	Class
	AIRCRAFT GROUP: subject to item 11750	
11950	⇒ Chutes, Slides or Systems , aircraft escape or evacuation, pneumatic, deflated, without DOT regulated assembly, with or without other accessorial equipment or hardware, see Note, item A-NEW, in boxes.....	150
11951	NOTE—⇒Cancel; no further application.	
⇒A-NEW	NOTE—When shipped with actuator assembly regulated as hazardous by the U.S. Department of Transportation, see Item 422.	
	ALLOYS GROUP: subject to item 12700	
12790	⇒ Calcium-silicon , including Calcium Silicide , in bags, boxes or drums	50
	AMMUNITION, NOT EXPLOSIVE, GROUP: subject to item 14000	
14250	⇒ Projectiles or Rocket Head , empty, sand-loaded, solid or practice.....	85
	AUTOMOBILE PARTS GROUP: subject to item 17800	
19500	⇒ Shock Absorbers , including Strut Assemblies (Struts); or Parts thereof , rubber or steel; see Note, item 19501, in packages	70
19501	NOTE—Does not apply on air springs. For applicable provisions, see item 177905, 'Air Springs.'	
22820	⇒ Battery Mix , ground manganese ore and ground graphite combined, in bags or drums	55
	BOAT GROUP: subject to item 24500	
24655	⇒ Boats , inflatable, deflated, with or without rigid hull or deck sections, viz.: Boats , NOI; Lifeboats, Life Rafts or Rescue Boats , see Note, item 24657; [Other Articles Listed—No Change.] In boxes, crates or Packages 176, 2115 or 2232, subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater	50
24656	NOTE—⇒Cancel; no further application.	

SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
24657	NOTE—Lifeboats, life rafts or rescue boats may be shipped with accompanying equipment for inflation or repair, or articles or supplies for subsistence, navigation or rescue under emergency conditions.	
	BUILDING MATERIALS, MISCELLANEOUS, GROUP: subject to item 33570	
35320	⇒ Sealer , asphalt pavement surface, containing coal tar, inert fillers and liquid vehicle, in bulk in drums or in Package 2080.....	55
35480	⇒ Underlayment Compounds , floor covering, NOI, see Note, item 35482, in bags, boxes, drums or pails	60
35482	NOTE—Applies only on compounds, mixed or not mixed, used for leveling of floors prior to application of floor coverings.	
	CAMERA GROUP: subject to item 39600	
39640	⇒ Dry Plates or Films , unexposed, NOI, in boxes	100
39660	⇒ Films , photographic, moving picture or other than moving picture, or Records, Documents or Files on film; exposed, nonflammable, not exceeding 35 mm, in boxes	200
39665	⇒ Films , photographic, moving picture or other than moving picture, or Records, Documents or Files on film; exposed, nonflammable, exceeding 35 mm but not exceeding 70 mm, in boxes	300
39820	⇒ Candles , tear gas, see Note, item B-NEW, in boxes.....	150
⇒B-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
	CARBON GROUP: subject to item 40550	
40560	⇒ Activated, viz.: Absorbent, clarifying, decolorizing, deodorizing or purifying, not offered for transportation as a Hazard Class 4, see Note, item C-NEW, in bags, boxes or drums.....	70
⇒C-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
	CARRIERS, SHIPPING, GROUP: subject to item 40770	
41160	⇒ Cylinders , for shipping air, gases or liquids under pressure, NOI, empty, see Notes, items 41162, 41164, 41166 and D-NEW, subject to item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 12.....	125
Sub 2	12 but less than 22.5	77.5
Sub 3	22.5 or greater.....	60
41162	NOTE—Cylinders from which material has been exhausted will be regarded as empty provided any residue of such material is at a pressure that is insufficient to allow its release.	
41163	NOTE—⇒Cancel; no further application.	

SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
	CARRIERS, SHIPPING, GROUP: subject to item 40770	
41164	NOTE—Also applies when cylinders have been manifolded and mounted on 4-wheel hand trucks.	
41166	NOTE—Cylinders with projecting valves must have valves protected by a hood, cap or other device that will afford adequate protection from damage.	
⇒D-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
41820	Cellulose Film , not embossed (sheets of not nitrated cellulose film such as commonly used for wrapping purposes) or Cellulose Film combined with paper or paperboard or combined or coated with plastic:	
Sub 1	⇒ Sheets , in boxes or crates or in wrapped bundles or rolls:	
Sub 2	Not printed, in rolls, or in sheets not further processed than cut-to-size	55
Sub 3	Printed	60
Sub 4	Products , NOI, KD flat, or in rolls, or in sheet form not bent nor folded, in boxes, crates or wrapped bundles or rolls	70
41950	⇒ Cement , bonding, sealing or embedding, NOI, consisting of sulfur combined with sand, coke breeze or other inert mineral matter, in bags, boxes, crates, drums or pails	55
41960	⇒ Cement , container, liquid or paste, see Note, item 41962, in boxes, drums or pails	60
41962	NOTE—Applies on cement for hermetically sealing glass or metal containers.	
42050	⇒ Cement or Glue , polishing wheel, or Thinner , cement, polishing wheel, in boxes, drums or pails	65

SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
	CHEMICALS GROUP: subject to item 42600	
43955	Chemicals, viz.: ⇒ Chemicals , NOI, see Note, item 43959, in bags, boxes, drums, intermediate bulk containers (IBCs), pails or Packages 2258 or 2456; [Other Articles Listed—No Change.] Subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater.....	50
43956	NOTE—No Change.	
43957	NOTE—No Change.	
43958	NOTE—No Change.	
43959	NOTE—No Change.	
43960	NOTE—No Change.	
43961	NOTE—No Change.	
43962	NOTE—No Change.	
44155	☞☞ Corrosive Materials , NOI, etc	⇒Cancel; see item Z-NEW
44156	NOTE—⇒Cancel; see item AA-NEW.	
44500	☞☞ Flammable Liquids , NOI; or Combustible Liquids in bulk containers with a maximum capacity greater than 119 gallons, NOI, etc	⇒Cancel; see item AE-NEW
44501	NOTE—⇒Cancel; see item AF-NEW.	
44515	☞☞ Flammable Solid, Spontaneously Combustible or Dangerous When Wet Materials , NOI, etc	⇒Cancel; see item AG-NEW
44516	NOTE—⇒Cancel; see item AH-NEW.	
45322	☞☞ Miscellaneous Hazardous Materials , NOI, including Environmentally Hazardous Substances , NOI, or Other Regulated Substances , NOI, etc	⇒Cancel; see item AS-NEW
45323	NOTE—⇒Cancel; see item AT-NEW.	
45324	NOTE—⇒Cancel; see item AU-NEW.	

SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
	CHEMICALS GROUP: subject to item 42600	
45463	☞ Organic Peroxides , NOI, etc	☞Cancel; see item AV-NEW
45464	NOTE—☞Cancel; see item AW-NEW.	
45467	☞ Oxidizers , NOI, etc	☞Cancel; see item AX-NEW
45468	NOTE—☞Cancel; see item AY-NEW.	
45470	☞ Oxygen Generators , chemical, etc	☞Cancel; see item AZ-NEW
45471	NOTE—☞Cancel; see item BA-NEW.	
45472	NOTE—☞Cancel; see item BB-NEW.	
45615	☞ Poisonous or Toxic Materials , etc.....	☞Cancel; see item BC-NEW
45616	NOTE—☞Cancel; see item BD-NEW.	
46047	☞ Self-reactive Materials , etc	☞Cancel; see item BI-NEW
46048	NOTE—☞Cancel; see item BJ-NEW.	
46610	☞ Soda or Sodium Salts , NOI:	
Sub 1	In inner containers in boxes	100
Sub 2	In bags, or in bulk in boxes or drums	85
47720	☞ Cigar or Cigarette Lighting Liquids, Fluids or Pastes , in boxes or drums	70
50070	☞ Compounds , antifreezing, NOI, dry or liquid:	
Sub 1	In bags, in containers in boxes or in drums or pails; or in steel cans not less than 3½ gallons capacity, 24 gauge or thicker	65
Sub 2	In bulk in drums	60
50093	☞ Compounds , boiler cleansing, preserving, scale preventing or scale removing, liquid or paste:	
Sub 1	In carboys	100
Sub 2	In boxes, drums or pails	55
50115	☞ Compounds , case hardening or carburizing, in bags, boxes, drums or pails:	
Sub 1	With charcoal or coke base	50
Sub 2	NOI.....	70
50155	☞ Compounds , fireproofing, or Flame Retardants :	
Sub 1	Liquid, NOI:	
Sub 2	In carboys.....	100
Sub 3	In boxes, drums or pails	70
Sub 4	Dry, see Note, item 50157, in bags or boxes, in Package 2301, or in block form in Package 2273	50
50157	NOTE—Applies only on compounds containing not less than 65 percent by weight of ammonium sulfate and diammonium or ☞monoammonium phosphate.	
50175	☞ Compounds , flour bleaching, NOI, in drums.....	85
50200	☞ Compounds , gas purifying, NOI, in drums.....	70

SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
50232	⇒ Compounds , iron or steel cleaning, NOI, other than corrosive materials:	
Sub 1	Dry, in bags, boxes, drums or pails	55
Sub 2	Liquid:	
Sub 3	In carboys.....	100
Sub 4	In drums or pails	55
50234	⇒ Compounds , iron or steel rust preventing or removing, NOI, other than corrosive materials and other than petroleum:	
Sub 1	In carboys other than plastic carboys	100
Sub 2	In plastic carboys, or in inner containers in boxes	77.5
Sub 3	In bulk in drums, see Note, item 50235.....	65
50235	NOTE—Also applies on shipments in flexible square or rectangular molded plastic containers of three gallons capacity, but not over five gallons capacity, contained in fiberboard boxes.	
50237	⇒ Compounds , leather finishing, softening, sponging or stuffing, NOI, in boxes, drums or pails	70
50265	⇒ Compounds , NOI, metal purifying, in boxes or drums	85
50300	⇒ Compounds , smoke flue cleaning, dry, in bags, boxes or drums; or liquid, in drums	60
50317	⇒ Compounds , tire puncture, rim sealing, or tire balancing, in boxes, drums or pails, see Note, item 50318, or in pressurized dispensing cans in boxes	70
50318	NOTE—Applies also on one injector per shipping container when weight thereof does not exceed 10 percent of gross weight of shipping container.	
50330	⇒ Compounds , type cleaning, liquid, in boxes, drums or pails	65
50332	⇒ Compounds , vulcanizing, in boxes, drums or pails.....	85
50385	⇒ Compounds , water system rust or scale preventing, dry, other than boiler cleansing, preserving, scale preventing or scale removing compounds, in bags, boxes or drums.....	70
50420	⇒ Compounds or Agents , proprietary electroplating additive, other than corrosive materials, see Note, item 50421, in bags, boxes or drums	55
50421	NOTE—Applies only on proprietary compounds or agents formulated to enhance the quality of finish in electroplating processes.	
50435	⇒ Compounds or Fluids , internal combustion engine starting, in boxes, drums or pails	70
	COTTON: subject to item 54100	
54170	⇒ Cotton , NOI:	
Sub 1	In bags; or in bales compressed to a density of less than 22 ¹ / ₂ pounds per cubic foot.....	85
Sub 2	In bales compressed to a density of not less than 22 ¹ / ₂ pounds per cubic foot, see Note, item 54171	70

SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
54171	NOTE—Shipper must show density on shipping orders and bills of lading at time of shipment. If density is not shown and shipment is inadvertently accepted, class will initially be assessed under the 'in bales compressed to a density of less than 22 ½ pounds per cubic foot' provision. Upon satisfactory proof of actual density, class will be adjusted accordingly. DENTAL, HOSPITAL, MEDICAL OR SURGICAL SUPPLY GROUP: subject to item 56401	
56800	⇒ Life Saving Apparatus , oxygen, see Note, item E-NEW, in boxes	150
⇒E-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
57175	⇒ Devices or Systems , acid spill control, consisting of a pressurized container, expellant gas cartridge, discharge hose and shut-off nozzle, with integral equipment necessary for deployment, see Note, item F-NEW:	
Sub 1	Hand portable, filled with chemical agent, in boxes or crates	60
Sub 2	Wheeled, not filled with chemical agent, loose	92.5
⇒F-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
	DRUGS, MEDICINES, TOILET PREPARATIONS OR PERSONAL CARE PRODUCTS GROUP: subject to item 58500	
58610	⇒ Charcoal , wood, in tablets, in boxes or drums	85
58900	⇒ Kits , permanent hair waving, other than electric, in boxes or Package 2407	92.5
59220	⇒ Rubbing Alcohol Compound , in boxes	65
	ELECTRICAL EQUIPMENT GROUP: subject to item 60500	
⇒60680	Batteries or Cells , listed in 49 CFR §172.101, Hazardous Materials Table, not offered for transportation as a Hazard Class 4, 8 or 9, see Notes, items 60702 and G-NEW, in boxes, see Note, item 60703:	65
60702	NOTE—Does not apply on batteries that are mounted in cabinets or racks, with or without wiring or electrical controls, nor on fuel cells.	
60703	NOTE—Storage batteries, including automobile batteries, may also be shipped in crates or Package 2064 or on lift truck skids or pallets.	
⇒G-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	

SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
⇒64300	Explosives , consisting of ammunition, explosive or incendiary, or gas or smoke or tear producing; Explosives , NOI; Propellants , explosive; Blasting Agents; Detonators, Igniters or Squibs , motor vehicle air bag deploying; Fireworks; Flares , NOI; or Ammunition or Cartridges , small arms, blank or loaded, see Note, item H-NEW, in U.S. DOT-authorized packaging85	
64301	NOTE—⇒Cancel; no further application.	
64302	NOTE—⇒Cancel; no further application.	
⇒H-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see item AB-NEW.	
	EXTRACTS: subject to item 64350	
64370	⇒ Chestnut or Quebracho ; dry, in bags, bales, boxes or drums; or liquid, in drums65	
	EXTRACTS: subject to item 64350	
64400	⇒ Fustic or Logwood :	
Sub 1	Dry, in bags, boxes or drums85	
Sub 2	Liquid or paste, in drums or pails70	
64430	⇒ Hypernic, Osage Orange, Quercitron or Redwood :	
Sub 1	Dry, in bags, boxes or drums85	
Sub 2	Liquid or paste, in drums or pails70	
64490	⇒ Tanning , natural or synthetic, NOI; dry, in bags, bales, boxes or drums; or liquid or paste, in drums or pails65	
68100	⇒ Fertilizer Materials , having value only for fertilizer purposes or for nitrogen content, see Note, item I-NEW, viz.: Cake , tung nut oil; Clippings , felt; Hoofs , animal; Horns , animal; Meal , tung nut oil; Refuse , fur or fur piece; Scrap , felt; Shavings , taken from hides during tanning process; Sludge , sewage, dry; Stumps , animal horn; Waste , animal horn; Waste , cartridge; Waste , felt; Waste , fur or fur piece; Waste , mustard seed; In packages50	

SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
⇒I-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
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.....	50
68140	⇒ Fertilizing Compounds (Manufactured Fertilizers) , NOI, see Notes, items 68144 and J-NEW:	
Sub 1	Dry:	
Sub 2	In inner containers in boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 3	Less than 20	110
Sub 4	20 or greater.....	60
Sub 5	In bulk in bags, boxes, drums or Package 2435	50
Sub 6	Liquid, in boxes, drums or pails	70
68144	NOTE—Will also apply when having a content of herbicides or insecticides admixed not to exceed five percent of gross weight of fertilizer.	
⇒J-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
68880	⇒ Filler , rubber tire, in bags, boxes, drums or pails	85
69160	⇒ Fire Extinguisher Charges or Compounds , NOI, other than corrosive materials, see Note, item K-NEW, in bags, boxes, drums or pails.....	60
⇒K-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
69185	⇒ Fire Extinguishers , chemical, charged, see Notes, items 69186 and L-NEW, in boxes or crates, see Note, item 69187:	
Sub 1	Wheeled.....	110
Sub 2	Other than wheeled	77.5
69186	NOTE—Fire extinguishers must comply with U.S. DOT specifications.	
69187	NOTE—Fire extinguishers must be securely positioned in boxes or crates by interior packing forms as necessary to afford adequate protection against damage and to prevent shifting.	
⇒L-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
70060	⇒ Flares or Fusees , railway or highway, etc	⇒Cancel; see item AG-NEW

SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
70061	NOTE—⇒Cancel; no further application.	
70062	NOTE—⇒Cancel; no further application.	
70360	⇒ Flocks , rayon or synthetic fiber, NOI, in bags, bales or boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	12 or less	100
Sub 2	Over 12.....	70
71690	⇒ Flux , soldering (Soldering Salts), NOI, liquid:	
Sub 1	In carboys	100
Sub 2	In boxes, drums or pails.....	70
71697	⇒ Foggers or Sprayers , self-defense, containing mace or pepper, with or without handles, holsters or carrying cases, in boxes	77.5
75550	☛ Footwarmer or Hot Bottle Charges , chemical, in boxes or drums	⇒Cancel; see item 43955
	GASES OR CRYOGENIC LIQUIDS GROUP: subject to item 85500	
85880	☞☛ Gases , NOI, or Gas Mixtures , NOI, other than flammable or toxic, etc.....	⇒Cancel; see item AI-NEW
85881	NOTE—⇒Cancel; see item AJ-NEW.	
85882	NOTE—⇒Cancel; see item AK-NEW.	
85883	NOTE—⇒Cancel; see item AL-NEW.	
85890	☞☛ Gases or Gas Mixtures , flammable, etc.....	⇒Cancel; see item AM-NEW
85891	NOTE—⇒Cancel; see item AN-NEW.	
85900	☞☛ Gases or Gas Mixtures , poisonous by inhalation, etc	⇒Cancel; see item AO-NEW
85901	NOTE—⇒Cancel; see item AP-NEW.	
⇒86070	Oxygen , recreational, not offered for transportation as a Hazard Class 2, Division 2.2, see Note, item 86072, in handheld canisters or containers, in U.S. DOT-authorized packaging subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 5	Less than 6	200
Sub 6	6 or greater	125
86071	NOTE—⇒Cancel; see item AR-NEW.	
86072	NOTE—Applies on materials moving under Special Permit DOT-SP 10704, or a limited quantity exception as defined in 49 CFR § 173.306.	
86220	⇒ Gasoline Preservative , NOI, see Note, item M-NEW, in drums or pails	70
⇒M-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	

SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
101682	☞ Infectious Substances; Biological Products; Cultures; Patient Specimens; Regulated Medical Waste (RMW), Clinical Waste or Biomedical Waste; Sharps; Toxins; or Used Health Care Products; etc. ☞Cancel; see item BK-NEW	
101683	NOTE—☞Cancel; see item BL-NEW.	
103940	☞ Iron Mass or Sponge , gas purifying, not spent, in bags, boxes or drums.....50 IRON OR STEEL: subject to item 104012	
105580	☞ Iron , powdered, NOI, in bags, boxes, drums or pails60	
108420	☞ Kits , wooden furniture finishing or refinishing, see Note, item 108422, in boxes70	
108422	NOTE—Only applies on kits consisting of materials for finishing or refinishing surfaces of wooden furniture, with or without applicators.	
☞111230	Lighters , see Note, item N-NEW, viz.: Lighters , cigar, cigarette or pipe, NOI; Lighters , multipurpose or utility, stem or nozzle type; Subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 10150	
Sub 3	10 or greater.....70	
111232	NOTE—☞Cancel; no further application.	
111233	NOTE—☞Cancel; no further application.	
☞N-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
113800	☞ Lye , concentrated, NOI, in boxes or drums55 MACHINERY GROUP: subject to item 114000	
119200	Cylinders:	
119260	☞ Hydraulic or Pneumatic , other than rotary, steel, see Note, item 119262, in packages70	
119262	NOTE—Applies on hydraulic or pneumatic cylinders of the nonrotating type such as used for lifting, or hoisting, without oil reservoirs or valve controls.	
129940	☞ Shock Absorbers; or Parts thereof , rubber or steel; see Note, item 129941, in packages.....70	
129941	NOTE—Does not apply on air springs. For applicable provisions, see item 177905, 'Air Springs.'	
	MAGNESIUM METAL OR MAGNESIUM METAL ALLOYS: subject to item 133600	
133870	☞ Scrap , in packages60	
134200	☞ Matches , see Note, item O-NEW, in boxes77.5	
☞O-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
	METALS GROUP: subject to item 135300	
135380	☞ Arsenic , metallic, in boxes or drums100	

SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
	METALS GROUP: subject to item 135300	
135870	⇒ Lithium Metal , in packages	100
136020	⇒ Potassium (Potash) , metallic, in boxes or drums	100
136400	⇒ Sodium-potassium Alloys , metallic, in boxes	100
138640	⇒ Mud or Compounds , gas or oil well drilling, or Gas or Oil Well Drilling Mud Treating Compounds , in bags or drums	50
	NICKEL GROUP: subject to item 139740	
139930	⇒ Powder , nickel, in boxes or drums:	
Sub 1	Reduced nickel; or carbonyl, see Note, item 139932.....	77.5
Sub 2	NOI, see Note, item 139931	70
139931	NOTE—Provisions on nickel powder, NOI, apply only on powder produced by chemical precipitation from ore.	
139932	NOTE—Applies on nickel powder produced by the thermal decomposition of nickel carbonyl gas.	
141040	⇒ Nitrogen Fertilizer Solution or Fertilizer Ammoniating Solution , consisting of water and agricultural nitrogen salts, ammoniated or not ammoniated, total free ammonia content not to exceed 50 percent by weight, shipper to so certify on the bill of lading, in drums.....	70
	NUTS, EDIBLE, GROUP: subject to item 141600	
141720	⇒ Nut Meal , NOI, in boxes or drums.....	100
	OIL, WATER OR GAS WELL GROUP: subject to item 142700	
144130	⇒ Tools , drilling, NOI, in packages	77.5
	PAINTS GROUP: subject to item 149500	
150290	⇒ Wallpaper Remover , liquid, in boxes, drums or pails	70
	PESTICIDES GROUP: subject to item 155000	
155010	⇒ Calcium Arsenate, Lead Arsenate, Lime or Paris Green and Sulfur combined , dry, in bags, boxes or drums, see Note, item 155011	77.5
155011	NOTE—Applies only when Paris green content does not exceed 15 percent by weight.	
155015	⇒ Chlorinated Hydrocarbon Insecticides or Pesticides , viz.: Benzene Hexachloride (BHC); Chlordane; Chlorinated Camphene (Toxaphene); Dichlorodiphenyl Dichloroethane (DDD); Dichlorodiphenyl Trichloroethane (DDT); Perthane;	Not Taken
155016	NOTE—⇒Cancel; no further application.	
155030	⇒ Grain , poisoned, see Note, item P-NEW, in bags, boxes or drums	77.5
⇒P-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
155063	⇒ Sulfur, Zinc Sulfate and Lead Arsenate combined , in containers in boxes....	77.5

SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
161490	⇒ Preservatives , wood, NOI:	
Sub 1	Dry, in bags, drums or Package 2072	70
Sub 2	Liquid or paste; in inner containers in boxes or drums; or in drums or pails	55
162820	⇒ Projectors , radioactive ray, with or without stands or radioactive materials, see Notes, items 162821 and Q-NEW, in boxes or crates:	
Sub 1	Industrial	150
Sub 2	Medical	100
162821	NOTE—Provisions do not apply on X-ray machines. For classes applicable to X-ray machines, see item 63560.	
⇒Q-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
163030	⇒ Pyroxylin Solutions , NOI (liquid or jelly pyroxylin, including collodion,):	
Sub 1	In glass in boxes or drums	100
Sub 2	In inner containers in boxes or drums, or in bulk in drums	85
164900	👉⇒ Radioactive Materials , etc	⇒Cancel; see item BE-NEW
164901	NOTE—⇒Cancel; see item BF-NEW.	
164902	NOTE—⇒Cancel; see item BG-NEW.	
164903	NOTE—⇒Cancel; see item BH-NEW.	
168855	👉⇒ Reagents , copper extraction (Copper Extractants), other than corrosive materials, see Note, item R-NEW, in drums or intermediate bulk containers (IBCs)	60
⇒R-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
ROOFING OR SIDING MATERIALS GROUP: subject to item 170000		
170040	⇒ Cement , roofing tile:	
Sub 1	In double bags or in pails	70
Sub 2	In boxes or drums	60
171260	⇒ Rosin :	
Sub 1	In containers in boxes or drums	70
Sub 2	In bulk in boxes or drums, see Note, item 171262	55
Sub 3	In bags	65
171262	NOTE—Also applies on rosin in solid blocks in fiber boxes, rosin in fiber drums, or rosin in solid mass in Package 2501.	
171310	⇒ Rosin Liquor (rosin and not to exceed 40 percent of mineral spirits), in drums...	70
171350	⇒ Rosin Residue or Pine Oil Foots , in boxes or drums	55

SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
	RUBBER MATERIALS GROUP: subject to item 171600	
171800	⇒ Rubber , crude; Rubber , reclaimed; or Rubber Compounds , unvulcanized; or Scraps thereof ; in bags, bales, boxes, drums or pails.....	60
171820	⇒ Rubber , reclaimed, dispersed, liquid or paste, in drums or pails	60
171860	⇒ Rubber , scrap, hard rubber, pulverized, in bags or boxes	50
171880	⇒ Rubber , scrap, NOI, see Note, item 171884, in packages	50
171884	NOTE—Applies only on: scraps, pieces or trimmings of rubber-impregnated cloth; reclaimers' tailings or residue; old worn-out rubber boots, shoes, belting, clothing, rolls or rollers, hose, mats, matting or packing; or similar worn-out articles; having value only for reclamation of raw materials. Such articles must be described on bills of lading and shipping orders at time of shipment as 'Scrap Rubber.' Does not apply on fragments, scraps or pieces of rubber tires; see item 195720 for applicable provisions. Also does not apply on rubber tires in their original form or shape; for applicable provisions, see item 156600, 157226, 157230 or 157238, with final determination of item dependent on the type of tire.	
171980	⇒ Shavings or Turnings , hard rubber, in packages	85
	SHELLS GROUP: subject to item 175360	
175375	⇒ Bean , cocoa:	
Sub 1	In bulk in bags	50
Sub 2	In boxes or drums.....	65
175515	⇒ Shells , cartridge (Cartridge Cases), empty, for small arms, primed, see Note, item S-NEW, in boxes.....	100
⇒S-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
177120	⇒ Specimens , prepaid, see Notes, items 177122 and T-NEW:	
Sub 1	Animals, birds, fish or reptiles, preserved in alcohol or formaldehyde, in drums or pails or in inner containers in boxes	85
Sub 2	Botanical or insect, in boxes or drums	100
Sub 3	Mineral or petrified wood, in boxes, crates or drums	85
177122	NOTE—Does not apply on any commodity which is defined and specified as medical waste in Federal regulations. For applicable class, see item 101682.	
⇒T-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	

SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
	VEHICLES, MOTOR: subject to item 190100	
190235	⇒ Cars, Lift Trucks or Vehicles , NOI, not designed for general highway use, see Notes, items 190236 and U-NEW:	
Sub 1	In boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 8	175
Sub 3	8 but less than 12	100
Sub 4	12 or greater.....	70
Sub 5	In packages other than boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 6	Less than 8	200
Sub 7	8 but less than 12	110
Sub 8	12 or greater.....	77.5
190236	NOTE—Also applies on Tugs or Tuggers , used for pushing or pulling heavy, wheeled equipment or vehicles.	
⇒U-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
	VEHICLE PARTS: subject to item 190500	
192080	⇒ Inflators or Modules , air bag, motor vehicle supplemental restraint system, see Note, item 192081, in boxes ⇒Cancel; see applicable hazardous provisions.	
192081	NOTE—⇒Cancel; no further application.	
192082	NOTE—⇒Cancel; no further application.	
192083	NOTE—⇒Cancel; no further application.	
	WASTE MATERIALS GROUP: subject to item 194200	
194560	⇒ Cellulose Film Scrap or Waste , see Note, item 194562:	
Sub 1	In packages not machine pressed	85
Sub 2	In machine pressed bales, or on spools in boxes.....	55
194562	NOTE—Applies only on scrap or waste of not nitrated transparent cellulose film, such as commonly used for wrapping purposes.	
196160	⇒ Waste , hazardous, etc ⇒Cancel; see item BM-NEW	
196161	NOTE—⇒Cancel; see item BN-NEW.	
196200	⇒ Waste Materials , having value only for conversion into fiber or for reclamation of raw materials, viz.: Bags or Bagging , worn-out, cut or torn in pieces; [Other Articles Listed—No Change.]	
Sub 1	In bags, boxes, crates, drums, or in bales not machine pressed	85
Sub 2	In machine pressed bales	55

SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
200120	Wool , NOI, including alpaca hair, camel hair or wool, or mohair (angora goat hair):	
200130	⇒ In the grease, washed or not washed, not scoured:	
Sub 1	In packages, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 8	200
Sub 3	8 but less than 12	100
Sub 4	12 but less than 15	85
Sub 5	15 or greater	70
⇒V-NEW	HAZARDOUS MATERIALS GROUP: Articles subject to this grouping are regulated by the U.S. Department of Transportation as hazardous and are required to bear a Hazard Class or Hazard Divisions label or placard.	
⇒W-NEW	☞ Batteries or Cells , listed in 49 CFR §172.101, Hazardous Materials Table, offered for transportation as a Hazard Class 4, 8 or 9, see Note, item X-NEW, in boxes, see Note, item Y-NEW	70
⇒X-NEW	NOTE—Does not apply on batteries that are mounted in cabinets or racks, with or without wiring or electrical controls, nor on fuel cells.	
⇒Y-NEW	NOTE—Storage batteries, including automobile batteries, may also be shipped in crates or Package 2064 or on lift truck skids or pallets.	
⇒Z-NEW	☞ Corrosive Materials , NOI, see Note, item AA-NEW, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I	92.5
Sub 2	In Packing Group II	85
Sub 3	In Packing Group III	70
⇒AA-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 8, Corrosive Material, as defined in 49 CFR §173.136 and required to bear a notice to that effect on bills of lading and packaging.	
⇒AB-NEW	☞ Explosives , consisting of ammunition, explosive or incendiary, or gas or smoke or tear producing; Explosives , NOI; Propellants , explosive; Blasting Agents; Detonators, Igniters or Squibs , motor vehicle air bag deploying; Fireworks; Flares , NOI; or Ammunition or Cartridges , small arms, blank or loaded; in U.S. DOT-authorized packaging:	
Sub 1	Hazard Class 1, Division 1.1, 1.2 or 1.3, see Note, item AC-NEW	200
Sub 2	Other than Hazard Class 1, Division 1.1, 1.2 or 1.3, see Note, item AD-NEW	85
⇒AC-NEW	NOTE—Applies on articles or materials regulated by the U.S. Department of Transportation as a Hazard Class 1, Division 1.1, 1.2 or 1.3, Explosives, as defined in 49 CFR §173.50 and required to bear a notice to that effect on bills of lading and packaging.	
⇒AD-NEW	NOTE—Applies on articles or materials regulated by the U.S. Department of Transportation as a Hazard Class 1, Division 1.4, 1.5 or 1.6, Explosives, as defined in 49 CFR §173.50 and required to bear a notice to that effect on bills of lading and packaging.	

SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
HAZARDOUS MATERIALS GROUP: subject to item V-NEW.		
⇒AE-NEW	☞ Flammable Liquids , NOI; or Combustible Liquids in bulk containers with a maximum capacity greater than 119 gallons, NOI; see Note, item AF-NEW, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I.....	100
Sub 2	In Packing Group II.....	92.5
Sub 3	In Packing Group III.....	85
⇒AF-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 3: Flammable Liquid; or Combustible Liquid in bulk containers; as defined in 49 CFR §173.120 and required to bear a notice to that effect on bills of lading and packaging.	
⇒AG-NEW	☞ Flammable Solid, Spontaneously Combustible or Dangerous When Wet Materials , NOI, see Note, item AH-NEW, in U.S. DOT-authorized packaging:	
Sub 1	Offered for transportation as a Hazard Class 4, Division 4.3:	
Sub 2	In Packing Group I.....	110
Sub 3	In Packing Group II.....	100
Sub 4	In Packing Group III.....	92.5
Sub 5	Offered for transportation as a Hazard Class 4, Division 4.2:	
Sub 6	In Packing Group I.....	150
Sub 7	In Packing Group II.....	92.5
Sub 8	In Packing Group III.....	85
Sub 9	Offered for transportation as a Hazard Class 4, Division 4.1:	
Sub 10	In Packing Group I.....	125
Sub 11	In Packing Group II.....	85
Sub 12	In Packing Group III.....	77.5
⇒AH-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 4: Division 4.1, Flammable Solid, other than Self-reactive Material; Division 4.2, Spontaneously Combustible Material; or Division 4.3, Dangerous When Wet Material; as defined in 49 CFR §173.124 and required to bear a notice to that effect on bills of lading and packaging. For classes applicable to Self-reactive Material, see item 46047.	
⇒AI-NEW	☞ Gases , NOI, or Gas Mixtures , NOI, other than flammable or toxic, see Note, item AJ-NEW; in cargo tanks or steel cylinders, see Note, item AK-NEW; or in containers in boxes, see Note, item AL-NEW.....	110
⇒AJ-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.2, Nonflammable Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging.	
⇒AK-NEW	NOTE—Neon, inert may be shipped in aluminum cylinders.	




SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
HAZARDOUS MATERIALS GROUP: subject to item V-NEW.		
⇒AL-NEW	NOTE—Liquefied helium may be shipped in doublewall vacuum insulated containers without additional packaging, subject to the following: 1. When container exceeds 30 liters in capacity but does not exceed 100 liters capacity. 2. When container exceeds 100 liters capacity, container must be equipped with a base which will prevent rolling if container is laid on its side. When base is equipped with wheels, container must rest on two wheels and on immovable legs, skids or pad during transit. 3. When not constructed as described in paragraph (2), above, container body must be protected with a sleeve of solid fiberboard 1/4 inch or thicker or with material of equal or greater strength. Fiberboard may be laminated to form closely fitted vertical segments held together with a layer of fiberboard to facilitate forming around container body. 4. Valves, gauges and venting devices must not project above protective cage.	
⇒AM-NEW	☞☛ Gases or Gas Mixtures , flammable, see Note, item AN-NEW, in metal cylinders, or in containers in boxes or crates.....	125
⇒AN-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.1, Flammable Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging.	
⇒AO-NEW	☞☛ Gases or Gas Mixtures , poisonous by inhalation, see Note, item AP-NEW, in metal cylinders, in metal drums, or in containers in boxes or crates: Sub 1 In Hazard Zone A Sub 2 In Hazard Zone B..... Sub 3 Other than in Hazard Zone A or B	200 175 150
⇒AP-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.3, Poison Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging.	
⇒AQ-NEW	☞☛ Oxygen , recreational, offered for transportation as a Hazard Class 2, Division 2.2, see Note, item AR-NEW, in handheld canisters or containers, in U.S. DOT-authorized packaging subject to Item 170 and having a density in pounds per cubic foot of: Sub 2 Less than 6..... Sub 3 6 or greater	250 150
⇒AR-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.2, Nonflammable Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging.	




SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
HAZARDOUS MATERIALS GROUP: subject to item V-NEW.		
⇒AS-NEW	 Miscellaneous Hazardous Materials , NOI, including Environmentally Hazardous Substances , NOI, or Other Regulated Substances , NOI, see Notes, items AT-NEW and AU-NEW, in U.S. DOT-authorized packaging, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 20	100
Sub 2	20 but less than 30	70
Sub 3	30 or greater	60
⇒AT-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 9, Miscellaneous Hazardous Material, other than Hazardous Waste, as defined in 49 CFR §173.140 and required to bear a notice to that effect on bills of lading and packaging. For provisions applicable to Hazardous Waste, see item 196160.	
⇒AU-NEW	NOTE—Also applies on Marine Pollutants not specifically listed in 49 CFR §172.101, Hazardous Materials Table, and that do not meet the definition of Hazard Classes 1 through 8.	
⇒AV-NEW	 Organic Peroxides , NOI, see Note, item AW-NEW, in U.S. DOT-authorized packaging:	
Sub 1	Requiring temperature control per U.S. DOT regulations	200
Sub 2	Not requiring temperature control per U.S. DOT regulations:	
Sub 3	Type B.....	200
Sub 4	Type C.....	125
Sub 5	Type D.....	110
Sub 6	Type E.....	100
Sub 7	Type F.....	92.5
⇒AW-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 5, Division 5.2, Organic Peroxide, as defined in 49 CFR §173.128 and required to bear a notice to that effect on bills of lading and packaging.	
⇒AX-NEW	 Oxidizers , NOI, see Note, item AY-NEW, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I.....	125
Sub 2	In Packing Group II	100
Sub 3	In Packing Group III	85
⇒AY-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 5, Division 5.1, Oxidizer, as defined in 49 CFR §173.127 and required to bear a notice to that effect on bills of lading and packaging.	

SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
HAZARDOUS MATERIALS GROUP: subject to item V-NEW.		
⇒AZ-NEW	 Oxygen Generators , chemical, see Notes, items BA-NEW and BB-NEW, in U.S. DOT-authorized packaging, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 4	500
Sub 2	4 but less than 8	300
Sub 3	8 or greater	150
⇒BA-NEW	NOTE—Applies on devices regulated by the U.S. Department of Transportation as a Hazard Class 5, Division 5.1, Chemical Oxygen Generator, UN3356, as defined in 49 CFR §173.127, offered in compliance with 49 CFR §173.168 and required to bear a notice to that effect on bills of lading and packaging.	
⇒BB-NEW	NOTE—Also applies on equipment containing chemical oxygen generators, such as Passenger Service Units (PSUs) or Portable Breathing Equipment (PBE) .	
⇒BC-NEW	 Poisonous or Toxic Materials , see Note, item BD-NEW, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I:	
Sub 2	Poisonous by inhalation	150
Sub 3	Other than poisonous by inhalation	125
Sub 4	In Packing Group II	85
Sub 5	In Packing Group III	70
⇒BD-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 6, Division 6.1, Poisonous or Toxic Material, as defined in 49 CFR §173.132 and required to bear a notice to that effect on bills of lading and packaging.	
⇒BE-NEW	 Radioactive Materials , see Notes, items BF-NEW and BG-NEW, in U.S. DOT-authorized containers, released to a value not exceeding \$25.00 per pound, see Note, item BH-NEW	250
⇒BF-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 7, Radioactive Material, as defined in 49 CFR §173.403 and required to bear a notice to that effect on bills of lading and packaging.	
⇒BG-NEW	NOTE—Shipment may include accompanying tools for opening and closing container.	
⇒BH-NEW	NOTE—Unless otherwise provided in individual participating carriers' tariffs, materials moving under the provisions of item 164900 shall only be accepted subject to a maximum liability of \$25.00 per pound. If shipper fails to declare a value, or declares a value in excess of \$25.00 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 \$25.00 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 material lost or damaged.	

SUBJECT 10

Proposed Classification Provisions—Concluded

Item	Description	Class
HAZARDOUS MATERIALS GROUP: subject to item V-NEW.		
⇒BI-NEW	☞ Self-reactive Materials , see Note, item BJ-NEW, in U.S. DOT-authorized packaging:	
Sub 1	Requiring temperature control per U.S. DOT regulations	200
Sub 2	Not requiring temperature control per U.S. DOT regulations:	
Sub 3	Type B.....	175
Sub 4	Type C.....	110
Sub 5	Type D.....	100
Sub 6	Type E.....	92.5
Sub 7	Type F.....	85
⇒BJ-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 4, Division 4.1, Self-reactive Material, as defined in 49 CFR §173.124 and required to bear a notice to that effect on bills of lading and packaging.	
⇒BK-NEW	☞ Infectious Substances; Biological Products; Cultures; Patient Specimens; Regulated Medical Waste (RMW), Clinical Waste or Biomedical Waste; Sharps; Toxins; or Used Health Care Products ; see Note, item BL-NEW, in U.S. DOT-authorized packaging.	0
⇒BL-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 6, Division 6.2, Infectious Substance (Etiologic Agent), as defined in 49 CFR §173.134 and required to bear a notice to that effect on bills of lading and packaging.	
⇒BM-NEW	☞ Waste , hazardous, see Note, item BN-NEW, in packages complying with applicable federal regulations	0
⇒BN-NEW	NOTE—Applies on all articles, materials or substances, other than radioactive, subject to the laws and regulations governing the transportation of hazardous waste for disposal, storage or reclamation, including articles which because of residues, contamination or the combining of materials are subject to such laws or regulations. All hazardous waste subject to this item must be tendered in compliance with applicable laws and regulations.	

It is proposed to amend Item (Rule) 110, Definitions and Explanations of Terms, Punctuation and References, to read as follows:

ITEM 110**DEFINITIONS AND EXPLANATIONS OF TERMS, PUNCTUATION AND REFERENCES**

The following definitions will apply when such terms are used in this Classification or in tariffs governed by this Classification. When different definitions are provided for the same terms in connection with rates, classes, rules or other provisions, such definitions will take precedence.

Secs. 1-24. No Change.

⇒**Sec. 25.** Articles, materials or substances regulated by the U.S. Department of Transportation and required to bear a notice to that effect on bills of lading and packaging must be classified under items marked with the “☞” symbol.

SUBJECT 10**Analysis and Conclusion**

This proposal seeks to address interpretive issues regarding the classification of hazardous materials, and items that might contain both regulated and non-regulated hazardous materials. This proposal would make a number of changes to the way hazardous commodities would be classified, and which item numbers would be applicable, as shown in the Proposed Provisions herein.

This proposal would add a new section to Item (Rule) 110, stating "Articles, materials or substances regulated by the U.S. Department of Transportation and required to bear a notice to that effect on bills of lading and packaging must be classified under items marked with the "☼" symbol." Concurrently, the definition of the "☼" symbol would be updated in the Explanation of Abbreviations and Reference Marks.

Additionally, a new generic heading, the Hazardous Materials Group, would be established; items applying only on hazardous materials would be canceled and reestablished subject to this group.

It is also proposed that the "☼" symbol be removed from multiple items that may not specifically describe hazardous materials, presently. For simplification and clarification, these items would therefore no longer apply on any shipments regulated as hazardous by the U.S. Department of Transportation. Any regulated shipment of hazardous materials would instead be classified under the appropriate NMFC item for the associated hazard class of the shipment.

The FCDC's Packaging Development Manager has reviewed the proposed minimum packaging requirements and determined they are appropriate for the LTL environment.

SUBJECT 11

SUBJECT 11: Armored Vests

Re: Armored Vests

Contact: Lanae Peterson

FCDC@nmfta.org

Proponent: Freight Classification Development Council

Quick View

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 11: Armored Vests

Quick View: “Vests, NOI” is added to the “viz.” listing in item 49880.

- New Note established attendant to item 49880
- New Notes added to Ordnance and Quartermasters’ Stores Groups

Transportation Characteristics Present:

- Handling ☐Yes ☒No Stowability ☐Yes ☒No Liability ☐Yes ☒No Density ☒Yes ☐No

Provisions based on:

- FCDC’s 13-subprovision density scale

SUBJECT 11

Present Classification Provisions

Item	Description	Class
49880*	<p>CLOTHING GROUP: subject to item 49790</p> <p>Clothing, see Notes, items 49881 and 49885, viz.:</p> <p>Belts, NOI, in boxes;</p> <p>Clothing, crinoline or bouffant, in boxes;</p> <p>Clothing, Garments or Apparel, NOI, in boxes or Packages 1401 or 2265;</p> <p>Coats, Jackets or Outerwear, NOI, in boxes or Packages 1401 or 2265;</p> <p>Costumes, masquerade or theatrical, including mascot or entertainment character, see Note, item 49886, in boxes or Packages 1401 or 2265;</p> <p>Gloves or Mittens, NOI, in boxes, see Note, item 49882;</p> <p>Gowns, academic, see Note, item 49883, in boxes;</p> <p>Hose Supporters, in boxes;</p> <p>Hosiery, NOI; Pantyhose, Socks; Stockings, or Tights, in boxes, see Note, item 49883;</p> <p>Pants, Slacks, Trousers or Shorts, NOI, in boxes or Packages 1401 or 2265;</p> <p>Shirts or Blouses, NOI, in boxes or Packages 1401 or 2265;</p> <p>Skirts or Dresses, NOI, in boxes or Packages 1401 or 2265;</p> <p>Sleepwear, NOI, in boxes or Packages 1401 or 2265;</p> <p>Supporters, athletic (Suspensories), male, fabric, without snaps, buckles, ties or other fastening or adjusting devices, in boxes;</p> <p>Suspenders, in boxes;</p> <p>Undergarments or Underwear, NOI, in boxes or Packages 1401 or 2265;</p>	

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SUBJECT 11

Present Classification Provisions—Concluded

Item	Description	Class
	CLOTHING GROUP: subject to item 49790	
	Clothing: subject to item 49880	
	Waders , trouser or overall type, including Chest Waders , with or without integral boots or shoes, in boxes or Packages 1401 or 2265;	
	Subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater.....	50
49881	NOTE—Also applies on complement of hangers in the same package.	
49882	NOTE—Also applies when shipped in or on point-of-purchase display racks or stands, in boxes, or in boxes that serve as point-of-purchase display racks or stands.	
49883	NOTE—Boxes may include caps (mortarboards), tassels, collars or honor cords.	
49885	NOTE—Applies on clothing whether new or used but does not apply on: Disposable clothing produced from paper or nonwoven cloth, with or without reinforcement of other materials, see item 56545; Fur or animal hide clothing or clothing lined with fur or animal hide, see items 49825 and 49830; or Worn-out clothing having value only for conversion into fiber or for reclamation of raw materials, see item 196200.	
49886	NOTE—Also applies on costumes with masks or other accessories in the same package, or when formed or molded into the shape of figures or images.	
145600	ORDNANCE GROUP:	
163600	QUARTERMASTERS' STORES GROUP:	

*Published in Supplement 1 to NMF 100-AY, effective July 19, 2025.

SUBJECT 11

Proposed Classification Provisions

Item	Description	Class
49790	CLOTHING GROUP: subject to item 49790	
49880	Clothing , see Notes, items 49881, 49885 and A-NEW, viz.: Belts , NOI, in boxes; Clothing , crinoline or bouffant, in boxes; Clothing, Garments or Apparel , NOI, in boxes or Packages 1401 or 2265; Coats, Jackets or Outerwear , NOI, in boxes or Packages 1401 or 2265; Costumes , masquerade or theatrical, including mascot or entertainment character, see Note, item 49886, in boxes or Packages 1401 or 2265; Gloves or Mittens , NOI, in boxes, see Note, item 49882; Gowns , academic, see Note, item 49883, in boxes; Hose Supporters , in boxes; Hosiery , NOI; Pantyhose, Socks; Stockings, or Tights , in boxes, see Note, item 49883; Pants, Slacks, Trousers or Shorts , NOI, in boxes or Packages 1401 or 2265; Shirts or Blouses , NOI, in boxes or Packages 1401 or 2265; Skirts or Dresses , NOI, in boxes or Packages 1401 or 2265; Sleepwear , NOI, in boxes or Packages 1401 or 2265; Supporters , athletic (Suspensories), male, fabric, without snaps, buckles, ties or other fastening or adjusting devices, in boxes; Suspenders , in boxes; Undergarments or Underwear , NOI, in boxes or Packages 1401 or 2265;	

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SUBJECT 11

Proposed Classification Provisions—Concluded

Item	Description	Class
	CLOTHING GROUP: subject to item 49790	
	Clothing: subject to item 49880	
	⇒ Vests , NOI, in boxes;	
	Waders , trouser or overall type, including Chest Waders , with or without integral boots or shoes, in boxes or Packages 1401 or 2265;	
	Subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater	50
49881	NOTE—No Change.	
49882	NOTE—No Change.	
49883	NOTE—No Change.	
49885	NOTE—No Change.	
49886	NOTE—No Change.	
⇒A-NEW	NOTE—Applies on articles of clothing with or without components of other materials.	
145600	ORDNANCE GROUP: see Note, item B-NEW	
⇒B-NEW	NOTE—United States Military regulations notwithstanding, for classification purposes, articles subject to this grouping are defined as matter shipped for acceptance, processing and delivery at a government military installation.	
163600	QUARTERMASTERS' STORES GROUP: see Note, item C-NEW	
⇒C-NEW	NOTE—United States Military regulations notwithstanding, for classification purposes, articles subject to this grouping are defined as matter shipped for acceptance, processing and delivery at a government military installation.	

SUBJECT 11**Analysis and Conclusion**

This proposal addresses interpretive issues affecting items, such as armored vests and how class designation depends on where the item is being delivered. In the interest of clarification and simplification, and to alleviate these interpretive issues, item 49880¹⁹ would be amended to include "Vests, NOI," in the "viz." listing. A new Note would also be established attendant to item 49880 to clarify the application of the articles within the "viz."

Moreover, two additional Notes would be established to clarify the application of the items subject to both the Ordnance Group and Quartermasters' Stores Group generic headings.

¹⁹ Item 49880 provides the FCDC's standard 13-subprovision density scale, which includes reference to Item (Rule) 170, the inadvertence clause.

SUBJECT 12

SUBJECT 12: Separators, pipe fitting**Re: Separators, pipe fitting****Contact:** Amber Parker

FCDC@nmfta.org


Proponent: Freight Classification Development Council**Quick View**

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 12: Separators, pipe fitting**Quick View:** A new Note attendant to item 52200 is added.

SUBJECT 12


Present Classification Provisions

Item	Description	Class
	CONDUITS, OTHER THAN EARTHEN, GROUP: subject to item 50750	
52200*	 Pipe, Tubing, or Pipe or Tubing Fittings , metal, combined or not combined with other materials, NOI, see Note, item 52201, in packages or Package 2130:	
Sub 1	Greatest dimension exceeding 288 inches, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 15	250
Sub 3	15 but less than 22.5.....	125
Sub 4	22.5 but less than 30.....	110
Sub 5	30 or greater.....	92.5
Sub 6	Greatest dimension exceeding 192 inches but not exceeding 288 inches, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 7	Less than 15	175
Sub 8	15 but less than 22.5.....	100
Sub 9	22.5 but less than 30.....	92.5
Sub 10	30 or greater.....	77.5
Sub 11	Greatest dimension exceeding 96 inches but not exceeding 192 inches, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 12	Less than 15	125
Sub 13	15 but less than 22.5.....	85
Sub 14	22.5 but less than 30.....	77.5
Sub 15	30 or greater.....	65
Sub 16	Greatest dimension not exceeding 96 inches, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 17	Less than 15	100
Sub 18	15 but less than 22.5.....	70
Sub 19	22.5 but less than 30.....	65
Sub 20	30 or greater.....	55
52201	NOTE—Not Involved.	

* Published in Supplement 1 to NMF 100-AY, effective July 19, 2025.

SUBJECT 12

Proposed Classification Provisions

Item	Description	Class
	CONDUITS, OTHER THAN EARTHEN, GROUP: subject to item 50750	
52200	 Pipe, Tubing, or Pipe or Tubing Fittings , metal, combined or not combined with other materials, NOI, see Notes, items 52201 ⇨ and NEW, in packages or Package 2130:	
Sub 1	Greatest dimension exceeding 288 inches, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 15	250
Sub 3	15 but less than 22.5.....	125
Sub 4	22.5 but less than 30.....	110
Sub 5	30 or greater.....	92.5
Sub 6	Greatest dimension exceeding 192 inches but not exceeding 288 inches, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 7	Less than 15	175
Sub 8	15 but less than 22.5.....	100
Sub 9	22.5 but less than 30.....	92.5
Sub 10	30 or greater.....	77.5
Sub 11	Greatest dimension exceeding 96 inches but not exceeding 192 inches, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 12	Less than 15	125
Sub 13	15 but less than 22.5.....	85
Sub 14	22.5 but less than 30.....	77.5
Sub 15	30 or greater.....	65
Sub 16	Greatest dimension not exceeding 96 inches, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 17	Less than 15	100
Sub 18	15 but less than 22.5.....	70
Sub 19	22.5 but less than 30.....	65
Sub 20	30 or greater.....	55
52201	NOTE—No Change.	
⇨NEW	NOTE—Also applies on Separators , with or without components of other materials.	

Analysis and Conclusion

To address interpretive concerns, this proposal would add a new Note attendant to item 52200 to clarify its application.

SUBJECT 13

SUBJECT 13: Automobile Bed or Cargo Liners, Storage Boxes or Organizers

Re: Automobile Bed or Cargo Liners, Storage Boxes or Organizers

Contact: Lanae Peterson

FCDC@nmfta.org

Proponent: Freight Classification Development Council

Quick View

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 13: Automobile Bed or Cargo Liners, Storage Boxes or Organizers

Quick View: Multiple entries in the “viz.” of item 18260 are removed and replaced with “Bed or Cargo Liners, Storage Boxes or Organizers.”

Transportation Characteristics Present:

- Handling ☐Yes ☒No Stowability ☐Yes ☒No Liability ☐Yes ☒No Density ☒Yes ☐No

Provisions based on:

- FCDC’s 13-subprovision density scale

SUBJECT 13

Present Classification Provisions

Item	Description	Class
	AUTOMOBILE PARTS GROUP: subject to item 17800	
18260	Body Parts; Parts; or Trim; viz.: Accessories , NOI, in packages; Pickup Truck Bed Liners , molded plastic, in packages; Pickup Truck Bed Storage Boxes or Organizers , see Note, item 18268, in packages; [Other Articles Listed—Not Involved.] Subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater.....	50
18268	NOTE—Applies on storage boxes or organizers for installation in pickup truck beds, having enclosed drawers and a top that serves as a raised deck the full length and width of the truck bed.	

SUBJECT 13

Proposed Classification Provisions

Item	Description	Class
	AUTOMOBILE PARTS GROUP: subject to item 17800	
18260	Body Parts; Parts; or Trim; viz.: Accessories , NOI, in packages; ⇒Bed or Cargo Liners, Storage Boxes or Organizers , NOI, in packages; ⇒Pickup Truck Bed Liners , molded plastic, in packages; ⇒Pickup Truck Bed Storage Boxes or Organizers , see Note, item 18268, in packages; [Other Articles Listed—No Change.] Subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater.....	50
18268	NOTE—⇒Cancel; no further application.	

Analysis and Conclusion

To address interpretive concerns, this proposal would amend the “viz.” listing of item 18260²⁰ by removing multiple provisions applying on vehicle liners, storage boxes, or organizers and consolidating them into one listing, naming “Bed or Cargo Liners, Storage Boxes or Organizers, NOI,” in the interest of clarification and simplification.

Additionally, Note, item 18268 would be canceled with no further application.

²⁰ Item 18260 provides the FCDC’s standard 13-subprovision density scale, which includes reference to Item (Rule) 170, the inadvertence clause.

SUBJECT 14

SUBJECT 14: Bottle Stoppers or Tops – Items 179480 and 186950

Re: Bottle Stoppers or Tops – Items 179480 and 186950

Contact: Lanae Peterson

FCDC@nmfta.org

Proponent: Freight Classification Development Council

Quick View

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 14: Bottle Stoppers or Tops – Items 179480 and 186950

Quick View: Two items related to bottle stoppers or tops are canceled with reference to a new item, which provides the FCDC’s standard 13-subprovision density scale.

- One new Note established attendant to the new item

Transportation Characteristics Present:

- Handling ☐Yes ☒No Stowability ☐Yes ☒No Liability ☐Yes ☒No Density ☒Yes ☐No

Provisions based on:

- FCDC’s 13-subprovision density scale

SUBJECT 14

Present Classification Provisions

Item	Description	Class
179480	Stoppers , bottle, in boxes:	
Sub 1	Aluminum	100
Sub 2	NOI, also in bags.....	85
Sub 3	With swab attachments, also in bags.....	85
Sub 4	Cork and wood combined, also in bags	85
Sub 5	Glass, other than cut or ground	70
Sub 6	Plastic	100
186950	Tops , bottle stopper, composition, fiber, wood or wood and metal combined, in bags, boxes or drums.....	70

Proposed Classification Provisions

Item	Description	Class
179480	Stoppers , bottle, etc	⇒Cancel; see item A-NEW
⇒A-NEW	Stoppers or Tops , bottle, NOI, see note B-NEW, in bags, boxes or drums; Subject to Item 170 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	175
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 but less than 35	60
Sub 12	35 but less than 50	55
Sub 13	50 or greater	50
⇒B-NEW	NOTE—Also applies to electric bottle stoppers or tops.	
186950	Tops , bottle stopper, composition, fiber, wood or wood and metal combined, etc	⇒Cancel; see item A-NEW

SUBJECT 14

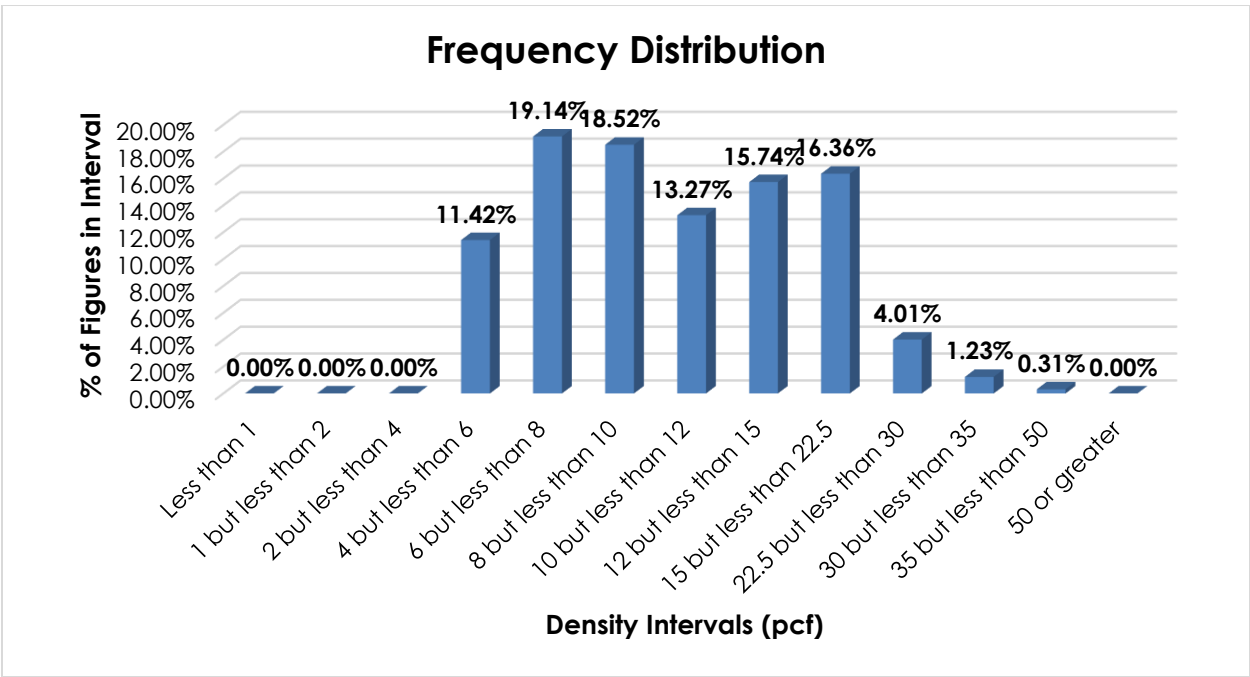
Analysis

Introduction

This proposal addresses items 179480 and 186950, which name various types of bottle stoppers or tops, and these provisions can be difficult to interpret, apply, or verify. The transportation characteristics below relate to items 179480 and 186950, as shown in the Present Classification Provisions herein.

Transportation Characteristics

Density—The information of record includes 324 density observations obtained from the FCDC’s Density Study²¹. The densities range from 4.00 to 35.30 pcf, with an overall average density of 11.50 pcf. As shown in the graph below, the density distribution is roughly bimodal, with distinct interval peaks between 6 and 10 pcf, and 12 and 22.5 pcf.



Handling, Stowability, and Liability—There have been no reports of unusual or significant handling, stowability, or liability issues.

²¹ The Density Study is part of an ongoing effort by the FCDC to collect information on actual shipments across all product categories handled by the LTL industry. Carriers that choose to participate in the Study periodically submit shipment data captured through their respective freight auditing programs. The FCDC uses verifiable data points, identified by NMFC item, that include the weight and the dimensions and/or cube of the shipping unit.

SUBJECT 14**Conclusion**

Based on the foregoing analysis, items 179480 and 186950 would be canceled with reference to a new item, naming "Bottle Stoppers or Tops, NOI," which would provide classes based on the FCDC's standard 13-subprovision density scale²². Additionally, a new Note, attendant to the new item, would be established to clarify its application.

The FCDC's Packaging Development Manager has reviewed the proposed minimum packaging requirements and determined they are appropriate for the LTL environment.

²² The new item would provide the FCDC's standard 13-subprovision density scale, which includes reference to Item (Rule) 170, the inadvertence clause.

SUBJECT 15

SUBJECT 15: Cookware or Bakeware – Item 52880

Re: Cookware or Bakeware – Item 52880

Contact: Adam Mercer

FCDC@nmfta.org

Proponent: Freight Classification Development Council

Quick View

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 15: Cookware or Bakeware – Item 52880

Quick View: The description of item 52880 is amended to include “other than expendable.”

SUBJECT 15

Present Classification Provisions

Item	Description	Class
52880*	Cookware or Bakeware , metal, NOI, other than electric or gas, with or without components or accessories of same or other materials, see Notes, items 52881 and 52882, in boxes or crates, subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater	50
52881	NOTE—Covers or other accessories may be in same or separate packages.	
52882	NOTE—Also applies on Percolators or Teakettles , other than electric or gas.	

* Published in Supplement 1 to NMF 100-AY, effective July 19, 2025.

SUBJECT 15

Proposed Classification Provisions

Item	Description	Class
52880	Cookware or Bakeware , metal, NOI, other other than expendable, other than electric or gas, with or without components or accessories of same or other materials, see Notes, items 52881 and 52882, in boxes or crates, subject to Item 170 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.....	175
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 but less than 35.....	60
Sub 12	35 but less than 50.....	55
Sub 13	50 or greater	50
52881	NOTE—Covers or other accessories may be in same or separate packages.	
52882	NOTE—Also applies on Percolators or Teakettles , other than electric or gas.	

Analysis and Conclusion

To address interpretive concerns regarding cookware or bakeware, this proposal would amend the description of item 52880 to include “other than expendable.”

SUBJECT 16

SUBJECT 16: Item (Rule) 995 – Weights-Gross Weights and Dunnage**Re:** Item (Rule) 995 – Weights-Gross Weights and Dunnage**Contact:** Adam Mercer

FCDC@nmfta.org

Proponent: Freight Classification Development Council**Quick View**

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 16: Item (Rule) 995 – Weights-Gross Weights and Dunnage**Quick View:** The language in Section 1 of Item (Rule) 995 is updated to reference “density” instead of “charges.”

SUBJECT 16

Proposed Classification Provisions

It is proposed to amend Item (Rule) 995, **Weights-Gross Weights and Dunnage**, to read as follows:

ITEM 995**WEIGHTS-GROSS WEIGHTS AND DUNNAGE**

Sec. 1. Unless otherwise provided, density shall be computed on actual gross weights, except when estimated weights are authorized such estimated weights shall be used. A shipping carrier, container or package, or pallet, platform or skid constitutes part of the gross weight.

[Remainder of Rule—No Change.]

Analysis and Conclusion

Given that economic factors are beyond the purview of the NMFC, this proposal would amend the wording in Section 1 of Item (Rule) 995 to read, "Unless otherwise provided, density shall be computed on actual gross weights, except when estimated weights are authorized such estimated weights shall be used. A shipping carrier, container or package, or pallet, platform or skid constitutes part of the gross weight."

SUBJECT 17

SUBJECT 17: Item (Rule) 245 – Definition of or Specifications for Crates**Re:** Item (Rule) 245 – Definition of or Specifications for Crates**Contact:** Larissa A. Franklin

FCDC@nmfta.org

Proponent: Freight Classification Development Council**Quick View**

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 17: Item (Rule) 245 – Definition of or Specifications for Crates

Quick View: The introductory paragraph of Item (Rule) 245 is amended to provide requirements for wood, metal, and wirebound crates to structurally support toploaded freight.

- Subsections for wood and metal crates amended accordingly

SUBJECT 17

Proposed Classification Provisions

It is proposed to amend Item 245, Definition of or Specifications for Crates, to read as follows:

ITEM 245

DEFINITION OF OR SPECIFICATIONS FOR CRATES

Crates are six-sided containers constructed of wood or metal slats or structural members with apertures between, securely nailed, bolted, screwed, riveted or welded together, of sufficient design and strength to fully enclose and protect contents so as to withstand the normal rigors of the less-than-truckload environment. Article(s) must be secured within crates and no part shall protrude. ⇒ Crates must be framed to provide sufficient strength and stability to support toploaded freight of even load and weight distribution during transport, utilizing the available space above the crate, up to 96 inches, and having a density of at least 20 pounds per cubic foot.

Standard wood crates must meet the following minimum specifications:

Base: Crates must have a lift truck skid, pallet or platform of sufficient design, size and strength to ensure article(s) cannot cause any failure of structural components. Deck boards must be sufficiently close to one another, or a wood structural panel (see Note 1) may be secured on top of deck boards to adequately protect article(s) from underside damage and to prevent article(s) from falling through the deck.

Note 1—Wood structural panels (plywood or oriented strand board) shall conform to DOC PS1, DOC PS2, ANSI/APA PRP 210, CSA O325 or CSA O437*.

Sides, Ends and Tops: Crates must be constructed with an outer framework consisting of upright and horizontal members and with additional diagonal, upright and horizontal members where necessary to provide proper strength and rigidity.

⇒ Crate sides, ends and tops must be constructed with slats or members sufficiently close to one another to adequately protect article(s) on the sides, ends, top and bottoms, but openings on the sides, ends and tops must not exceed 25 inches in their greatest dimension, which may be the length, width, height or diagonal measurement of the opening. See Note 2. Horizontal structural members must be placed no more than 24 inches apart.

Where present, wood structural panel(s) must be secured to frame with fasteners appropriate to prevent failure during transport.

Note 2—Lumber must be seasoned, reasonably sound, and free from cross grain and knots which would interfere with nails, bolts or screws, or knots which are greater than $\frac{1}{3}$ the width of the lumber.

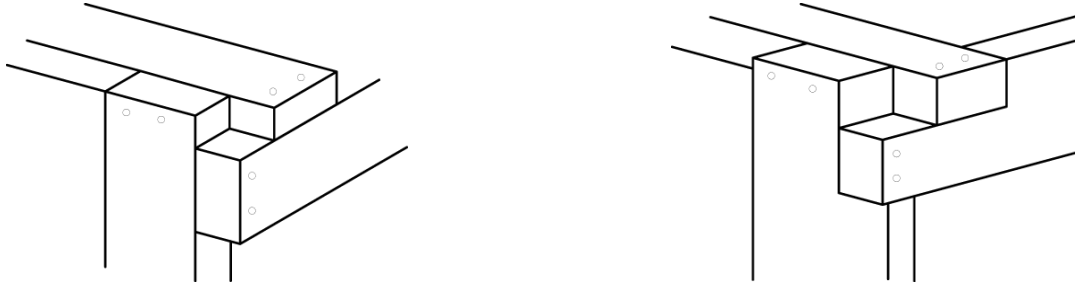
Fasteners: Framework, corners and joints must be secured with nails, bolts or screws to ensure the fastened connections are stronger than the materials being joined.

Interior Requirements: Article(s) must be secured to prevent movement during transport. Protective packing forms or other packaging materials must be used where necessary to afford adequate protection against damage to the article(s). Article(s) with legs must be suspended away from all edges of the crate by at least one inch.

SUBJECT 17

Proposed Classification Provisions—Concluded

Three-Way Locking Corners: Crates must be constructed with three-way locking corners, where members will be joined with nails, bolts or screws driven into side grain of joining members. Examples are shown below:



***References:** U.S. Department of Commerce (DOC); American National Standards Institute (ANSI); APA - The Engineered Wood Association (APA); CSA Group (CSA).

Metal crates must meet the following minimum specifications:

Base: Crates must have a metal lift truck skid, pallet or platform of sufficient design, size and strength to ensure article(s) cannot cause any failure of structural components. Deck slats must be sufficiently close to one another to prevent article(s) from falling through the deck. Article(s) must be adequately secured to a metal lift truck skid, pallet or platform that will adequately protect contents from underside damage.

Sides, Ends and Tops: Crates must be constructed with an outer framework consisting of upright and horizontal members and with additional diagonal, upright and horizontal members where necessary to provide proper strength and rigidity.

⇒Crate sides, ends and tops must be constructed with slats or members sufficiently close to one another to adequately protect article(s) on the sides, ends, tops and bottoms, but openings on sides, ends and tops must not exceed 25 inches in their greatest dimension, which may be the length, width, height or diagonal measurement of the opening. Horizontal structural members must be placed no more than 24 inches apart.

Interior Requirements: Article(s) must be secured to prevent movement during transport. Protective packaging forms or other packaging materials must be used where necessary to afford adequate protection against damage to the article(s). Article(s) with legs must be suspended away from all edges of the crate by at least one inch.

[REMAINDER OF ITEM—NO CHANGE.]

SUBJECT 17**Analysis and Conclusion**

This proposal is in response to reports of wirebound crates being constructed and tendered in a manner so as to innately prevent stacking and, therefore, unable to support top-freight. The provisions for wooden and metal crates provide stipulations that require the tops to be able to provide adequate space and support for top-freight, but wirebound crates do not specifically delineate this necessity.

FCDC packaging policies state that the FCDC is to establish and maintain packaging rules and specifications as necessary to ensure that freight is adequately protected and can be handled and stowed in a manner that is reasonably safe and practicable so as to withstand the normal rigors of the less-than-truckload environment. As such, it would be consistent with classification policies to amend the introductory paragraph of Item (Rule) 245 to state, "Crates must be framed to provide sufficient strength and stability to support toploaded freight of even load and weight distribution during transport, utilizing the available space above the crate, up to 96 inches, and having a density of at least 20 pounds per cubic foot," so that this requirement applies to the three forms of authorized crates. Concurrently, this sentence would be removed from both the wooden crates and metal crates subsections.

NOTICE OF CHANGES TO THE CLASSIFICATION MADE NECESSARY BY LAW,
BY ORDER OF A REGULATORY BODY, OR
FOR CLARIFICATION, SIMPLIFICATION OR UNIFORMITY

SECTION II

A. Updating References to Canceled Items

MUSICAL INSTRUMENTS, OR PARTS NAMED, GROUP: subject to item 138800
138892 NOTE—Shipper must certify on shipping orders and bills of lading at time of shipment that the actual value per pound of the property does not exceed \$5.00. If the shipper fails to so certify the actual value per pound, item ⇒139020, naming 'Drums, other than toy, NOI,' will apply.

Comment: Item references are being updated or removed as shown herein.
