

State of California

Public Utilities Commission  
San Francisco

MEMORANDUM

Date : September 20, 1991  
To : The Commission  
(Meeting of September 25, 1991)  
From : Jim Diani, Principal *Jim Diani*  
Tariff and License Branch  
Transportation Division  
Subject : CA-1

SPECIAL TARIFF DOCKET RESOLUTION NO. 1204

STD - 10,014 - California Trucking Association and National  
Motor Freight Traffic Association, Inc., Agent.

Requests authority for the adoption of Supplement 4 to the National Motor Freight Classification NMF 100-R concurrent with the national effective date of October 5, 1991, and to make such provisions applicable to the tariffs of highway common carriers and express corporations which participate in and are listed in the classification.

Recommended Denial

NONE

Recommended Dismissal

NONE

Resolution No. STD-1204

TRANSPORTATION DIVISION  
TARIFF & LICENSE BRANCH  
Tariff Section

Before the Public Utilities Commission  
of the State of California

RESOLUTION ORDERING DISPOSITION OF  
SPECIAL TARIFF DOCKET REQUESTS

Requests as identified hereinafter have been filed on the Special Tariff Docket for authority to make tariff changes for which permission of the Commission is requisite under provisions of the Public Utilities Code or orders of the Commission. Due consideration has been given to the representations contained in the verified requests, and good cause appearing, the following findings and order are made:

The Commission finds that the following requests are justified and should be granted subject to conditions specified in the orders which are attached hereto and by this reference made a part hereof:

Request and  
Order No.

Request Filed By:

STD 10,014

California Trucking Association  
and National Motor Freight  
Classification, Inc., Agent

Resolution No. STD-1204  
(Concluded)

The Commission finds that the following requests do not contain sufficient justification for the authority sought, and therefore should be denied without prejudice:

Request and  
Order No.

Request Filed By:

NONE

The Commission finds that the following requests are of a nature not suitable for processing on the Special Tariff Docket, and therefore should be dismissed without prejudice:

Request and  
Order No.

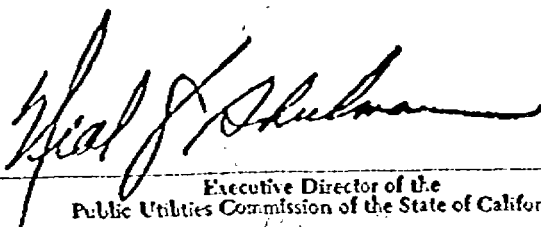
Request Filed By:

NONE

IT IS ORDERED that the aforesaid requests are granted, denied or dismissed, as the case may be, in accordance with the findings hereinbefore set forth, and as specified in the orders which are attached hereto and by this reference made a part hereof.

I certify that the foregoing resolution was duly introduced, passed and adopted at a conference of the Public Utilities Commission of the State of California, held on the 25th day of September, 1991, the following Commissioners voting favorably thereon.

PATRICIA M. ECFERT  
President  
JOHN B. CHANIAN  
DANIEL Wm. FESSLER  
Norman D. SHUTWAY  
Commissioners



Executive Director of the  
Public Utilities Commission of the State of California

I abstain

G. MITCHELL WILK  
Commissioner

Order No. STD-10,014

Before the Public Utilities Commission of the State of California

Request filed by:

CALIFORNIA TRUCKING ASSOCIATION AND  
NATIONAL MOTOR FREIGHT CLASSIFICATION  
INC., AGENT

Special Tariff Docket  
Request Numbered Same as  
Order Number Above.

In conformity with the findings and order made by the Commission in a resolution entered this day, the request, copy of which is attached hereto and by this reference made a part hereof, is granted, subject to the following conditions:

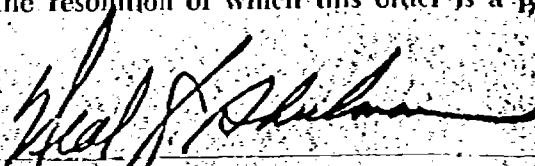
1. That schedules containing the rates authorized herein shall make reference to prior authorities granting the long and short haul departures and to this authority.
2. That the authority herein granted shall not supersede or be in lieu of any outstanding authority heretofore granted under Section 460 of the Public Utilities Code.

NONE

The authority herein granted is limited strictly to its terms, and shall expire unless the tariff provisions authorized herein are published and filed in the San Francisco office of this Commission within ninety days after the date hereof. The item of tariff or supplement issued pursuant to this order shall bear reference to this order in substantially the following form:

"Authorized by Cal. P.U.C. Order No. STD-10,014."

This order issued September 25, 1991, by the Public Utilities Commission of the State of California by the adoption of the resolution of which this order is a part.

  
Executive Director of the  
Public Utilities Commission of the State of California

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

SPECIAL TARIFF DOCKET REQUEST FOR  
THE ADOPTION OF SUPPLEMENT 4 TO  
THE GOVERNING CLASSIFICATION NMF 100-R

SPECIAL TARIFF DOCKET NO. 10,014

The request of CALIFORNIA TRUCKING ASSOCIATION AND NATIONAL MOTOR  
FREIGHT TRAFFIC ASSOCIATION, INC. AGENT, whose post office addresses are:

California Trucking Association  
1251 Beacon Boulevard  
West Sacramento, California 95691

and

National Motor Freight Traffic  
Association, Inc., Agent  
2200 Mill Road  
Alexandria, Virginia 22314

Communications and correspondence in regard to this filing are to be addressed to:

Luke R. Sherwood  
California Trucking Association  
1251 Beacon Boulevard  
West Sacramento, CA 95691

RECEIVED  
PUBLIC UTILITIES COMMISSION

SEP 17 1991

TARIFF SECTION

I.

Respectfully shows:

Highway common carriers and express corporations are operating as common  
carriers pursuant to the authority of the Commission and in accordance with tariffs filed  
with this Commission; which tariffs are also subject to and governed by the National  
Motor Freight Classification NMF 100-R and supplements thereto.

## II.

An order is requested for the adoption of Supplement 4 to the National Motor Freight Classification NMF 100-R and to make such provisions applicable to the tariffs of highway common carriers and express corporations, which participate in and are listed in its Classification under authority of power of attorney. It is further requested that such authorization be concurrent with the national effective date of October 5, 1991, on one day's notice; that all common carriers be authorized and directed to establish such changes as may be prescribed in class and commodity rates and charges in connection with the transportation of exempt commodities; that common carriers be authorized to depart from Sections 460 and 461.5 of the Public Utilities Code and appropriate long and short haul provisions of the Constitution of the State of California to the extent necessary to carry into effect such changes; that all such changes be approved and adopted for application with the various tariffs; that any related revision in numbering, referencing or format in the various tariffs, incidental to such changes, be authorized and established; and for such other and further orders as may be deemed reasonable and proper.

## III.

The governing classification is periodically revised to correct technical inadvertencies and omission that have been discovered in the publication of prior supplements and in order to keep the publication responsive to the current conditions and needs of commerce in the transportation of property by highway carriers. The procedures available to shippers and carriers to initiate such revisions and to otherwise

protect their interests are known to the Commission and to such parties. Such procedures provide parties with "...fair and full opportunity for public hearings for determination of changes and revisions as required." (Decision 74310 dated June 25, 1968, and as revised and amended by Decision 87498 dated June 21, 1977). To properly reflect intended results following such processes, the National Motor Freight Traffic Association, Inc., Agent, has authorized revisions which are published in supplemental for set forth in Exhibit A. This supplement is scheduled to take effect 10-5-91 unless otherwise provided therein, for application to tariffs covering areas other than California. The purpose of this filing is to obtain the authority necessary to make such provision applicable to tariffs subject to jurisdiction of the California Public Utilities Commission and to promote the national uniformity and standardization in billing and collection practices found appropriate and desirable in the Commission's Decision 74310.

Attached hereto and by this reference made a part of this filing are the following exhibits detailing such revisions:

Exhibit A - Copy of Supplement 4 of National Motor Freight Classification NMF 100-R  
Cal PUC 35

Exhibit B - Summary of changes - Appendix to Supplement 4 to NMF 100-R

Certain changes in rates, ratings, rules, regulations or charges will result from the adoption of Supplement 4. A summary of such changes, including an explanation of the reasons for the proposed changes, is set forth in Exhibit B.

In addition to the justification of proposals set forth herein, Applicant refers to the facts and allegations set forth in Petition 401, as though reiterated herein. Said filings

set forth the broader purposes and justifications for the program of classification revisions which will be implemented by approval of this instant filing, subject to the protection restriction suggested in the aforementioned filing.

In addition, the Commission through its Executive Director, has directed that classification changes be processed under the procedure and format of General Order 109 (see letter dated June 21, 1977). This filing is made in response to such directive.

I hereby certify, under penalty of perjury, that the foregoing is true and correct.

  
JOEL D. ANDERSON, Vice President

Dated at 1251 Beacon Boulevard, West  
Sacramento, California 95691,  
this 11 day of September, 1991



NATIONAL MOTOR FREIGHT TRAFFIC ASSOCIATION, INC., AGENT  
2200 Mill Road  
Alexandria, VA 22314

California Public Utilities Commission  
Public Utilities Commission of Colorado  
Georgia Public Service Commission  
Idaho Public Utilities Commission  
Indiana Department of Revenue  
Kansas Corporation Commission  
Louisiana Public Service Commission  
Minnesota Transportation Regulation Board  
Mississippi Public Service Commission  
Missouri Division of Transportation  
Montana Public Service Commission  
Nebraska Public Service Commission  
Public Service Commission of Nevada  
New York State Department of Transportation  
North Carolina Utilities Commission  
Public Service Commission of North Dakota  
Public Utilities Commission of Ohio  
Public Utilities Commission of Oregon  
Rhode Island Division of Public Utilities  
Public Service Commission of South Carolina  
Public Service Commission of South Dakota  
Railroad Commission of Texas  
Public Service Commission of Utah  
Public Service Commission of West Virginia

Cal PUC 35  
PUC Colo 28  
GPSC 28  
IPUC 29  
IMCA TR-29  
KCC 30  
LPSC 29  
MTRB 29  
MC 29  
Div OT Mo 29  
Mont PSC 28  
NPSC 29  
PSCN 29  
DOT-NY-MT 28  
NCUC 28  
NDPSC 29  
PUCO NMF 100-R  
PUC Ore 28  
RIDPU 6  
PSCSC 31  
SDPUC 28  
RCT 31  
PSCU 32  
MC-PSC-W Va 32

National Motor Freight Traffic Association, Inc., Agent, for and on behalf of carriers party to National Motor Freight Classification 100-R, requests that your Commission accept Supplement 4 for filing on Intrastate traffic.

This Supplement proposes revisions in the list of participating carriers and changes in classes, commodity descriptions, packaging requirements and/or rules. All changes in this Supplement, except those made solely for clarification or to comply with applicable laws or orders of Regulatory Agencies, result from action taken by the National Classification Committee after public docket meetings which were advertised in advance, and at which all interested parties were afforded ample opportunity to make known their views with respect to the proposals under consideration. Those changed provisions are believed to be just and reasonable and represent the considered judgement of the National Classification Committee. They are enumerated and explained fully in the "Appendix" enclosed.

In view of the fact that the Classification is national in character, having application on intrastate traffic in forty-three states and three Canadian provinces, as well as on interstate traffic, it is desirable in the interests of uniformity and to minimize confusion in the application of its provisions, that this Supplement be accepted for filing and be permitted to become effective.

Sincerely,

NATIONAL MOTOR FREIGHT TRAFFIC  
ASSOCIATION, INC., AGENT

*Martin E. Foley*

Martin E. Foley, Issuing Officer  
National Motor Freight Classification

EXHIBIT A

(Consists of 40 pages)

SUPPLEMENT 100-4

TO

NATIONAL MOTOR FREIGHT CLASSIFICATION

NMF 100-R

**SUPPLEMENT 4  
TO  
NMF 100-R**

**ICC NMF 100-R  
FMC-F-29**

APSC 32  
AHTD 29  
Cal PUC 35  
PUC Colo 28  
Conn DOT MF 29  
GPSC 28  
IPUC 29  
MF-ILL CC 31  
IMCA TR-29

Ia DOT 29  
KCC 30  
KY DOT 30  
LPSC 29  
MDT Man 29  
MF-PSC Md 29  
MDPU No. 6  
MPSC-NMF 100-R  
MTRB 29

MC 29  
Div OT Mo 30  
Mont PSC 28  
NPSC 29  
PSCN 29  
NHDOS 29  
PUCNJ 29  
SCCNM 29  
DOT-NY-MT 28

NCUC 28  
NDPSC 29  
PUBNS 28  
PUCO-NMF 100-R  
CC Okla 29  
PUC Ore 28  
Freight Pa PUC 33  
PTCB 29  
RIDPU 6

PSCSC 31  
SOPUC 28  
TPSC 29  
RCT 31  
PSCU 32  
MF-VCC 29  
WN T 28  
MF-PSC-W Va 32  
Wyo DOT 28

(Cancels Supplement 3)  
(Supplements 2 and 4 contain all changes)

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**NATIONAL MOTOR FREIGHT TRAFFIC  
ASSOCIATION, INC., AGENT**

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**CLASSES AND RULES**

**APPLYING ON  
FREIGHT TRAFFIC COVERED BY TARIFFS  
GOVERNED BY THIS CLASSIFICATION  
AS SUCH TARIFFS MAY PROVIDE**

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**NATIONAL MOTOR  
FREIGHT CLASSIFICATION**

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**ISSUED SEPTEMBER 5, 1991**

**EFFECTIVE OCTOBER 6, 1991  
(Except as otherwise provided herein)**

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**ISSUED BY**

**MARTIN E. FOLEY, Issuing Officer  
2200 Mill Road  
Alexandria, VA 22314**

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Inquiries concerning subscriptions to this publication should be addressed to the ATA Traffic Department, 2200 Mill Road, Alexandria, VA 22314 (Subscription price per copy — \$63.55).

**LIST OF SUBJECTS IN THIS SUPPLEMENT WITH EFFECTIVE DATES OTHER THAN SHOWN ON TITLE PAGE**

SUBJECT	PAGE	SUBJECT	PAGE
Participating interstate carriers (see reference mark ⊕)	3, 4	Item 118250-A (see reference mark ■)	30
Participating intrastate carriers (see reference mark ⊕)	5-7	Item 118252-A (see reference mark ■)	30
Item 114028 (see reference mark ■)	30	Item 118253 (see reference mark ■)	30
Item 114029 (see reference mark ■)	30		

**PLAN OF CONTENTS**

*As information to the tariff user, the contents of this supplement are shown below in the order in which they appear in this supplement.*

SUBJECT	PAGE
Title page	1
List of effective dates in this supplement	2
Plan of Contents	2
Departure from terms of State Regulations (Intrastate)	2
Individual State Applications (Intrastate)	2
Participating interstate carriers	3, 4
Participating contract carriers	4
Participating intrastate carriers	5-7
Cumulative list of items and numbered packages in supplements	8
Index to articles in supplements	9-16
Rules	16-19
Classification of articles	20-35
Specifications for numbered packages	36-39
Explanation of abbreviations and reference marks	40

**AUTHORITIES FOR DEPARTURE FROM TERMS OF REGULATIONS OF STATE COMMISSIONS**

- (Issued under special permission of the Iowa Department of Transportation, File L-3566, dated June 25, 1952.)
- (Issued under special permission of the Maine Public Utilities Commission, XT-252, of July 5, 1961.)
- (Issued under special permission of the Michigan Public Service Commission, MV 960, as amended June 13, 1961.)
- (Issued on one day's notice under Missouri Division of Transportation Authority 11,775 of June 16, 1961.)
- (Issued under special authority 2013 of the Public Service Commission of Nevada of August 17, 1961.)
- (Issued under authority of Rule 5(e), New York State Department of Transportation, Circular 106.)
- (Issued under special permission of the Public Utilities Commission of Ohio T-4106 of June 15, 1961.)
- (Effective on less than statutory notice by Pennsylvania Public Utility Commission Special Permission 25775 of June 20, 1961.)
- (Issued under special permission of the South Dakota Public Utilities Commission, Authority 625.)
- (Issued under special permission of the Public Service Commission of Wisconsin, MV-4558 of June 15, 1961.)

**CALIFORNIA INTRASTATE ONLY**

Supplements 2 and 4 contain all changes.

The provisions of	NMF 100-R, Cal PUC 35 were authorized by Cal PUC Order No.	Order issued
(Supplement 9 to NMF 100-O)	10,009	April 5, 1991
Reissue NMF 100-R	10,010	May 3, 1991
Supplement 1 to NMF 100-R	10,011	May 3, 1991
Supplement 2 to NMF 100-R	10,012	May 30, 1991
Supplement 3 to NMF 100-R	10,013	July 24, 1991
Supplement 4 to NMF 100-R		

PARTICIPATING INTERSTATE CARRIERS

Refer to pages 5 to 28, inclusive, of classification and as heretofore amended, and add (except as otherwise noted) the following carriers as participants to this classification under authority of powers of attorney issued to National Motor Freight Traffic Association, Inc., Agent. The participation of each motor carrier named herein is limited, on interstate and foreign commerce, to provisions of this classification applying on the articles and commodities the carrier is authorized to transport.

Carrier "Alpha" Code	CARRIER	Certificate or Docket No. MC
	AMIY A M TRANSPORTATION, INC., Schiller Park, IL	⊗
⊗ACTB	A.C.T. TRUCK LINES, INC., New Brunswick, NJ	218820
⊗APDF	ADI TRANSPORT, Airport Distributors International, Ltd., d/b/a, Romulus, MI	185670
⊗ASNL	ALBETH SALES & LEASING, INC., Lehigh Valley, PA	171868
⊗AMCV	AM-CAN TRANSPORT SERVICE, INC., Anderson, SC	140334
[1]ASKC	ASSURED CARRIERS, INC., Erlanger, KY	205173
⊗ATBE	ATC EXPRESS, INC., Brentwood, NY	216170
⊗ATW	ATOMIC TRANSPORT INCORPORATED, Winnipeg, MB, CN	165351
⊗AXEM	AXE & ARTHUR MOTOR EXPRESS, INC., Syracuse, NY	153233
⊗BITA	B. I. TRANSPORTATION, INC., Burlington, NC	154667
⊗BWEM	BEST WAY EXPRESS, INC., Lumberton, NC	190288
⊗BIIE	BROWNIE'S SERVICE, INC., Beckley, WV	104678
⊗BSPI	BSP TRANS., INC., Londonderry, NH	136248
⊗CFID	CALIFORNIA SOUTHLAND TRANSPORTATION, Cerritos, CA	240984
⊗CIEO	CARLISLE CARRIER CORP., Carlisle, PA	223588
⊗CRTA	CARETTA TRUCKING, INC., Paramus, NJ	144122
⊗CDSJ	CERTIFIED DISTRIBUTION SERVICES, INC., Cleveland, OH	196248
⊗CFIO	CERTIFIED WAREHOUSE & TRANSFER CO., Salt Lake City, UT	163370
⊗CCCW	CHAPMAN CARTAGE CO., INC., Nashville, TN	179323
⊗CSKL	CHRIS TRUCK LINE, R. A. Christopher, Inc., d/b/a, Wichita, KS	238628
⊗CXIB	COMBINED EXPRESS, INC., Bensalem, PA	184326
⊗CPOL	COMPLETE LEASING CONCEPTS, INC., La Mirada, CA	224589
⊗CWIM	CON-WAY INTERMODAL, INC., Portland, OR	189836
[3A]CNOE	CONDOR ENTERPRISES, INC., Vancouver, WA	159041
⊗COWS	CONN WEST FREIGHT SYSTEMS, INC., Lima, OH	169490
⊗CFAS	CONSOLIDATED FREIGHTWAYS ARROWHEAD SERVICE (Division of Consolidated Freightways), Portland, OR	42487
[1]CGHT	COUGHLIN TRUCKING COMPANY, INC., Elmer, NJ	176763
⊗CRYM	COURY MOTOR FREIGHT, INC., Pine City, MN	134866
⊗CCOT	CROSS COUNTRY TRANSPORT, INC., Charlotte, NC	209118
⊗CUCN	CUSTOM CARRIER, INC., Northford, CT	154055
⊗CTBV	CUSTOM TRANSPORT, INC., Bensenville, IL	186482
⊗CYCE	CYCLONE EXPRESS, INC., St. Louis, MO	215223
[1]DBKE	DAYBREAK EXPRESS, INC., Newark, NJ	186214
[1]DLT	DEITLOFF TRANSFER, INC., Norfolk, NE	216665
⊗DSBE	DISTRIBUTION EXPRESS, Carson, CA	38536
⊗DTSB	DTS, Diversified Transfer & Storage, Inc., d/b/a, Billings, MT	215020
DTSB	DTS, Diversified Transfer & Storage, Inc., d/b/a, Billings, MT	⊗
⊗ESAT	EASTERN AMERICA TRANSPORT AND WAREHOUSING, INC., Philadelphia, PA	201119
⊗EMTN	EMPIRE TRANSFER CO., Coos Bay, OR	129732
[3A]ENEI	ENTERPRISE EXPRESS, INC., Milwaukee, WI	163774
EFSS	ENTERPRISE FREIGHT SYSTEMS, INC., South St. Paul, MN	⊗
⊗FRBW	FERBER TRUCKING, Jerry Allen Ferber, d/b/a, Spanaway, WA	243402
⊗FNFR	FINELINE FREIGHTWAYS, INC., Delton, MI	200407
[2]FEXM	FLORES EXPRESS, INC., Mt. Joy, PA	207321
⊗FSDI	FREIGHTSIDE, INC., Wisconsin Rapids, WI	186089
⊗FRMH	FREIGHTMASTERS, INC., Eagan, MN	159311
⊗GAWC	G & W CARTAGE, INCORPORATED, Chardon, OH	149595
⊗GLHT	GLENDALE CARRIERS CORP., Brooklyn, NY	150096
⊗GDEN	GOLDEN TRANSPORTATION SERVICES, INC., Kenosha, WI	235504
[3A]GCCC	GSC CARRIER CORP., Jersey City, NJ	235394
⊗HJTL	H & J TRUCK LINE, INC., Nashville, TN	34772
HAFI	HARBIN FREIGHT LINE, INC., Luyerne, AL	115930
⊗HATO	HARRINGTON TRUCKING, INC., Salt Lake City, UT	141016
⊗HCST	HENRY, C. S., TRANSFER, INC., Rocky Mount, NC	38154
HWR	HIGHWAY EXPRESS, INC., Richmond, VA	Pending
[1]HLRY	HILLERY, M. H., INC., Allston, MA	93455
⊗ICDV	INTER CITY DELIVERY, INC., Salt Lake City, UT	214488
⊗IMDC	INTERMODAL CONTAINER SERVICE, INC., Los Angeles, CA	36536
⊗JITI	J.I.T., INC., Dearborn, MI	177710
JOOS	JOHNSON'S FREIGHTLINES, Johnson's Distributorship, Inc., d/b/a, Phoenix, AZ	159401
⊗JTKE	JONA TRUCK LINE, INC., Wichita, KS	211897
⊗KCKA	KENTUCKIANA TRANSPORTATION, INC., Louisville, KY	226537
⊗KSSST	KSS TRANSPORTATION, North Brunswick, NJ	145468
KSOM	KUSTOM TRANSPORT & FORWARDING, INC., Phoenix, OR	⊗
[2]LRIE	LARS LIMITED, Amherst, NH	⊗

PARTICIPATING INTERSTATE CARRIERS — Continued

Carrier "Alpha" Code	CARRIER	Certifi- cate or Docket No. MC
ⓄLEIS	LEWIS TRUCK LINES, INC., Conway, SC	82017
LACT	LOUISVILLE AND CORYDON TRANSFER, INC., Corydon, IN	61855
ⓄMOMP	M A D S, INC., Hicksville, NY	201607
MFFV	M R S. FREIGHT FORWARDING SERVICES, INC., Alton, IL	Ⓞ
ⓄMRBS	MARVIN BROTHERS EXPRESS, INC., North Haven, CT	150378
ⓄMAUE	MAUGHAN TRANSFER, Ronan, MT	231646
ⓄMCEO	McCLELLAN TRUCK LINES, Tifton, GA	121811
ⓄMCHQ	McHENRY TRUCK LINE, INC., McHenry, IL	140283
ⓄMECA	MECCA & SON TRUCKING CORPORATION, Jersey City, NJ	37127
ⓄNMIF	MORGANTOWN INDIANAPOLIS FREIGHT LINE, INC., Indianapolis, IN	01841
ⓄMOSK	MOSKOWITZ MOTOR TRANSPORTATION, INC., Jewett City, CT	101642
ⓄNAFT	NATIONAL FREIGHT, INC., Vineland, NJ	2860
ⓄNTLO	NATIONAL MOTOR FREIGHT, National Transfer, Inc., d/b/a, Seattle, WA	102172
ⓄNFIJ	NFI, INC. OF CALIFORNIA, Vineland, NJ	159398
ⓄOKDC	OK DISTRIBUTION, INC., Kent, WA	191214
ⓄOKFF	OKLAHOMA FAST FREIGHT, INC., Ft. Smith, AR	177061
ⓄORCA	ORCAS ISLAND FREIGHT LINES, INC., Eastsound, WA	111115
ⓄPSSJ	P. S. S. TRANSPORTATION, INC., Bordenstown, NJ	191467
ⓄPKXP	PARKER'S EXPRESS, INC., Avon, MA	120547
ⓄPUZT	PETRUZZELLO TRANSPORT, INC., Woodbridge, CT	124567
ⓄPFFS	PFAFF & SON TRUCKING, Philip D. Pfaffenbach, Jr., d/b/a, Conklin, NY	234618
ⓄPHXE	PHOENIX EXPRESS, INC., Cincinnati, OH	239877
ⓄPOTT	POTTER'S EXPRESS, INC., Scotia, NY	93477
ⓄRAEI	R & E HAULING, INC., Baltimore, MD	140216
ⓄRXTP	RADEX TRANSPORTATION, Statewide Distribution Services, Inc., d/b/a, Los Angeles, CA	144882
ⓄRGIC	RIGGS, INC., Germantown, TN	154582
ⓄROMW	ROMAR TERMINAL & WAREHOUSE CO., INC., Chicago, IL	151517
ⓄRGET	RUNGE TRUCKING, Carl Runge, d/b/a, Herrin, IL	178152
ⓄSLLR	SELLS TRUCK LINE, INC., Kansas City, KS	170843
ⓄSDOT	SHADOW TRUCKING, INC., Rockford, IL	183047
ⓄSOFE	SOUTHERN FREIGHT SERVICE, INC., Hickory, NC	228492
ⓄSNET	STONE TRUCK SERVICE, Railwalker, Inc., d/b/a, Jeannette, PA	213797
ⓄTTUK	TEAM TRUCKING, Alfonso C. Rivas, Raymond Rivas and Larry Rivas, d/b/a, Chula Vista, CA	194762
ⓄTHSN	THOMPSON, INC., Quincy, IL	39443
ⓄTNDN	TNT DISTRIBUTION SERVICES, INC., McCook, IL	226867
ⓄUTL	TNT UNITED TRUCK LINES, INC., Spokane, WA	161028
ⓄWCAF	TNT WALLACE COLVILLE, INC., Spokane, WA	1924
ⓄTWME	TRANSWAYS MOTOR EXPRESS CO., INC., Perth Amboy, NJ	20490
ⓄTSXW	TRI-STATE EXPRESS, INC., Culloden, WV	154177
ⓄUSRD	U.S. ROAD FREIGHT EXPRESS, INC., Wichita, KS	239761
ⓄUITP	UNIT TRANSPORTATION, INC., Jacksonville, FL	141578
UNLD	UNLIMITED TRANSPORTATION SERVICES, Ft. Worth, TX	Ⓞ
VLCA	VALLEY CARGO, INC., Salt Lake City, UT	188636
ⓄVEXP	VENTURE EXPRESS, INC., Nashville, TN	151894
ⓄWEXC	WESTERN EXPRESS, INC., Baltimore, MD	21244
ⓄWZTL	WINTZ COMPANIES, St. Paul, MN	161107
ⓄWREH	WRENCH TRANSPORTATION SYSTEMS, INC., Linden, NJ	230227
ⓄYRTR	YELLOW ROSE TRANSPORT, INC., Newtown, PA	215565

PARTICIPATING INTERSTATE CONTRACT CARRIERS

Refer to page 28 of classification and as heretofore amended, and add (except as otherwise noted) the following contract carriers as participants to this classification under authority of powers of attorney issued to National Motor Freight Traffic Association, Inc., Agent. The participation of each contract carrier named herein is limited, on interstate and foreign commerce, to provisions of this classification applying on the articles and commodities the carrier is authorized to transport. (Note—Provisions of this classification which are based on released or agreed value are NOT applicable for account of contract carrier participants (Authority: ICC March 12, 1969 letter, BT-1032-F)).

Carrier "Alpha" Code	CARRIER	Certifi- cate or Docket No. MC
ⓄASPD	ASPEN DISTRIBUTION SERVICES, INC., Salt Lake City, UT	171392

## PARTICIPATING INTRASTATE CARRIERS

Refer to pages 29 to 101, inclusive, of classification and as heretofore amended, and add (except as otherwise noted) the following carriers as participants to this classification under authority of powers of attorney issued to National Motor Freight Traffic Association, Inc., Agent, and lawfully on file with the state commission concerned. (Departure from the terms of State Commission regulations to the extent necessary to not publish power of attorney numbers has been authorized by the state commission.) The participation of each motor carrier named herein is limited, on intrastate commerce, to provisions of this classification applying on the articles and commodities the carrier is authorized to transport.

@ Carrier  
"Alpha"  
Code

## ALABAMA CARRIERS

(Operating under jurisdiction of Alabama Public Service Commission)

HAF1 HARBIN FREIGHT LINE, INC., Luverne, AL

## CALIFORNIA CARRIERS

(Operating under jurisdiction of California Public Utilities Commission)

APYG AM PM DRAYAGE, Alfred Moreno and Pauline E. Moreno, d/b/a, Downey, CA  
 AUCN AUCTION TRANSPORT, INC., Lee's Summit, MO  
 ①BKVD BUCKO'S ADVANCED TRANSPORT, Richard J. Bergkamp, d/b/a, Colton, CA  
 ②CFHD CALIFORNIA SOUTHLAND TRANSPORTATION, La Palma, CA  
 ①CIFB CHIEF TRANSPORTATION, Bennett P. Lambert, Sandra L. Lambert, Lester L. Bean and Mary L. Bean, d/b/a, Corning, CA  
 CTPR CONTRACT TRANSPORTATION SERVICES, Bay Area Contract Transportation Services, Inc., d/b/a, Santa Clara, CA  
 ①DMXS DAMAN EXPRESS, Elaine H. Davis, d/b/a, South San Francisco, CA  
 ②DDTS DEDICATED TRANSPORT, INC., Maywood, CA  
 ②DSBE DISTRIBUTION EXPRESS, Carson, CA  
 EDSC ED'S STINGER CRANE SERVICE, Edward Lee Pittman, d/b/a, Anaheim, CA  
 EYND EVANS DEDICATED SYSTEMS, INC., Maywood, CA  
 FADB FARMERS DISTRIBUTING, St. George, UT  
 ①GCSP GC & SP TRUCKING, Newman, CA  
 GFTC GREEN FIELD TRANSPORT CO., INC., Fort Dodge, IA  
 ①GTXR GT EXPRESS, INC., Salinas, CA  
 HNF HAINES, FRED, AND COMPANY, INC., Fresno, CA  
 ①HRCF HERCULES FORWARDING, INC., Los Angeles, CA  
 HCLR HILLTOP CIRCLE L RANCH, Ballico, CA  
 HFRM HILLTOP FARMS, Gerald D. Nelson, d/b/a, Aromas, CA  
 IMDC INTERMODAL CONTAINER SERVICE, INC., Los Angeles, CA  
 ①IFSM INTRON FREIGHT SYSTEMS, INC., El Segundo, CA  
 JOJS JAJ TRUCKING, INC., Stockton, CA  
 KIRS KRIS'S TRUCK TRANSPORT, INC., Richmond, CA  
 ①MGEF MAGIC MESSENGER, INC., Costa Mesa, CA  
 ①MDES MAYS DELIVERY SERVICE, Urias R. Mays, d/b/a, Los Angeles, CA  
 MDZK MENDEZ TRUCKING, INC., Gardena, CA  
 ①NSDW NSD WAREHOUSE & DISTRIBUTION SYSTEMS, NSD Warehousing & Distribution Systems, Inc., d/b/a, Long Beach, CA  
 ①PLDI PALESTRO DISTRIBUTION CENTER, INC., Hayward, CA  
 PRAQ PRATT TRUCKING, Ellen E. Pratt, d/b/a, South Gate, CA  
 SJPR S & J TRANSPORTATION, Capistrano Beach, CA  
 SHAF SHAFFER TRUCKING, INC., New Kingstown, PA  
 ①SDVC SOUTHLAND TRANSPORTATION SERVICES, Terri Williams, d/b/a, Corona, CA  
 SOWN SOUTHWEST MOTOR FREIGHT, INC., Chattanooga, TN  
 TOEN THOMAS, LEE, AND SONS, Los Angeles, CA  
 TGHF TIGHE DRAYAGE COMPANY, Veronica Turri, d/b/a, San Francisco, CA  
 TWGI TOTAL WAREHOUSING, INC., Knight Transportation, Inc., d/b/a, Phoenix, AZ  
 TACD TRAMMELL CROW DISTRIBUTION CORP. OF LOS ANGELES, Los Angeles, CA  
 TEXTS TS EXPRESS, INC., Riverside, CA  
 TUNG TUNGSTEN TRUCKING, Lodi, CA  
 ①UMSS ULTIMATE MESSENGER SERVICE, Berube California, Inc., d/b/a, Spring Valley, CA  
 UITP UNIT TRANSPORTATION, INC., Jacksonville, FL

## COLORADO CARRIERS

(Operating under jurisdiction of Public Utilities Commission of Colorado)

CZCR CZCOURIER, LTD., Denver, CO  
 NAVE NAVAJO EXPRESS, INC., Commerce City, CO  
 SWLR SHOWALTER INCORPORATED, Swink, CO  
 ①SIKG SPARLIN TRUCKING, Robert J. Sparlin, d/b/a, Montrose, CO  
 WYXP WESTWAY EXPRESS, INC., Albuquerque, NM

PARTICIPATING INTRASTATE CARRIERS — Continued

Carrier  
"Alpha"  
Code

GEORGIA CARRIERS

(Operating under jurisdiction of Georgia Public Service Commission)

ANY TIME SERVICE CO., INC., East Point, GA  
LI-WAY TRANSFER & STORAGE, INC., Lithonia, GA

ILLINOIS CARRIERS

(Operating under jurisdiction of Illinois Commerce Commission)

AGKN A N G. TRUCKING, Angelo L. Valdes, R, d/b/a, Hanover Park, IL  
 AFRD ACORN DELIVERY SERVICE, INC., Westchester, IL  
 AGUL AGRICULTURAL TRANSPORTATION ASSOCIATION OF ILLINOIS, Springfield, IL  
 APVC AIR-LAND TRANSPORT SERVICE, INC., Morton, IL  
 ALZS ALLIED SYSTEMS, LTD., Decatur, GA  
 AMOM AMATO MOTORS, INC., Northlake, IL  
 AGVC ATTENTION MESSENGER SERVICE, INC., Chicago, IL  
 BMXO BAKER MOTOR EXPRESS, INC., Downers Grove, IL  
 BSHF BISHOP MAIL SERVICE, INC., Palos Park, IL  
 BSSF BORN'S TRANSFER, LTD., Oak Forest, IL  
 CCGI CAMELOT CARTAGE, INC., Skokie, IL  
 COUR CHAMBERLAIN, DURRELL B., Pleasant Hill, IL  
 CURW CURTIS, WILLIAM, & SON TRANSFER & STORAGE, Thomas D. Oberline, d/b/a, Taylorville, IL  
 CYDP CYCLE DISPATCH AND DELIVERY, INC., Elk Grove Village, IL  
 DVBI DAVIS BANCORP, INCORPORATED, Chicago, IL  
 DEAE DEADLINE EXPRESS, JRED Enterprises, Inc., d/b/a, Chicago, IL  
 DVYN DELIVERY ONE, INC., Springfield, IL  
 DIFR DI FRANCO CARTAGE, Charles N. DiFranco, d/b/a, Bloomingdale, IL  
 DUTF DURST TRUCKING SERVICE, Larry W. Durst, d/b/a, Low Point, IL  
 EDNE EDENS EXPRESS, INC., Chicago, IL  
 FAUT FAULL TRANSFER & STORAGE CO., Robert W. Faull, d/b/a, Galesburg, IL  
 FWOL FLANAGAN-WHITE DELIVERY, INC., St. Louis, MO  
 FCUS FOCUS TRANSPORTATION SERVICES, INC., Downers Grove, IL  
 FGNM FREIGHT N MORE, Buffalo Grove, IL  
 FYSC FURRY SONS CORPORATION, Lerna, IL  
 GDRT GANDER TRUCKING, INC., McCook, IL  
 GDMK GOLDMAN TRUCKING, INC., Somonauk, IL  
 GRIL GRAMMER INDUSTRIES, INC., Grammer, IN  
 HCCN HANCOCK TRUCKING, INC., Morton, IL  
 HRBN HERDER BROS., INC., Frankfort, IL  
 HOVR HOYER TRUCKING CO., South Bend, IN  
 LLC ILLIANA TRANSPORT, INC., Hickory Hills, IL  
 JFMS JEFFERY'S MOTOR SERVICE, Jeffery A. Zardt, d/b/a, Naperville, IL  
 KRZO KARZEN, I., TRUCKING CO., Chicago, IL  
 KOLT KOLNIK TRUCKING, INC., Darien, WI  
 LSWO LEASEWAY TRUCKING, INC., Downers Grove, IL  
 LPAR LOGISTICS PARTNERS COMPANY, Downers Grove, IL  
 LORS LORSBACH TRUCKING, INC., Granite City, IL  
 CLTG LTL MESSENGER SERVICE, Big Air Freight Company, d/b/a, Chicago, IL  
 MNMM M & M MOTOR SERVICE, INC., Aurora, IL  
 MKGI MOORE TRUCKING SERVICE, Kenneth F. Moore, d/b/a, Monmouth, IL  
 MYR MULVAHEY, ROGER L., Peoria, IL  
 MUR McCURRIE, Richard McCurrie Teaming Company, d/b/a, Chicago, IL  
 OFDC OLSON, FRED, CO., INC., Milwaukee, WI  
 ONTV ON TIME MESSENGER SERVICE, INC., Elk Grove Village, IL  
 PMOV PEACOCK RELOCATION SYSTEMS, INC., Carol Stream, IL  
 PMPO POMPILIO TRUCKING, Peter Pompilio, d/b/a, Barrington, IL  
 PFYR PREFERRED DELIVERY SERVICE, INC., Medinah, IL  
 QUKD QUICK DELIVERY, INC., Melrose Park, IL  
 RRFM RIDDLE & RIDDLE FARMS, INC., Weldon, IL  
 SHHG S. AND H. TRUCKING CO., INC., Greenview, IL  
 SKMI SCHICK MOVERS, INC., Davenport, IA  
 SPJM SPECIALE, J., MOTOR SERVICE, Joe Speciale, d/b/a, Stone Park, IL  
 SPTB SPRAGUE TRUCK SERVICE, Marie Sprague Weis, d/b/a, Belleview, IL  
 TSYB TR SYSTEMS, Schaumburg, IL  
 TSEI TRANSERVICE LEASE CORP., Des Plaines, IL  
 TKRO TUCKER TRUCKING, INC., Arminington, IL  
 TWKI 2M TRUCKING, INC., Rockford, IL  
 UTSY UNITED TRANSPORTATION SYSTEMS, INC., Chicago Heights, IL  
 VSTP V & S TRANSPORT, INC., Crystal Lake, IL  
 VGTI VEGTER, H. F., EXCAVATING CO., Addison, IL  
 VSOS VINTER SPEEDY DELIVERY SERVICE, INC., Roselle, IL  
 ZBES Z-BESTA MESSENGER, INC., Hanover Park, IL



**PARTICIPATING INTRASTATE CARRIERS — Continued**

Carrier  
"Alpha"  
Code

**INDIANA CARRIERS**

(Operating under jurisdiction of Indiana Department of Revenue)

ALVN ALVAN MOTOR FREIGHT, INC., Kalamazoo, MI  
CHTL CHURCHILL TRUCK LINES, INC., Chillicothe, MO  
HKSJ HOCKERSMITH & SONS, INC., Richmond, IN

**KENTUCKY CARRIERS**

(Operating under jurisdiction of Kentucky Department of Transportation)

HMES TNT HOLLAND MOTOR EXPRESS, INC., Holland, MI

**MASSACHUSETTS CARRIERS**

(Operating under jurisdiction of Massachusetts Department of Public Utilities)

CLNK COLONIAL TRUCKING, INC., Allston, MA  
EWEL EWELL, HERMAN R., INC., East Earl, PA  
LIET LIEDTKA TRUCKING, INC., Trenton, NJ  
SYNG SEVERANCE TRUCKING CO., INC., Woburn, MA  
STEA STEARNS EXPRESS, INC., Whitman, MA

**NEW YORK CARRIERS**

(Operating under jurisdiction of New York State Department of Transportation)

MYHD MACY'S LIGHT DELIVERY, INC., Waterford, NY  
POTT POTTER'S EXPRESS, INC., Scotia, NY

**NORTH CAROLINA CARRIERS**

(Operating under jurisdiction of North Carolina Utilities Commission)

HGST HENRY, C. S., TRANSFER, INC., Rocky Mount, NC

**OHIO CARRIERS**

(Operating under jurisdiction of Public Utilities Commission of Ohio)

GAWC G & W CARTAGE, INCORPORATED, Chardon, OH

**PENNSYLVANIA CARRIERS**

(Operating under jurisdiction of Pennsylvania Public Utility Commission)

FEXM FLORES EXPRESS, INC., Mt. Joy, PA

**TENNESSEE CARRIERS**

(Operating under jurisdiction of Tennessee Public Service Commission)

HMES TNT HOLLAND MOTOR EXPRESS, INC., Holland, MI

**UTAH CARRIERS**

(Operating under jurisdiction of Public Service Commission of Utah)

CFIQ CERTIFIED TRANSFER COMPANY, Salt Lake City, UT  
FADB FARMERS DISTRIBUTING, St. George, UT

**WISCONSIN CARRIERS**

ENEI ENTERPRISE EXPRESS, INC., Milwaukee, WI

**CUMULATIVE LIST OF ITEMS AND NUMBERED PACKAGES IN SUPPLEMENTS**

*Items and numbered packages in the original classification which have been amended in this supplement and previous supplements and new provisions which have been added in this supplement and previous supplements are shown below.*

ITEM	SUP	ITEM	SUP	ITEM	SUP	ITEM	SUP	ITEM	SUP	ITEM	SUP
172-A	2	18630-A	4	50228-A	4	86731-A	4	*123391	4	149995-A	4
291-A	4	18632-C	4	50275-A	4	86736-A	4	123400-A	4	149997-A	4
297-A	4	18634-A	4	50285-A	4	86737-A	4	*123410	4	150180-A	4
2082-A	2	18636-C	4	50420-A	4	93410-A	4	*123411	4	150182-A	4
2084-A	2	19097-A	2	50421-C	4	93500-A	2	123420-A	4	A150220	4
3020-A	2	19220-A	4	54000-A	4	94353-A	4	123422-A	4	A150290	4
3040-A	2	19350-A	4	55200-A	4	*100610	4	123440-A	4	A153330	2
3050-A	2	19410-A	4	55240-A	4	*100750	4	123460-A	4	153420-A	2
*3051	2	19411-A	4	*59230	4	101210-A	4	*123470	4	156200-A	4
*3052	2	19420-A	4	*59415	4	101430-A	4	123480-A	4	157230-B	4
*3053	2	19430-A	4	60000-A	4	101432-A	4	123500-A	4	157232-B	4
*3054	2	20200-A	2	60002-A	4	103028-C	4	*123510	4	157234-B	4
*3055	2	20640-A	2	60004-A	4	103300-A	4	*123511	4	157235-A	4
*3056	2	20642-A	2	*61268	4	103302-C	4	123520-A	4	*157236	4
*3057	2	20644-A	2	62590-A	4	103304-C	4	123540-A	4	157237-A	4
*3058	2	21970-A	2	*63370	4	103305-A	4	123560-A	4	*157460	2
*3059	2	*21971	2	*63371	4	105980-A	2	*123600	4	A157461	2
3070-A	2	25720-A	4	64300-A	4	108320-A	2	*123601	4	157464-A	2
3080-A	2	25722-A	4	64301-A	4	108322-A	2	123620-A	4	157465-A	2
4030-A	2	25760-A	4	64302-A	4	108650-A	4	123640-A	4	162920-A	4
4040-A	2	25800-A	4	*65760	4	109020-A	2	123642-A	4	169280-A	2
4060-A	2	25802-A	4	*65761	4	109040-A	2	123644-A	4	171880-B	4
4080-A	2	25804-A	4	70050-A	4	109042-A	2	*123650	4	171882-A	4
4100-A	2	25806-A	4	72502-A	4	111050-A	4	123660-A	4	171884-A	4
4120-A	2	27820-A	2	72910-A	2	*114028	4	123662-A	4	A172670	4
4140-A	2	*27850	2	72912-A	2	*114029	4	123665-A	4	A172671	4
4150-A	2	29000-A	4	72914-A	2	114840-A	4	123666-A	4	A172672	4
4160-A	2	29393-A	4	72916-A	2	114850-A	4	123670-A	4	174200-A	2
4180-A	2	29394-B	4	72917-A	2	114852-A	4	123672-A	4	175900-A	2
4200-A	2	*29396	4	72918-A	2	114870-A	4	123680-A	4	175902-A	2
4220-A	2	29460-A	4	72932-A	4	114880-A	4	123685-A	4	A175903	2
4250-A	2	30880-A	4	73227-A	4	115620-A	4	123686-A	4	176760-A	4
4280-A	2	34340-A	4	73228-A	4	117000-A	4	123750-A	4	177080-A	4
4300-A	2	*35080	4	73229-A	4	117002-A	4	123752-A	4	*177081	4
4320-A	2	35350-A	2	73230-A	4	117850-A	4	123755-A	4	180630-A	4
4340-A	2	35352-A	2	73231-A	4	117851-B	4	125850-A	4	180650-A	4
4360-A	2	35500-A	2	73232-A	4	118100-A	4	125851-C	4	183080-A	2
4440-A	2	35810-A	4	73233-A	4	118250-A	4	125852-C	4	183550-A	4
4480-A	2	35812-C	4	73234-A	4	118252-A	4	*125853	4	*183551	4
4500-A	2	35814-C	4	73235-A	4	*118253	4	126810-A	2	186140-A	4
4540-A	2	39360-A	4	73236-A	4	122065-A	4	126820-A	2	186870-A	4
4620-A	2	39370-A	4	74020-A	4	122500-A	2	126840-A	2	186900-B	4
4622-A	2	39374-C	4	74030-A	4	122502-A	2	126860-A	2	186902-C	4
4624-A	2	39376-C	4	74032-B	4	123200-A	4	126880-A	2	186903-B	4
4626-A	2	39378-C	4	74280-A	2	123220-A	4	126882-A	2	187220-A	4
6040-A	4	41250-A	4	74840-A	4	*123230	4	126900-A	2	187290-A	4
6041-A	4	*47165	2	74880-A	2	123240-A	4	126932-A	2	187950-A	4
6042-A	4	47530-A	4	74881-A	2	123260-A	4	129520-A	4	188280-A	2
*9625	4	48760-A	4	74882-A	2	*123270	4	129522-A	4	193620-A	4
11320-A	4	48770-A	4	79022-A	4	*123271	4	129980-A	4	*195920	4
11330-A	4	48772-A	4	79024-A	4	*123275	4	129982-A	4	*195925	4
12520-A	4	48970-A	2	79027-B	4	*123276	4	131550-A	4		
13120-A	4	48980-A	2	79028-A	4	123280-A	4	131552-A	4		
*13121	4	49010-A	2	79550-B	4	*123290	4	131554-A	4		
13122-A	4	49510-A	4	79552-B	4	123300-A	4	132060-A	4	1012	4
13123-A	4	49520-A	4	79553-B	4	123302-A	4	132062-A	4	1022	2
13124-A	4	*49615	2	79554-B	4	*123310	4	132080-A	4	1254	2
*17056	4	49880-A	4	*79555	4	*123315	4	*132660	2	2264	4
17330-A	2	49882-A	4	80082-A	4	*123316	4	134340-A	4	2495	4
17335-A	2	49883-A	4	80120-A	4	*123317	4	139580-A	4	2496	2
17760-A	4	49884-A	4	82130-A	4	123320-A	4	141000-A	4	2497	4
17762-B	4	50155-A	4	82132-A	4	*123325	4	141020-A	4	2498	4
*17763	4	50157-B	4	82136-A	4	*123326	4	141520-A	4	2499	4
18262-A	2	50205-A	4	86700-A	4	*123340	4	145660-A	4	2F	4
18300-A	4	50210-A	4	86720-A	4	123380-A	4	148960-A	4	108F	4
18496-A	4	50215-A	4	86730-A	4	*123390	4	149380-A	4	146F	4
18497-B	4	50227-A	4								

PACKAGES	SUP
1012	4
1022	2
1254	2
2264	4
2495	4
2496	2
2497	4
2498	4
2499	4
2F	4
108F	4
146F	4

INDEX TO ARTICLES

ARTICLE	Item	ARTICLE	Item	ARTICLE	Item
<b>A</b>					
Accumulators:		④ Ammunition:		Bagging (Cont'd.):	
④ Gas	123230	④ Explosive	64300, 137300	④ Isile, NOI	49010
④ Liquid	123230	④ Gas producing	64300	④ Isile, decorated, dyed, printed or surface coated	48970
④ Adhesive Increasing, Reducing, Removing, Thickening or Thinning Compounds	149980	④ Incendiary	64300	④ Isile, dyed one color	48980
Aerators:		④ Small arms	64300	④ Isile (Isile), decorated, dyed, printed or surface coated	48970
④ Cream	117380, v117500	④ Smoke producing	64300	④ Isile (Isile), dyed not more than one color	48980
④ Cream or milk	117380, v117500	④ Tear producing	64300	④ Isile (Isile), NOI	49010
④ Milk	117380, v117500	④ Ammunition, emergency, military impedimenta	137300	④ Isile, NOI	49010
④ Turf	132260	④ Ammunition, explosive or incendiary; gas, smoke or tear producing, or small arms	64300	④ Jute, dyed one color	48980
④ Turf, self-propelled	132260	Anchors:		④ Jute, dyed not more than one color	48980
④ Water or liquid, floating, with flotation devices	114028	④ Bolt	93410	④ Sisal, dyed one color	48980
④ Agent, stabilizing	178130	④ Bolt, concrete, expansion; iron or steel	94353	④ Sisal, dyed not more than one color	48980
④ Agent, stabilizing, roadway sub-soil	178130	④ Bolt, expansion, metal, NOI	93410	Bags:	
④ Agents:		④ Concrete, expansion; iron or steel, consisting of bolt or rod and anchor	94353	④ Isile, NOI	20640
④ Air entraining, saponified waste resin compound	33600	④ Concrete; iron or steel, consisting of bolt or rod and anchor	94353	④ Isile (Isile), NOI	20640
④ Blasting	64300	Assemblies:		④ Isile, NOI	20640
④ Etiologic	6040	④ Automobile cowl top, hinge pillar, lower back, quarter panel or quarter and side panel, steel	19097	④ Pipe	105980
④ Heat transfer, NOI	45970	④ Cowl top, automobile	19097	④ Barium-borate Compound	149980
④ Proprietary electroplating additive	50420	④ Cowl top, automobile, steel	19097	Bar(s):	
④ Agents, air entraining	33600	④ Hinge pillar automobile	19097	④ Grate, boiler	v25720, v25760
④ Agents, etiologic	6040	④ Lower back, automobile	19097	④ Barricades, crash protection or safety, vehicle mounting	21970
④ Agents, heat transfer	45970	④ Lower back, automobile, steel	19097	Barrows:	
④ Agents, proprietary electroplating additive	50420	④ Quarter and side panel, automobile	19097	④ Concrete	v122500, 188930
Agitators:		④ Quarter panel, automobile	19097	④ Concrete, hand, steel	188930
④ Brine	123240, v123560	④ Quarter panel or quarter and side panel, automobile, steel	19097	Base(s):	
④ Flour aging machine	116620, v116870, v117000	④ Side panel and quarter, auto	19097	④ Fluorescent electric lamp	109020
④ Flour aging or bleaching machine	116620, v116870	④ Side and quarter panel, automobile, steel	19097	④ Fluorescent electric lamp (bulb or tube)	109020
④ Flour bleaching machine	116620, v116870, v117000	④ Tractor-grader power control	v122500, 131900	④ Incandescent electric lamp	109040
④ Air Cleaners:		④ Assembly, tractor-grader power control	131900	④ Incandescent electric lamp (bulb), metal	109040
④ Electrostatic or mechanical, without blowers or fans	114090	Attachments:		Basins:	
④ Internal combustion engine or air compressor, metal	119385	④ Bulldozer	122040	④ Thaw, ice can	123400, v123560
④ Other than portable, with blowers or fans	114110	④ Attenuators	123260, v123560	Beards:	
④ Air Cleaners and Blowers or Fans combined	v53300, v98550, 114110	Backs:		④ Masquerade costume	23060
④ Air Conditioners, NOI	114125, 114126	④ Seat, bus passenger, finished	172670	④ Toy	23060
④ Air Conditioners or Air Coolers, NOI, other than water evaporative type; with compressors	114125	④ Seat, vehicle	19350, 192670, 192680	④ Beards, masquerade costume or toy	23060
④ Air Conditioners or Air Coolers, NOI, other than water evaporative type; without compressors	114126	④ Seat, vehicle, iron or steel, sheet, unfinished	192670	Bearings:	
④ Air Coolers, NOI	118240	④ Seat, vehicle, wooden, in the white	192680	④ Ball	114820
④ Air Coolers, water evaporative type	114130	Baffles and headers combined, boiler	25630	④ Ball, NOI	114820
④ Air Coolers, water evaporative type, with blowers or fans	114130	④ Baffles and Headers combined, boiler, iron or steel	25630	④ Car bolster plate	165310
④ Air Coolers and Blowers or Fans combined	v53300, v98550	Bagging:		④ Car journal	165330
④ Air Ends	118097, 118100	④ Burlap, dyed one color	48980	④ NOI	114840
④ Air Ends, NOI	118100	④ Burlap, dyed not more than one color	48980	④ NOI, other than ball or roller; iron or steel	114850
④ Air Ends, rotary screw compressor, used, NOI	118097	④ Gunny, dyed one color	48980	④ NOI, other than ball or roller; metal, other than iron or steel	114870
④ Air Handlers, NOI	114126	④ Gunny, dyed not more than one color	48980	④ Railway car bolster plate	165310
④ Air Handlers, NOI, without compressors	114126	④ Isile, decorated, dyed, printed or surface coated	48970	④ Railway car journal, other than ball or roller	165330
④ Alarms, water motor	12520	④ Isile, dyed one color	48980	④ Roller	v10500, v11620, 114820
④ Aluminum Articles, NOI	13120, v169440			④ Roller, NOI	v10500, v11620, 114820

INDEX TO ARTICLES

ARTICLE	Item	ARTICLE	Item	ARTICLE	Item
Blades:		Cabinets:		Coils (Cont'd.):	
Ⓢ Road grader	v122500	Ⓢ Loudspeaker	39245, 39342, 39350	Ⓢ Cream ripening	117400, v117500
Ⓢ Blasting Agents	64300	Ⓢ Can Openers, electric	61268	Ⓢ Field, generator	61980
Blinds:		Ⓢ Can Openers, hand operated	100610	Ⓢ Field, generator or motor	61980
Ⓢ Venetian	174200	Cans:		Ⓢ Field, motor	61980
Ⓢ Venetian, including Mini-Minds	174200	Ⓢ Ice	123280, v123560	Ⓢ Colloid Cotton	141020
Boilers:		Carriers:		Compound(s):	
Ⓢ Heating	25740, v25760, 25780, v25800	Ⓢ Ice cream	41250	Ⓢ Adhesive increasing, reducing, removing, thickening or thinning	149980
Ⓢ Heating, cast iron	25740	Carts:		Ⓢ Bottlers' flavoring	12910
Ⓢ Heating, iron, NOI	25780	Ⓢ Dump	v125680	Ⓢ Bottlers' flavoring, NOI	12910
Ⓢ Power, cast iron	25740	Carts:		Ⓢ Flax straw softening	60210
Ⓢ Power, iron, NOI	25780	Ⓢ Concrete	v122500, 188930	Ⓢ Gum increasing, reducing, removing, thickening or thinning	149980
Ⓢ Power, NOI	25780	Ⓢ Concrete, hand, steel	188930	Ⓢ Gum removing	60100
Ⓢ Range, steel	v25800	Ⓢ Dump	v122500, 189040	Ⓢ Gum removing, internal combustion engine, NOI	50100
Ⓢ Bolt Shields or Anchors, concrete, expansion; iron or steel	94353	Ⓢ Dump, weighing each 5,000 pounds or over	189040	Ⓢ Hectograph	60205
Ⓢ Bolt Shields or Anchors, expansion, metal, NOI	94310	Casing(s):		Ⓢ Hemp straw softening	60210
Bolts:		Ⓢ Boiler	25560, 25570, v25720, v25760	Ⓢ Hide gelatine setting	60215
Ⓢ Boiler, iron or steel	v25720, v25760	Ⓢ Boiler, iron or steel, KD	25570	Ⓢ Increasing, paint, lacquer, varnish, gum, resin or plastic	149980
Ⓢ Bookends, cast iron	27850	Ⓢ Boiler, iron or steel, SU	25560	Ⓢ Lacquer increasing, reducing, removing, thickening or thinning	149980
Boots:		Chairs:		Ⓢ Milk	74000
Ⓢ Elevator	v117000, 120560	Ⓢ Freight automobile	19430	Ⓢ Milk (Desert Toppings), acrated	74000
Ⓢ Elevator, iron or steel	120560	Ⓢ Booster, infant	81565	Ⓢ Milk, soybean	74840
Boxes:		Ⓢ Booster, infant, metal or wood	81565	Ⓢ Paint increasing, reducing, removing, thickening or thinning	149980
Ⓢ Banana shipping	29000	Ⓢ Infant, booster, metal or wood	81565	Ⓢ Plastic increasing, reducing, removing, thickening or thinning	149980
Ⓢ Cooling, hand portable	53005, 53008, 157455, 157460	Ⓢ Truck	19430	Ⓢ Reducing, paint, lacquer, varnish, gum, resin or plastic	149980
Ⓢ Letter, aluminum and steel	29393	Ⓢ Van	19430	Ⓢ Refrigerating	50275, 60280
Ⓢ Letter, aluminum and steel, gang type	29393	Cleaner(s):		Ⓢ Refrigerating, containing not less than 85 percent water	60280
Ⓢ Letter, alloy of aluminum and steel, other than gang type	29393	Ⓢ Swimming pool, automatic	117850	Ⓢ Removing, paint, lacquer, varnish, gum, resin or plastic	149980
Ⓢ Letter, iron or sheet steel	29393, v51740	Ⓢ Vacuum, household	v129900, 188280	Ⓢ Resin increasing, reducing, removing, thickening or thinning	149980
Ⓢ Letter, iron or steel	29393	Ⓢ Vacuum, household, NOI	v129900, 132660	Ⓢ Rock salt, anti-caking	50285
Ⓢ Letter, paper and wood combined	142085	Ⓢ Vacuum, swimming pool, automatic	117850	Ⓢ Thickening, paint, lacquer, varnish, gum, resin or plastic	149980
Ⓢ Letter, paper or pulpboard	142085	Clippers:		Ⓢ Thinning, paint, lacquer, varnish, gum, resin, plastic or adhesive	149980
Ⓢ Letter, paper, pulpboard or paper or pulpboard and wood combined	142085	Ⓢ Out	116670, v116870, v117000	Ⓢ Varnish increasing, reducing, removing, thickening or thinning	149980
Ⓢ Letter, pulpboard and wood combined	142085	Ⓢ Out or rice	116670, v116870	Ⓢ Compressor Units, rotary screw compressor, used, NOI	118097
Ⓢ Letter, sheet steel	v51740	Ⓢ Rice	116670, v116870, v117000	Compressors:	
Ⓢ Milk, doorstep	29460	Closets:		Ⓢ Air	18445, 118100
Ⓢ Postal, alloy of aluminum and steel, other than gang type	29393	Ⓢ Garbage, iron, cast or sheet	48760	Ⓢ Air, freight automobile air brake system, iron or steel	18445
Ⓢ Postal, aluminum and steel, gang type	29393	Ⓢ Garbage, NOI	48770	Ⓢ Air, NOI	118100
Ⓢ Postal, iron or sheet steel	29393, v51740	Ⓢ Garbage, sheet iron	48770	Ⓢ Air conditioning	123300
Ⓢ Postal, iron or steel	29393	Ⓢ Garbage, underground type	48770	Ⓢ Air conditioning, NOI	123270
Ⓢ Postal, mail collection	160810	Cloth(s):		Ⓢ Air conditioning, used	123275
Ⓢ Postal, mail collection, iron or steel, cast or cast and sheet combined, SU	160810	Ⓢ Brattice	49095	Ⓢ Gas, NOI	v123560
Ⓢ Postal, sheet steel	29393, v51740	Ⓢ Brattice, burlap or cotton, fireproofed	49095	Ⓢ Gas, used	123665
Ⓢ Scale beam	129105, v129520	Ⓢ Burlap	49010, 49095	Ⓢ Liquid, NOI	v123560
Ⓢ Scale beam, steel or wood	129105	Ⓢ Burlap, NOI	49010	Ⓢ Liquid, used	123665
Ⓢ Bronzing Liquids	149980	Ⓢ Istle, decorated, dyed, printed or surface coated	48970	Ⓢ Refrigeration	123300
Brush(es):		Ⓢ Istle, dyed not more than one color	48980	Ⓢ Refrigeration, NOI	123270
Ⓢ Wire, boiler	v25720, v25760	Ⓢ Istle, NOI	49010	Ⓢ Refrigeration, used	123275
Buckets:		Ⓢ Istle, decorated, dyed, printed or surface coated	48970		
Ⓢ Elevator	v117000, 120580, 120600	Ⓢ Istle (Istle), decorated, dyed, printed or surface coated	48970		
Ⓢ Elevator, iron or steel	120580	Ⓢ Istle (Istle), dyed not more than one color	48980		
Ⓢ Elevator, metal, NOI	120600	Ⓢ Istle (Istle), NOI	49010		
Buds:		Ⓢ Istle, NOI	49010		
Ⓢ Palm	111050	Coils:			
Ⓢ Palmello	111050	Ⓢ Cooling, steel, and cooling or freezing machines combined	123325		
		Ⓢ Cream pasteurizing	117400, v117500		
		Ⓢ Cream ripening or pasteurizing, copper, mounted on steel pipe	117400, v117500		

INDEX TO ARTICLES

ARTICLE	Item	ARTICLE	Item	ARTICLE	Item
Concrete Anchors, iron or steel, consisting of bolt or rod and anchor	94353	Cushions (Cont'd.):		Evaporators (Cont'd.):	
Concrete Anchors or Concrete Bolt Shields or Anchors, expansion, iron or steel	94353	Safety, vehicle mounting	21970	Refrigerator, NOI	123410
Condensers:		Seat, automobile	18300	Steel, refrigeration, and cooling machines combined	123660
Gas, iron or steel, without fins, shell or pipe type	123290	Seat, bus passenger	19350	Steel, refrigeration, and freezing machines combined	123660
Gas, refrigeration	123320, v123560	Seat, bus passenger, finished	172670	Exchangers:	
Liquid	123320, v123560	Vehicle body, automobile	18300	Gas	123320, v123560
Liquid, iron or steel, without fins, shell or pipe type	123290	Cuspidors, NOI	55240	Gas, iron or steel, without fins, shell or pipe type	123290
Steam	v125680	Cutters:		Heat, air	118240
Conveyors:		Bolt, hand, other than power	169900	Heat, air, gas or liquid, NOI	118240
Machinery	v117000, v125680			Heat, gas	118240
Mining, ore milling or smelting machinery	v125680	<b>D</b>		Heat, liquid	118240
Cookware, household, NOI, aluminum, other than cast	100750	Dashboards (Dashes), automobile, steel	19097	Liquid	123320, v123560
Coolers:		Dashes, automobile	19097	Liquid, iron or steel, without fins, shell or pipe type	123290
Air	114125, 114126, 114130, 118240	Degerminators, corn	116690, v116870	Exhaust Systems, internal combustion engine	125850
Air and blowers combined	v53300, v98550, 114130	Deodorizer, refrigerator air	169280	Explosive(s):	
Air and fans combined	v53300, v98550, 114130	Detonators, automobile crash protection air bag deploying	18496	NOI	64300
Air, and blowers or fans combined	v53300, v98550	Detonators, crash protection air bag deploying	18496	Explosives, NOI	64300
Air, NOI	118240	Dioxide:		Extensions:	
Air, NOI, other than water evaporative type; with compressors	114125	Titanium	42865, 183080	Tail pipe, automobile	19220
Air, NOI, other than water evaporative type; without compressors	114126	Titanium, NOI	47165	Tail pipe, automobile, steel, copper plate orterne plate	125850
Air, water evaporative type, with blowers or fans	114130	Titanium, ultra fine powder	42865	Extractors:	
Beverage, hand portable, expanded plastic or rubber, containing refrigerant, density 5 pounds or greater per cubic foot	157460	Discs:		Pipe	186900
Brine	123320, v123560	Road grader	122060	Pipe or screw, hand, other than power	186900
Brine, iron or steel, shell or pipe type	123290	Distillers, gas or liquid	123230	Screw	186900
Gas	118240	Doors:		<b>F</b>	
Gas, NOI	118240	Boiler	25590, v25120, v25160	Filler(s):	
Liquid	118240	Boiler, iron or steel	25590	Ice can	123560, v123560
Liquid, NOI	118240	Doors and screens combined	37030	Vacuum bottle	88660
Meal, cereal milling	116820, v116870	Driers:		Vacuum bottle, jar or jug, glass, insulated, not jacketed	88660
Water	53190, 123320, v123560	Meal	116830, v116870	Vacuum jar	88660
Water, NOI, with plastic or metal walls, insulated	53190	Drill(s):		Vacuum jug	88660
Water, iron or steel, shell or pipe type	123290	Hand	186900	Filters:	
Covers:		Hand, NOI, other than power	186900	Steel	v123560
Ice can, scoopen	v123560	Star, hand	186900	Fireproofing Compounds	50155
Cranes:		Star, hand, other than power	186900	Fittings:	
NOI	118900, v125680	Drums:		Gas tank filler pipe, automobile	19220
Crushers:		Rice	116960	Gas tank filler pipe, automobile, steel, copper plate orterne plate	125850
Stone	119030, v125680	Scarifier, iron or steel, without cutting teeth	122065	Flags:	
Cultivators:		Dumps, ice can	123400, v123560	NOI	70050
Machinery	v122500	Dusters, bran	116640, v116870	Flags or Flag Sets	70050
Curtains:		<b>E</b>		Flame Retardants	50155
Automobile	v18300, 18480	Earthenware, common brown	47530	Flavoring Compounds, NOI	72910
Automobile, imitation leather, NOI	18480	Edge(s):		Flavors, imitation	72910
Steel and artificial leather combined	55200	Cutting, road grader	v122500	Flavors, imitation, NOI	72910
Cushions:		Edging:		Food:	
Automobile seat	v18300	Oilecloth	49510	Milk	74020, 74030
Crash protection, vehicle mounting	21970	Ends:		Milk, liquid	74020
		Book	27820, 93500	Milk, other than malted milk, other than liquid	74030
		Engines:		Foot Walks, aluminum	13490
		Traction	v122500	Foot Walks, structural, iron or steel	105300
		Equalizers:		Formula, infant:	
		Gas	123320, v123560	Milk food, liquid	74020
		Gas, iron or steel, without fins, shell or pipe type	123290	Milk food, other than malted milk, other than liquid	74030
		Liquid	123320, v123560	Soybean milk compound	74840
		Liquid, iron or steel, without fins, shell or pipe type	123290	Frames:	
		Evaporator-liners, freezer	123420, v123560	Foundation, scale	129120, v129520
		Evaporator-liners, refrigerator or freezer, SU	123390	Foundation, scale, steel	129120
		Evaporator-liners, refrigerator	123420, v123560	Group, ice can	123440, v123560
		Evaporators:		Ice tank	v123560
		Refrigeration, steel, and cooling or freezing machines combined	123325		

For explanation of abbreviations and reference marks, see last page of this supplement.

INDEX TO ARTICLES

ARTICLE	Item	ARTICLE	Item	ARTICLE	Item
<b>Frames (Cont'd.):</b>		ⓐ Huller, Heater, Polisher and Temperer combined, grain	116790, v116870	<b>Lifts:</b>	
ⓐ Lamp shade, expanded metal	76530			ⓐ Automobile	17760, 20210
ⓐ Scale foundation, steel	129120, v129520	<b>Hullers:</b>		ⓐ Automobile, cantilever-type, wheeled, electro-hydraulic or electro-mechanical	17760
ⓐ Shade, lamp, expanded metal	76530	ⓐ Grain, heater, polisher and temperer combined	116790, v116870, v117000	ⓐ Automobile, NOI	20210
ⓐ Visor, automobile	v18300, 20080	ⓐ Rice	116940	<b>Lumber:</b>	
ⓐ Visor, automobile, iron or steel, other than interior	20080	ⓐ Rice, and polishers combined	116940, v117000	ⓐ Dressed soft	v117000
<b>Furnaces:</b>		ⓐ Rice, and rice polishers combined	116940		
ⓐ House heating, hot air	26280, v26300			<b>M</b>	
<b>G</b>		<b>I</b>		<b>Machinery or Machines:</b>	
<b>Gates:</b>		ⓐ Icebox	53060	ⓐ Air filtering	114090, 124564
ⓐ Bin, steel	v125680	ⓐ Iceboxes, NOI	53060	ⓐ Air filtering, electrostatic or mechanical, without blowers or fans, other than using renewable roll-type filtering media	114090
<b>Governors:</b>		ⓐ Idlers and belt tighteners	v117000	ⓐ Air filtering, using renewable roll-type filtering media	124564
ⓐ Break feed	116770, v116870	<b>Implements:</b>		ⓐ Cleaning, bean, grain, grass, pea, peanut or seed	114180
<b>Guides:</b>		ⓐ Grading	v122500	ⓐ Cooling, and steel refrigeration evaporators combined	123325
ⓐ Index	153420	ⓐ Road making	v122500	ⓐ Cooling, NOI	v53300, 123310, v176920
ⓐ Index, paper	153330	ⓐ Infectious Substances	6040	ⓐ Cooling, used	123315
ⓐ Gum Increasing, Reducing, Removing, Thickening or Thinning Compounds	149380	ⓐ Insulating Material, NOI	103300	ⓐ Copying	118250, 118255
ⓐ Gum Removing Compounds, internal combustion engine, NOI	50100			ⓐ Copying, NOI	118250
<b>H</b>		<b>J</b>		ⓐ Copying, NOI, scrap	118255
<b>Hammers:</b>		<b>Juice(s):</b>		ⓐ Cutting, ice	123340
ⓐ Hand	186870, 186900	ⓐ Fruit, concentrated, other than frozen; for flavoring beverages, beverage syrups, candy, confectionery or ice cream	72910	ⓐ Duplicating	118250
ⓐ Hand, forged, with 4-pound or heavier head	186870	ⓐ Vegetable, concentrated, other than frozen; for flavoring beverages, beverage syrups, candy, confectionery or ice cream	72910	ⓐ Duplicating, NOI	118250
ⓐ Hand, NOI, other than power	186900			ⓐ Dust collector	v116870, v117000
<b>Harrows:</b>		ⓐ Jugware, gray	47530	ⓐ Dust collector, NOI	v116870
ⓐ Chain type, with flexible lines, rolled	9625, v10500			ⓐ Feeding	v116870, v117000
ⓐ Colter (Coulter), KD	9630, v10500	<b>K</b>		ⓐ Feeding, NOI	v116870
ⓐ Coultter	9630, v10500	<b>Kil(s):</b>		ⓐ Flour bolting	116730, v116870, v117000
ⓐ Disc (Disk)	9632, v10500	ⓐ Air conditioning system tube	123510	ⓐ Flour bolting or scalping, NOI, reel or sieve	116730, v116870
ⓐ Disk	9632, v10500	ⓐ Refrigeration system tube	123510		
ⓐ Machinery	v122500	ⓐ Tube, air conditioning	123670	ⓐ Flour scalping	116730, v116870, v117000
ⓐ Peg tooth or spring tooth, KD	9660, v10500	ⓐ Tube, air conditioning or refrigeration system	123510	ⓐ Freezing, and steel refrigeration evaporators combined	123325
ⓐ Peg tooth	9660, v10500	ⓐ Tube, refrigeration system	123670	ⓐ Freezing, NOI	v53300, 123310, v176920
ⓐ Spring tooth	9660, v10500			ⓐ Freezing, used	123315
ⓐ Header Sections, boiler, iron or steel	25630	<b>L</b>		ⓐ Grading, bean, grain, grass, pea, peanut or seed	114780
<b>Headers:</b>		ⓐ Lacquer	149980	ⓐ Ice breaking	123140
ⓐ Boiler, and baffles combined	25630	ⓐ Lacquers	149980	ⓐ Ice breaking or crushing	123140
ⓐ Boiler, and tubes or baffles combined, iron or steel	25630	ⓐ Lacquer Increasing, Reducing, Removing, Thickening or Thinning Compounds	149980	ⓐ Ice crushing	123140
ⓐ Boiler, and tubes combined	25630	ⓐ Lava Rocks	162920	ⓐ Ice cutting or sawing	123340
ⓐ Gas	123460, v123560	<b>Leaves:</b>		ⓐ Ice shaving	123160
ⓐ Gas or liquid	123470	ⓐ Palm	111050	ⓐ Ice shaving or shredding	123160
ⓐ Liquid	123460, v123560	ⓐ Palmetto	111050	ⓐ Ice shredding	123160
<b>Heads:</b>		<b>Legs:</b>		ⓐ Meal bolting	116730, v116870, v117000
ⓐ Elevator, machinery	v117000	ⓐ Elevator	v117000, 120620	ⓐ Meal bolting or scalping, NOI, reel or sieve	116730, v116870
ⓐ Shoe stitching machine, used	129980	ⓐ Elevator, iron or steel	120620		
ⓐ Heater, Huller, Polisher and Temperer combined, grain	116790, v116870	<b>Levels:</b>		ⓐ Mixing, NOI	v116870
<b>Heaters:</b>		ⓐ Carpenter	186900	ⓐ Reproducing	118250
ⓐ Asphalt	98540	ⓐ Hand	186900	ⓐ Reproducing, NOI	118250
ⓐ Grain	116790, v116870	ⓐ Railway track	186900	ⓐ Sand screening	v122500
ⓐ Pitch	98540	ⓐ Surveying	57980	ⓐ Sawing, ice	123340
<b>Holsts:</b>		ⓐ Levels, hand, including Carpenters' Levels or Railway Track Levels	186900	ⓐ Separating, bean, grain, grass, pea, peanut or seed	114780
ⓐ Ice can	123480, v123560	ⓐ Levels, surveying	57980		
<b>Horns:</b>					
ⓐ Sound amplifying	v39360, 100020				
ⓐ Sound amplifying or directing, without electrical components	100020				
ⓐ Sound directing	100020				

INDEX TO ARTICLES

ARTICLE	Item	ARTICLE	Item	ARTICLE	Item
<b>Machinery or Machines (Cont'd.):</b>		<b>O</b>		<b>Parts (Cont'd.):</b>	
Ⓢ Shoe stitching, used	129980	Ⓢ Oilcloth	49520	Ⓢ Automobile, NOI, iron or steel	19160
Ⓢ Sifting	v116870, v117000	<b>Openers:</b>		Ⓢ Automobile, NOI, plastic or rubber, separate or combined with other materials, density less than 4 pounds per cubic foot	15270, v20200
Ⓢ Sifting, NOI	v116870	Ⓢ Can, combined with ice crushers	62590	Ⓢ Automobile, NOI, plastic or rubber, separate or combined with other materials, density 4 but less than 10 pounds per cubic foot	15260, v20200
Ⓢ Sorting, bean, grain, grass, pea, peanut or seed	114780	Ⓢ Can, electric	61268	Ⓢ Automobile, NOI, plastic or rubber, separate or combined with other materials, density 10 pounds or greater per cubic foot	15261, v20200
Ⓢ Stone screening	v125680	Ⓢ Can, hand operated	100610	Ⓢ Automobile, obsolete	19165
Ⓢ Street sweeping	v122500, 130500	Ⓢ Can, with sharpeners	62590	Ⓢ Automobile, obsolete (unsalable)	19165
Ⓢ Street sweeping, other than magnetic	130500			Ⓢ Body, automobile	15270, 18261, 18270, 18280, 19097, v20200
Ⓢ Threshing, bean, grain, grass, pea, peanut or seed	114780	<b>P</b>		Ⓢ Body, automobile, NOI, density less than 4 pounds per cubic foot	15270, v20200
Ⓢ Mailboxes	29393	<b>Packers:</b>		Ⓢ Body, automobile, NOI, density 4 but less than 10 pounds per cubic foot	15270, v20200
<b>Material(s):</b>		Ⓢ Bran	116850, v116870, v117000	Ⓢ Body, automobile, NOI, density 10 pounds or greater per cubic foot	15261, v20200
Ⓢ Body trim, artificial leather, automobile	v18300	Ⓢ Bran, flour or meal	116850, v116870	Ⓢ Body, automobile - specific listing	19097, v20200
Ⓢ Body trim, fabric, automobile	v18300			Ⓢ Body, automobile, wooden	18280, v20200
Ⓢ Body trim, fibreboard, automobile	v18300	Ⓢ Flour	116850, v116870, v117000	Ⓢ Boiler, iron or steel, cast, NOI	25680
Ⓢ Body trim, leather, automobile	v18300	Ⓢ Meal	116850, v116870, v117000	Ⓢ Boiler, NOI	25520, 25550, v25120
Ⓢ Body trim, oil-cloth, automobile	v18300	<b>Padding:</b>		Ⓢ Cast iron boiler	25550, v25160
Ⓢ Body trim, rubber, automobile	v18300	Ⓢ Seat, automobile	v18300	Ⓢ Chain-type harrow	5625, v11620
<b>Mattresses:</b>		Ⓢ Vehicle body, automobile	v18300	Ⓢ Cultivator	11170, v11620
Ⓢ Furniture	79550	<b>Pads:</b>		Ⓢ Electric vacuum cleaner	v129900
Ⓢ NOI	79550	Ⓢ Sanitary	59230	Ⓢ Grading implement	v122700, 122520
<b>Meat(s):</b>		Ⓢ Seat, automobile	v18300	Ⓢ Grading implement, iron or steel, NOI	122520
Ⓢ Mussel, not edible	134340	Ⓢ Vehicle body, automobile	v18300	Ⓢ PLOW	11170, v11620
Ⓢ Milk Compound, soybean	74840	Ⓢ Paint Increasing, Reducing, Removing, Thickening or Thinning Compounds	149980	Ⓢ Road making implement	v122500, 122520
Ⓢ Milk Compounds (Desert Toppings), aerated	74000	<b>Panels:</b>		Ⓢ Road making implement, iron or steel, NOI	122520
Ⓢ Milk Food, liquid	74020	Ⓢ Building construction, wire mesh with a core of expanded plastic insulation	35080	Ⓢ Vacuum cleaner	v122700, 188280
Ⓢ Milk Food, other than malted milk, other than liquid	74030	Ⓢ Repair, automobile, NOI	18260, 18261, 18270	Ⓢ Vacuum cleaner, household, NOI	132660
<b>Mills:</b>		Ⓢ Rocker, automobile, NOI	19097	Ⓢ Pemican	74880
Ⓢ Crushing, cereal	116910	Ⓢ Rocker, automobile, NOI, steel	19097	<b>Pigment(s):</b>	
Ⓢ Flour	116710, v116870	Ⓢ Roof, automobile	19097	Ⓢ NOI	149980
Ⓢ Grinding, cereal	116910	Ⓢ Roof, automobile, exterior, steel	19097	Ⓢ Pigments, NOI	149980
Ⓢ Mini-blinds	174200	<b>Pans:</b>		Ⓢ Pillars, center, automobile	19097
Ⓢ Miter boxes	186900	Ⓢ Condenser	v123560	Ⓢ Pillars, center, automobile, steel	19097
<b>Mixers:</b>		Ⓢ Cooler	v123560	Ⓢ Pillow Ticks	49615
Ⓢ Concrete	114210	Ⓢ Floor, automobile	19097	Ⓢ Pinene	150220
Ⓢ Liquid, floating, with flotation devices	114028	Ⓢ Floor, automobile, steel	19097	<b>Pipe(s):</b>	
Ⓢ Water, floating, with flotation devices	114028	Ⓢ Rear compartment, automobile	19097	Ⓢ Automobile	19220
<b>Mustaches:</b>		Ⓢ Rear compartment, automobile, steel	19097	Ⓢ Automobile, steel, copper plate orterne plate	125850
Ⓢ Masquerade costume	23060	<b>Parts:</b>		Ⓢ Crank case breather, automobile	19220
Ⓢ Toy	23060	Ⓢ Automobile	18260, 18261, 18270, 19100, v20200	Ⓢ Crank case ventilator, automobile	19220
Ⓢ Mustaches, masquerade costume or toy	23060	Ⓢ Automobile and body sections combined	18285	Ⓢ Crankcase breather or ventilator, automobile, steel, copper plate orterne plate	125850
Ⓢ Myrobalans	139580	Ⓢ Automobile, and body sections combined, used	18285	Ⓢ Exhaust, automobile	19220
<b>N</b>		Ⓢ Automobile body, NOI, density less than 4 pounds per cubic foot	18270, v20200		
<b>Ⓢ Napkins:</b>		Ⓢ Automobile body, NOI, density 4 but less than 10 pounds per cubic foot	18260, v20200		
Ⓢ Cotton or cotton and synthetic fibre combined, woven	49505	Ⓢ Automobile body, NOI, density 10 pounds or greater per cubic foot	18261, v20200		
Ⓢ Paper	153020	Ⓢ Automobile body - specific listing	19097, v20200		
Ⓢ Sanitary	59230	Ⓢ Automobile body, wooden	18280, v20200		
Ⓢ Napkins, cotton or cotton and synthetic fibre combined, woven	49505	Ⓢ Automobile, NOI, aluminum, brass, bronze, copper or magnesium alloy	19120		
Ⓢ Napkins, paper	153020	Ⓢ Automobile, NOI, Babbitt metal, white metal alloy, zinc or zinc alloy	19140		
Ⓢ Nitro-cellulose	141000, 141020				
Ⓢ Nitrocellulose (Colloided or Colloidion Colton)	141020				
Ⓢ Nutgalls	141520				
<b>Nuts:</b>					
Ⓢ Iron or steel	v10500, v11620, 93470, 104520, 104540				

INDEX TO ARTICLES

ARTICLE	Item	ARTICLE	Item	ARTICLE	Item
<b>Pipe(s) (Cont'd.):</b>		<b>Receivers:</b>		<b>Scrapers (Cont'd.):</b>	
ⓐ Exhaust, automobile, steel, copper plate or terne plate	125850	ⓐ Gas	123220, v123560	ⓐ Floor, metal, hand, other than power	166900
ⓐ Gasoline tank filler, automobile	19220	ⓐ Gas or liquid	123230	ⓐ Floor, power	121290
ⓐ Gasoline tank filler, automobile, steel, copper plate or terne plate	125850	ⓐ Liquid	123220, v123560	ⓐ Manure, rubber and metal combined	65760
ⓐ Oil filler, automobile	19220	ⓐ Refrigerating Compounds, containing not less than 85 percent water	50280	ⓐ Metal, hand	166900
ⓐ Oil filler or oil strainer suction, automobile, steel, copper plate or terne plate	125850	less than 85 percent water	50280	ⓐ Metal, hand, other than power	166900
ⓐ Oil strainer suction, automobile	19220	ⓐ Refrigerating units, ice making	123685	ⓐ Pipeline	165820
ⓐ Radiator outlet, automobile	19220	ⓐ Refrigerating Units, truck, trailer or marine container	123600	ⓐ Pipeline, metal, hand, other than power	166900
ⓐ Radiator outlet, automobile, steel, copper plate or terne plate	125850	ⓐ Regenerators, gas or liquid	123230	ⓐ Pipeline (Pipeline Pigs)	165820
ⓐ Tail, automobile	19220	<b>Remnants:</b>		ⓐ Screen and sash combined	35500
ⓐ Plastic Increasing, Reducing, Removing, Thickening or Thinning Compounds	149380	ⓐ Oilcloth	49520	ⓐ Screen and sash combined, foundation ventilator or shutter, metal	35500
<b>Plows:</b>		ⓐ Remover, wallpaper	193620	ⓐ Screen and sash combined, foundation ventilator, plastic	35350
ⓐ Machinery	v122500	ⓐ Remover, wallpaper, liquid	150290	ⓐ Screwdrivers	166900
ⓐ Pokers, fire, iron	v25720, v25760	ⓐ Resin Increasing, Reducing, Removing, Thickening or Thinning Compounds	149980	ⓐ Screwdrivers, hand, other than power	166900
ⓐ Polisher, Heater, Huller and Temperer combined, grain	116790, v116870	ⓐ Rocks, lava	162920	<b>Screws:</b>	
ⓐ Polishers and rice hullers combined	116940, v117000	<b>Rod(s):</b>		ⓐ Bench	166900
<b>Polishers:</b>		ⓐ Spray	186140	ⓐ Bench or hand	166900
ⓐ Rice	116960	<b>Rollers:</b>		ⓐ Hand	166900
ⓐ Rice, and rice hullers combined	116940	ⓐ Road	122200	ⓐ Seat Backs, railway car, upholstered or padded	149265
<b>Posts:</b>		<b>Roll(s):</b>		ⓐ Seal Backs:	
ⓐ Tennis	17056	ⓐ Road roller	v122500, 169850	ⓐ Bus passenger, finished	172670
<b>Products:</b>		ⓐ Road roller, concrete, stone, iron or steel	169850	ⓐ Circus, wooden or wood and metal combined	47860
ⓐ Biological	6040	<b>Roof(s):</b>		ⓐ Railway car, upholstered or padded	149265
ⓐ Cellulose film, NOI	41870	ⓐ Automobile	19097	ⓐ Vehicle, iron or steel, sheet, unfinished	192670
ⓐ Corn cob, NOI	53910	ⓐ Automobile, exterior, steel	19097	ⓐ Vehicle, wooden, in the white	192680
ⓐ Dairy, freeze-dehydrated or freeze-dried	76850	ⓐ Rotors, disc brake	18380	<b>Seals:</b>	
ⓐ Products, cellulose film	41870	ⓐ Rotors, mine product milling agitator	125190	ⓐ Agricultural implement	11330, v11620
ⓐ Products, corn cob, NOI	53910	<b>Rotors:</b>		ⓐ Agricultural implement, NOI	v11620, 172670
ⓐ Products, dairy, freeze-dehydrated	76850	ⓐ Disc brake, automobile, machined	18380	ⓐ Aircraft attendant	12340
ⓐ Products, dairy, freeze-dried	76850	ⓐ Mine product milling agitator, iron or steel, rubber covered	125190	ⓐ Aircraft attendant, crew, passenger or troop	12340
<b>Propellers:</b>		ⓐ Scarifier, iron or steel, without cutting teeth	122065	ⓐ Aircraft crew	12340
ⓐ Brine	123240, v123560	<b>S</b>		ⓐ Aircraft passenger	12340
<b>Pullers:</b>		ⓐ Sanitary Napkins or Pads	59230	ⓐ Aircraft troop	12340
ⓐ Car	v117000	ⓐ Sash and screen combined, foundation ventilator or shutter, metal	35500	ⓐ Army tractor	145660
ⓐ Pumice Stone	162920	ⓐ Sash and screen combined, foundation ventilator, plastic	35350	ⓐ Automobile	19420
<b>Punches:</b>		ⓐ Sash and screens combined	37030	ⓐ Automobile, NOI	172670
ⓐ Hand	185640, 186900	ⓐ Sausage Sticks	74880	ⓐ Baby, bathtub, xested	172680
ⓐ Hand, other than spring type, other than power	185640	<b>Saws:</b>		ⓐ Baby, car	79640, 81555
ⓐ Hand, spring type	185640	ⓐ Hand	186900	ⓐ Baby, car, metal or wood	79640
ⓐ Paper or ticket, hand, spring type	185640	ⓐ Hand, NOI, other than power	186900	ⓐ Baby carriage, metal or wood, KD flat	81555
<b>Purifiers:</b>		<b>Scale(s):</b>		ⓐ Baby, toilet	172700
ⓐ Gas	123230	ⓐ Computing	129360	ⓐ Bath tub	159000, v159800, 172680
ⓐ Liquid	123230	ⓐ Factory	129380	ⓐ Bathtub, baby, xested	172680
ⓐ Refrigerator air	169280	ⓐ Live stock	129440, v129520	ⓐ Bathtub, removable, iron or steel	159000, v159800
<b>R</b>		ⓐ Livestock, KD	129440	ⓐ Boat	25250
<b>Racks:</b>		ⓐ NOI	129500	ⓐ Boat, NOI, other than portable	25250
ⓐ Display, store	57410	ⓐ Railroad track	129440, v129520	ⓐ Booster, children's, automobile, with safety harness	82274
<b>Radiators:</b>		ⓐ Railroad track, KD	129440	ⓐ Booster, infant	81565
ⓐ Hot water	26840, 26860, v98550	ⓐ Vehicle	129440, v129520	ⓐ Booster, infant, metal or wood	81565
ⓐ Steam	26840, 26860, 26880, v98550	ⓐ Vehicle, KD	129440	ⓐ Bus passenger	19350
ⓐ Tubular gas	26840	ⓐ Warehouse	129380	ⓐ Car, baby, metal or wood	79640
<b>Racks:</b>		<b>Scrapers:</b>		ⓐ Carriage, baby or infant	81555
ⓐ Display, store	57410	ⓐ Ash	v25720, v25760	ⓐ Carriage, baby or infant, metal or wood, KD flat	81555
<b>Radiators:</b>		ⓐ Carbon	186900	ⓐ Children's booster, automobile	82274
ⓐ Hot water	26840, 26860, v98550	ⓐ Carbon, hand, other than power	186900		
ⓐ Steam	26840, 26860, 26880, v98550	ⓐ Floor	121290		
ⓐ Tubular gas	26840	ⓐ Floor and pipe line	186900		



INDEX TO ARTICLES

ARTICLE	Item	ARTICLE	Item	ARTICLE	Item
<b>Seats (Cont'd.):</b>		<b>Sections (Cont'd.):</b>		<b>Sweeps:</b>	
② Children's booster, automobile, with safety harness	82274	② Wall, building or house, iron, steel or wood	38470	② Swimming pool, automatic	117850
② Drivers', driving truck	19410	② Wall, cooling or freezing room	53120	<b>System(s):</b>	
② Drivers', freight automobile	19410	<b>Separators:</b>		② Exhaust, internal combustion engine	125850
② Drivers', tractor	19410	② Germ	116750, v116870	<b>T</b>	
② Freight automobile	19430	② Oil, NOI	129700	<b>Tables:</b>	
② Grandstand	47940	② Steam	129700	② Ice tilting	123650
② Grandstand, iron or steel and wood combined, KD, other than hand-portable	47940	② Steam, NOI	129700	② Tailpipe or Tailpipe Extensions, automobile, steel, copper plate or terne plate	
② Infant booster, metal or wood	81565	<b>Sets:</b>			125850
② Infant carriage, metal or wood, KD flat	81555	② Flag	70050	② Tampons	
② Pan type	11320, v11620	<b>Shapes:</b>			59415
② Pole	62700, 160270	② Hollow, mold riser	176760	<b>Tankage:</b>	
② Pole, NOI	62700	② Hollow, mold riser, exothermic compound	103300	② Garbage	180650
② Pole, steel, KD	160270	<b>Sheet(s):</b>		② Garbage, dry	195925
② Revolving or rocking, household or home, playground, steel, KD flat	15510	② Gelatine	86340	② Meat refuse	195920
② Revolving, playground	15510	<b>Shellers:</b>		② NOI	195925
② Rocking, playground	15510	② Corn	8560, v8800, 10320, v10500, 116890	<b>Tanks:</b>	
② Saddle type	11320, v11620	<b>Shields:</b>		② Air pressure	v25600, 180790
② Stadium	47940, 47950	② Bolt	93410	② Air pressure, cylindrical	180790
② Stadium, iron or steel and wood combined, KD, other than hand-portable	47940	② Bolt, concrete, expansion, iron or steel	94353	② Expansion	v25600, 181070
② Stadium, with steel frames, nested, other than hand-portable	47950	② Bolt, expansion, metal, NOI	93410	② Expansion, steel, 18 psi or thicker	181070
② Tractor	132060, 132080	<b>Shovels:</b>		② Hot water storage	v25800, 181260, 181270
② Tractor, NOI	172670	② Grain	v117000, 122580	② Hot water storage, cylindrical	181260, 181270
② Truck	19430	② Grain, power	122580	② Hydro-pneumatic	v25600, 181270
② Van	19430	② Power	130100	② Hydro-pneumatic, cylindrical	181270
② Vehicle, NOI	172670	② Power, machinery	v122500, 130100	② Iron or steel, NOI	v64670, v120520, v125600, v133200, 181390, 181420, 181440
<b>Sections:</b>		<b>Shrouds:</b>		② Truck, NOI	181740
② Boiler	25700, v25720, v25760	② Automobile	19097	② Wagon	101720, 181740
② Boiler, cast iron	25700	② Automobile, steel	19097	② Water cooling	v176920
② Brewery beer cooler	123755	<b>Shutters:</b>		② Water heater	v25600, 181260, 181270
② Building construction wall	35810	② Foundation, NOI	35500	② Water heater, cylindrical	181260, 181270
② Floor	38450, 38470	② Foundation, metal	35500	② Water reboiling	123540, v123560
② Floor, building or house, concrete, reinforced	38450	② Ski Poles	17330	② Water skimming	123540, v123560
② Floor, building or house, iron, steel or wood	38470	<b>Skis:</b>		<b>Teeth:</b>	
② Header, boiler	25630	② Snow, alpine	17335	② Scarifier	122320
② Header, boiler, iron or steel	25630	② Snow, cross-country (Nordic type)	17330	② Temperer, Heater, Huller and Polisher combined, grain	
② Refrigerating, cooling room	123680	② Snow, downhill (Alpine type)	17335		116790, v116870
② Roof	19097, 38450, 38455, 38470	② Snow, other than cross-country	17335	② Temperers, grain	
② Roof, automobile, exterior, steel	19097	<b>Steeves:</b>			116790, v116870
② Roof, building or house, concrete, reinforced	38450	② Mold riser	176760	② Ticks, pillow	
② Roof, building or house, expanded plastic core faced with wood, wallboard or metal	38455	② Mold riser, exothermic compound	103300		49615
② Roof, building or house, iron, steel or wood	38470	<b>Sockets:</b>		② Tighteners, bell, and idlers, cereal milling	
② Wall	35810, 38450, 38455, 38470, 53120	② Box, automobile	v18300		v117000
② Wall, building construction, metal, NOI	35810	<b>Solvent(s):</b>		<b>Tires:</b>	
② Wall, building construction, wire mesh with a core of expanded plastic insulation	35080	② Spouting	v117000	② Inner safety shield	157227
② Wall, building or house, concrete, reinforced	38450	② Spray paint	150180	② Inner safety spare or shield	157227
② Wall, building or house, expanded plastic core faced with wood, wallboard or metal	38455	② Soybean Milk Compound	74840	② Inner safety spare	157227
② Wall, building or house, iron, steel or wood	38470	② Spark Plugs, NOI	177080	② Pneumatic	157235
② Wall	35810, 38450, 38455, 38470, 53120	② Spark Plugs, worn out	195820	② Pneumatic, defective	157235
② Wall, building construction, metal, NOI	35810	② Squibs, automobile crash protection air bag deploying	18496	② Pneumatic, NOI	157230
② Wall, building construction, wire mesh with a core of expanded plastic insulation	35080	② Squibs, crash protection air bag deploying	18496	② Pneumatic, used	157235
② Wall, building or house, concrete, reinforced	38450	<b>Stands:</b>		② Scrap	171880
② Wall, building or house, expanded plastic core faced with wood, wallboard or metal	38455	② Display, store	57410	② Scrap, rubber	157235
		② Star Drills, hand, other than power	186900	② Titanium Dioxide, NOI	47165
		<b>Steamers:</b>		② Titanium Dioxide, ultra fine powder	42865
		② Grain	116790, v116870	<b>Tools:</b>	
		<b>Stone(s):</b>		② Hand, other than power	186900
		② Corncall	54000	② Hand, NOI, other than power, other than plastic	186900
		② Stone ware, common brown or gray	47530	② Tire changing	186900
		<b>Straps:</b>		② Tire changing, hand, NOI, other than power	186900
		② Leather, automobile	v18300	② Toothbrushes	33100
		② Webbing, automobile	v18300	② Toothbrushes, electric	63370
		② Substances, infectious	6040		

INDEX TO ARTICLES

ARTICLE	Item	ARTICLE	Item	ARTICLE	Item
⑥ Toothbrushes, NOI	33100	<b>Tubing (Cont'd.):</b>		<b>Wagons (Cont'd.):</b>	
⑥ Toothbrushes, plastic	33100	⑥ Tail pipe, auto	19220	⑥ Street sprinkling	189860
<b>Trays:</b>		⑥ Turpentine, NOI, including	150220	⑥ Street sprinkling or washing,	189860
⑥ Battery shipping	187220	Pinene or Wood Turpentine		horse-drawn or trailer	189860
⑥ Food bath, rubber	187290			⑥ Street washing	189860
<b>Trimmings:</b>					
⑥ Oilcloth	195270			<b>Wall Sections:</b>	
<b>Troughs:</b>				⑥ Building construction, metal,	35810
⑥ Steel, NOI	v123560			NOI	
⑥ Water cooling tower	v123560,	<b>Units:</b>		⑥ Building construction, wire	35080
187520		⑥ Compressor, used, NOI	118097	mesh with a core of expanded	
⑥ Water cooling tower, metal,		⑥ Compressor, rotary screw	118097	plastic insulation	3A150
nested	187520	⑥ Cooling, steel, and cooling		reinforced	
⑥ Trumbols, rice	116960	or freezing machines	123325	⑥ Building or house, expanded	3A155
⑥ Tubes and headers combined,		combined	123685	plastic core faced with	
boiler	25630	⑥ Refrigerating	123600	wood, wallboard or metal	3A170
⑥ Tubes and Headers combined,		⑥ Refrigerating, truck, trailer		or wood	63120
boiler, iron or steel	25630	or marine container	123600	⑥ Cooling or freezing room	160290
<b>Tubing:</b>		⑥ Utensils, household, aluminum	v13120	⑥ Wallpaper Remover, liquid	
⑥ Automobile	19220			Ware:	
⑥ Automobile, steel, copper plate	125850			⑥ Lacquered	100650
or terne plate				⑥ Warp Beams, textile machine	131650
⑥ Crank case breather,		<b>Vacuum Cleaners:</b>		⑥ Wash-boilers, copper	v116320
automobile	19220	⑥ Household	v129900, 188280	<b>Waste(s):</b>	
⑥ Crank case ventilator		⑥ Household, NOI	v129900, 132660	⑥ Oilcloth	195270
automobile	19220	⑥ Swimming pool, automatic	117850	<b>Webbing:</b>	
⑥ Crankcase breather or ventilator,		⑥ Vacuums, swimming pool,	117850	⑥ Automobile body trim	v10300
automobile, steel, copper		automatic		<b>Wheelbarrows:</b>	
plate or terne plate	125850	⑥ Varnish Increasing, Reducing,		⑥ Aluminum, steel and wood	189340
⑥ Exhaust, automobile	19220	Removing, Thickening or		combined, NOI	189380
⑥ Exhaust, automobile, steel,		Thinning Compounds	149980	⑥ NOI	19097
copper plate or terne		⑥ Venetian Blinds	174200	⑥ Wheelhouses, automobile	19097
plate	125850	<b>Ventilators:</b>		⑥ Wheelhouses, automobile, steel	19097
⑥ Gasoline tank filler,		⑥ Foundation	35500, 37360	⑥ Wheelhouses, recreational	20010
automobile	19220	⑥ Foundation, cast aluminum		vehicle	
⑥ Gasoline tank filler, automobile,		alloy	37360	⑥ Wheelhouses, recreational vehicle	20010
steel, copper plate or terne		⑥ Foundation, metal	35500	nested	20010
plate	125850	⑥ Foundation, plastic	35350	⑥ Wheelhouses, travel trailer	20010
⑥ Oil filler, automobile	19220	⑥ Visors, automobile	20000	<b>Wheels:</b>	
⑥ Oil filler or oil strainer				⑥ Scarifier, iron or steel, without	122065
suction, automobile, steel,				cutting teeth	
copper plate or terne		<b>Wagons:</b>		<b>Windows:</b>	
plate	125850	⑥ Dump	v122500, 189060	⑥ Curtain, automobile	v18300
⑥ Oil strainer suction,		⑥ Dump, NOI, horse-drawn or	189060		
automobile	19220	trailer			
⑥ Radiator outlet, automobile	19220	⑥ Dump, other than self-	189040		
⑥ Radiator outlet, automobile,		propelled			
steel, copper plate or terne		⑥ Dump, weighing each 5,000	189040		
plate	125850	pounds or over	189040		

RULES

ITEM 291-A

SPECIFICATIONS FOR FIBRE BARRELS OR DRUMS FOR DRY OR SOLID ARTICLES

Subject to the provisions of Secs. 1(a) and 2 of Item 680 and to the provisions of the Hazardous Materials Tariff, and unless otherwise provided in separate descriptions of articles, when the following requirements and specifications are complied with, classes or rates applying on articles in "barrels," "drums," "pails" or "tubs" will also apply on the same articles in fibre drums, pails or tubs of the styles described in this section, respectively. Fibre barrels or drums and fibre pails and tubs may be used as shipping containers for a single movement of articles that remain dry or solid at 100° Fahrenheit (38° Celsius). After initial shipment they must not be used again for shipment of dry or solid articles after contents have been removed, except when containers and closing devices are in such condition that they will protect contents as efficiently as new containers.

(Continued on following page)

**RULES**

**ITEM 291:A—Continued**

(a) Fibre barrels or drums for dry or solid articles must conform with the following requirements and specifications:

Maximum limit (see Note 5)		Minimum Requirements				
Weight of contents (pounds)	Capacity (gallons) (See Note 6)	Side-walls  Test per square inch (pounds) (See Note 1)	Tops and Bottoms (each)			
			Fibreboard outer ply Waterproofed		Steel (U.S. gauge)	Plastic
Thickness (Inch)	Test (pounds) (See Note 1)					
60	30	400	.120 or .090	300 or 600	30	See Notes 2 and 7
115	45	500	.160 or .120	400 or 800	28	See Notes 2 and 7
150	55	600	.160 or .120	400 or 800	28	See Note 2
225	65	700	.180 or .120	500 or 1000	26 (See Note 3)	See Note 2
300	75	800	.200 or .160	550 or 1100	26 (See Note 3)	See Note 2
400	75	900	.240 or .200	600 or 1200	24 (See Note 4)	See Note 2
550	75	1000	.220	1300	24 (See Note 4)	See Note 2

(b) Fibre pails and tubs for dry or solid articles must conform with the following requirements and specifications:

Maximum limit (See Note 5)		Side-wall test per square inch (pounds) (See Note 1)	Minimum requirements tops and bottoms fibreboard outer ply waterproofed		
Weight of contents (pounds)	Capacity (gallons)		Thickness (inches)	Test (pounds) (See Note 1)	Steel (U.S. gauge)
50	8	400	Bottoms		30
			.100 or .080	300 or 500	
			Tops		
60	8	400	Bottoms		30
			.120 or .090	300 or 600	
			Tops		
			.190	600	

(c) Sidewall must be constructed of more than one ply not spirally wound, no single ply to be less than .012 inch in thickness, in the absence of specific waterproof treatment, sized to resist the effect of casual water, and all plies firmly glued together.

OR

Sidewalls may be constructed of fibreboard of single ply meeting the test requirements in paragraph (a) of this rule, with outer face waterproofed and the ends of the fibreboard forming joint or overlap must extend at least two inches beyond beginning of the overlap and must be firmly glued together throughout entire area of overlap and such overlap must be reinforced by metal rivets, staples or stitches not more than six inches apart, or must be fastened by a double row of metal rivets, staples or stitches not more than two inches apart in each row, or secured by a barbed steel strip not less than gauge 22 and not less than one inch wide extending entire length of joint with barbs pressed through fibreboard and clinched on inside.

(Continued on following page)

**RULES**

**ITEM 291-A—Concluded**

(d) Tops and bottoms must be so fastened to sidewalls as to provide a tight seal and withstand ordinary handling and shipping without showing signs of sifting or loss of any of contents. When tops and bottoms are made of fibreboard having wooden segments reinforcing circumference not less than 1/2 inch thick, and not less than 1 1/4 inches wide at joint between segments, fibreboard may be not less than same test as shell.

**Note 1—Cady or Mullen Testing Method for Fibre Components:** Either of the following test methods may be used. When more than a single ply, test shall be determined from the summation of the tests of individual plies, or when test is made on a completed drum, the punctures shall be made from the exterior to the interior surface, in which case the average values for sidewall shall be not less than 80 percent of the values in the above table and the values for fibre tops and bottoms shall be not less than the value in the above table. There shall be a minimum of six tests and the average shall be not less than the prescribed minimum requirements.

**Note 2—Top covers must be constructed of injection molded high density polyethylene or polypropylene homopolymer or copolymer and have a minimum thickness of .090 inch. Top covers must have at least two concentric rings of not less than 1/8 inch depth, except when cover is of a minimum thickness of .125 inch, cover may have one concentric ring. Closure must be effected by a lever locking ring of 22 gauge metal; OR by method of covers having the ability of securely snap-lock fitting; OR (closure may be of any method, material or design contingent upon a successful diagonal drop series of 3 of 3 drums filled with commodity, or sand as a substitute, onto solid concrete from a height of 30 inches onto the top chime at its weakest part of closure without evidence of leakage or failure.**

Alternatively, for net weights not exceeding 225 pounds and capacities not over 20 1/2 gallons, top covers with at least one concentric stiffening ring may have a minimum thickness of .060 inch and be closed with a lever locking ring of 24 gauge metal.

Material must meet the following parameters as specified within the referenced American Society for Testing and Materials (ASTM) testing methods:

Injection Molded High Density Polyethylene Homopolymers or Copolymers:		Injection Molded Polypropylene Homopolymers or Copolymers:	
Density, ASTM D1505	0.948-0.967	Density, ASTM D1505	0.890-0.915
Melt Index, ASTM D1238 FR-E	1.0-8.0	Melt Flow, ASTM D1238	1.0-8.0
Tensile Strength, ASTM D638	3000 PSI, minimum	Tensile Strength, ASTM D638	3000 PSI, minimum
Heat Resistance Vicat Soft Point	240-260° F	Izod Impact at 32° F., ASTM D256, Method A	1.0-18.0
Stress Cracking, ASTM D1693, Method B, F50	20 hours, minimum	Heat Distortion Temperature at 66 PSI, ASTM D648	160-275° F

**Note 3—Bottom may be constructed of not less than 30 U.S. gauge steel when combined with paperboard having a minimum thickness of .110 inch and Mullen test of not less than 400 pounds.**

**Note 4—Bottom may be constructed of not less than 30 U.S. gauge steel when combined with paperboard having a minimum thickness of .140 inch and Mullen test of not less than 550 pounds.**

**Note 5—The minimum requirements in the above table for sidewall, top and bottom are governed by either the weight of contents in first column or by the capacity in second column, whichever limitations call for the higher minimum requirements.**

**Note 6—Fibre drums, not exceeding 65 gallons capacity, convolutely wound, which are vertically straight-sided and generally cylindrical, with convex side, top and bottom perimeters of radius not over 48 inches and with round corners of a radius not less than 1 1/4 inches, conforming to the requirements of Sec. (a) for dry or solid articles (except that the 80 percent provision for sidewall values in Note 1 on Cady and Mullen test shall not apply in testing the convex sides of these drums) or Item 310 for semi-liquids will be accepted when bearing the certificate of the drum maker as required in Item 297.**

**Note 7—Fibre drums meeting this rule, not exceeding 20 1/2 gallons capacity, may have covers and bottoms constructed of polypropylene or polyethylene when of a minimum of 70 mils in thickness. Cover and bottom must be securely fastened.**

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**RULES**

**② ITEM 297-A**

**CERTIFICATE OF FIBREBOARD BARREL, DRUM,  
PAIL OR TUB MAKER**

Fibreboard barrels, drums, pails or tubs conforming to the requirements and specifications of Items 291 to 296 or of specific package numbers must bear a certificate of the maker showing the name of the maker, the sidewall test (pounds per square inch) and the net weight limit (pounds). Certificate must be of the following size, form, type and wording, see Notes 1 and 2:

<p><b>CERTIFICATE OF MAKER</b></p> <p>THIS FIBRE . . . * . . . CONFORMS TO ALL REQUIREMENTS OF APPLICABLE FREIGHT CLASSIFICATION FOR</p> <p>..... * * .....</p> <p>SIDEWALL TEST . . . * * * . . . LBS. PER SQ. IN.</p> <p>NET WEIGHT LIMIT . . . * * * . . . POUNDS</p> <p>..... * * * .....</p> <p>..... * * * .....</p>
--

- \* Insert type of container (barrel, drum, pail or tub). The words "drums" and "barrels" are used interchangeably to mean a straight-sided cylindrical shipping container.
- \*\* Insert "DRY OR SOLID ARTICLES," "SEMI-SOLID ARTICLES," "SEMI-LIQUIDS" OR "LIQUIDS, TYPE No. \_\_\_\_" (insert Type Number) (as the case may be).
- \*\*\* Insert appropriate figures.
- \*\*\*\* Insert maker's name and address.

All letters except maker's name and address to be News Gothic, A.T.F., 14 Pt. Caps, Condensed; Maker's name to be 18 Pt. Caps, Condensed; Maker's address to be 12 Pt. Standard. All numerals to be 14 Pt. Franklin Gothic, #162 A.T.F.

Note 1—Fibreboard drums, pails or tubs that have been painted or the sides thereof over-wrapped with paper by shipper for appearance and that comply with all requirements of this classification, and have the maker's certificate required by this section, but which certificate is not visible because of painting or over-wrapping, may be used if container bears the following certificate of shipper:

<p><b>CERTIFICATE OF SHIPPER</b></p> <p>This drum which has been painted over or over-wrapped bears manufacturer's certificate required by the applicable Freight Classification.</p> <p>.....</p> <p>(Insert shipper's name</p> <p>.....</p> <p>and address)</p>
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<p><b>CERTIFICATE OF MAKER</b></p> <p>THIS IS A . . . . * . . . . MADE OF FIBREBOARD AND CONFORMS TO ALL CONSTRUCTION REQUIRE- MENTS OF APPLICABLE FREIGHT CLASSIFICATION.</p> <p>SIDEWALL TEST . . . . . LBS. PER SQ. IN.</p> <p>NET WEIGHT LIMIT . . . . . POUNDS</p> <p>..... * * .....</p>
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- \* Insert type of container (barrel, drum, pail or tub)
- \*\* Insert maker's name and address

Note 2—Fibreboard drums that have been over-wrapped with labeling sleeves by the shipper for appearance, and that comply with all requirements of the NMFC rules, may also include the drum manufacturer's certificate as a permanently-imprinted item on the labeling sleeve. This will eliminate the necessity of using the optional certificate of shipper.

SUPPLEMENT 4 TO NMF 100-R

Item	ARTICLES	CLASSES		MW
		LTL	HL	
[E]6040-A	Agents, etiologic; Infectious Substances; Cultures of Etiologic Agents; Biological Products; or Diagnostic Specimens; see Note, item 6041	0	0	
[E]6041-A	NOTE—Applies on the named materials as defined in 49 CFR 173.134. Materials must be packaged as required in 49 CFR 173.196.			
[E]6042-A	NOTE—Cancel; no further application.			
[E]9625	AGRICULTURAL IMPLEMENTS, OTHER THAN HAND, GROUP: subject to item 8900 Harrows, chain type, with flexible lines, rolled, teeth points not exposed; or Parts thereof; loose	77.5	45	24
[38]11320-A	AGRICULTURAL IMPLEMENT PARTS GROUP: subject to item 10540 Seals, pan or saddle type, etc., Cancel; see item 172670.			
[38]11330-A	Seals, NOI, upholstered, etc., Cancel; see item 172670.			
[E]12520-A	Alarms, water motor, iron, in boxes or crates Cancel; obsolete.			
[E]13120-A	ALUMINUM: subject to item 13100 Aluminum Articles, NOI, in boxes, crates or Packages 1174 or 1311; also TL, in packages; subject to item 170 and having a density in pounds per cubic foot of:			
Sub 1	Less than 1, see Note, item 13121	400	40	AQ
Sub 2	1 but less than 2, see Note, item 13121	300	30	AQ
Sub 3	2 but less than 4, see Note, item 13121	250	25	AQ
Sub 4	4 but less than 6, see Note, item 13121	150	15	12
Sub 5	6 but less than 8, see Note, item 13121	125	65	15
Sub 6	8 but less than 10, see Note, item 13121	100	70	18
Sub 7	10 but less than 12, see Note, item 13121	92.5	65	20
Sub 8	12 but less than 15, see Note, item 13121	85	65	26
Sub 9	15 or greater	70	40	36
*13121	NOTE—The charge for packages or pieces subject to a particular density group may be assessed on the basis of the next lower class provided in connection with the next heavier density group at the weight which would accrue from multiplying the cubage of such packages or pieces by the lowest density named in the density group which provides the next lower class. In each such instance, the actual cube, actual weight, density group embracing the actual density, declared density and resultant weight for billing purposes (declared weight) of the pieces for which density is being declared must be shown by shipper on shipping orders and bills of lading at time of shipment.			
13122-A	NOTE—A Cancel; no further application.			
13123-A	NOTE—A Cancel; no further application.			
13124-A	NOTE—A Cancel; no further application.			
[E]17056	ATHLETIC GOODS GROUP: subject to item 15500 Posts, tennis, in packages	70	40	30
[E]17760-A	Automobile Lifts, cantilever type, wheeled, electro-hydraulic or electro-mechanical, with or without lifting arms removed, see Notes, items 17762 and 17763	100	65	15
[E]17762-B	NOTE—Rubber cushion pads when removed from lift arms must be shipped in boxes.			
[E]17763	NOTE—Also applies on lifts designed for buses, trucks or similar vehicles.			
18300-A	Automobile Parts GROUP: subject to item 17800 Body Trim Material, fabric, leather, artificial leather, oil cloth, etc., A Cancel; obsolete.			
[E]18496-A	Detonators or Squibs, crash protection air bag deploying, Class B or C explosives or other than Hazard Class 1, Division 1.1 or 1.2 explosives:			
Sub 1	Actual value not exceeding \$20.00 per pound, see Note, item 18497	85	55	36
Sub 2	Actual value exceeding \$20.00 per pound, see Note, item 18497	500	30	24
[E]18497-B	NOTE—Actual value must be shown by shipper on bills of lading and shipping orders at time of shipment. If statement of value is inadvertently omitted, shipment will be subject to highest class provided, subject to adjustment by carrier upon presentation of proof that actual value did not exceed \$20.00 per pound.			
[E]18630-A	Engines, automobile, used; or Used Automobile Parts, see Note, item 18634; prepaid, see Notes, items 18632 and 18636:			
Sub 1	Weighing each less than 50 pounds:			
Sub 2	Loose	85	37.5	30
Sub 3	In packages	70	37.5	30
Sub 4	Weighing each 50 pounds or over, loose, in packages or on skids	70	37.5	30
[E]18632-C	NOTE—Other classification items showing more specific descriptions of individual articles, but which make no distinction between new and used articles, will not apply to such used parts unless the provisions in such items are lower than those provided herein.			
[E]18634-A	NOTE—Except bodies; body sections, NOI; body sections combined with hoods, fenders, rear decks, radiators or other parts; hoods, doors, fenders, rear decks or radiators, separate or combined, or combined with other automobile parts; quarter panel assemblies, with or without wheelhouses; coal top assemblies; lower back assemblies; wheelhouses; rear deck tops; rear windows; dashboards (dashes); roofs; floor pans; shrouds; hinge pillar assemblies; center pillars; rocker panels; instrument panels; rear compartment pans; or seats.			
[E]18636-C	NOTE—Applies only when the articles are used, and have value not exceeding the value for reconditioning or salvaging purposes, and only when described at time of shipment on shipping orders and bills of lading as "used automobile engines," or "used automobile parts," as the case may be. Used automobile parts or engines which have been reconditioned or rebuilt in any way will be classified under the specific classification item number as new.			
[E]19220-A	Pipe or Tubing, steel, copper plate or terne plate, etc., Cancel; see item 125850.			
[38]19350-A	Seats, bus passenger, etc., Cancel; see item 172670.			
[38]19410-A	Seats, drivers', freight automobile, etc., Cancel; see item 172670.			
[38]19411-A	NOTE—Cancel; no further application.			

SUPPLEMENT 4 TO NMF 100-R

Item	ARTICLES	CLASSES		MW
		LTL	TL	
	<b>AUTOMOBILE PARTS GROUP: subject to item 17800</b>			
[38] 19420-A	Seats, NOI, etc., .....Cancel; see item 172670.			
[38] 19430-A	Seats or Chairs; truck, van or freight automobile, etc., .....Cancel; see item 172670.			
	<b>BOILERS GROUP: subject to item 25400</b>			
25720-A	Boiler Sections, cast iron; Grate Bars, cast iron; Doors, with or without frames, iron or steel; etc., .....Cancel; obsolete.			
25722-A	NOTE— .....Cancel; no further application.			
25760-A	Boilers, heating or power, cast iron; Bars, grate, cast iron; Bolts or Nuts, iron or steel; Brushes, wire; Casings, iron or steel, insulated or not insulated; Doors, with or without frames, iron or steel; Parts, cast iron boiler, NOI; Pokers, fire, iron; Radiators, hot water or steam, iron, NOI, including tubular gas radiators; Sections, boiler, cast iron; Scrapers, ash, iron; With or without articles named in Note, item 25722, in mixed TL, or in mixed TL with furnaces, house heating, hot air .....Cancel; obsolete.			
25800-A	Boilers, heating; Boilers, range, steel; Heaters, water, see Note, item 25802; Radiators, hot water or steam, NOI; Tanks, air pressure, steel; Tanks, expansion; Tanks, hot water storage, hydro-pneumatic or water heater, steel, see Note, item 25804; In mixed TL, see Note, item 25806 .....Cancel; obsolete.			
25802-A	NOTE— .....Cancel; no further application.			
25804-A	NOTE— .....Cancel; no further application.			
25806-A	NOTE— .....Cancel; no further application.			
	<b>BOX GROUP: subject to item 28900</b>			
	Boxes: subject to item 28940			
29000-A	Banana Shipping, etc., .....Cancel; obsolete.			
[2] 29393-A	Letter, Mail or Postal, in boxes:			
Sub 1	NOI	150	92.5	14
Sub 2	Iron or sheet steel	100	70	18
Sub 3	Aluminum and steel, gang type, see Note, item 29394	100	60	20
Sub 4	Alloy of aluminum and steel, other than gang type, having a wall thickness of 1/4 inch or greater and having a density in pounds per cubic foot of 15 or greater, see Note, item 29396	70	40	36
Δ 29394-B	NOTE—Gang-type refers to a type of mailbox which is a single unit of multiple compartments, generally for mounting into walls.			
[2] 29396	NOTE—Shipper must certify on shipping orders and bills of lading at time of shipment that density is 15 pounds or greater per cubic foot. If shipper fails to certify density at time of shipment, the provisions of sub 1 of item 29393 will apply.			
29460-A	Milk, doorstep, steel, etc., .....Cancel; obsolete.			
	<b>BRASS, BRONZE OR COPPER: subject to item 30100</b>			
30880-A	Wash-Boilers, copper, etc., .....Cancel; obsolete.			
	<b>BUILDING MATERIALS, MISCELLANEOUS, GROUP: subject to item 33570</b>			
[2] 34340-A	Doors, revolving, in boxes or crates:			
Sub 1	SU or SU in sections	250	250	AQ
Sub 2	KD	85	55	24
[2] 35080	Panels or Wall Sections, building construction, consisting of wire mesh with a core of expanded plastic insulation, in packages	250	250	AQ
	<b>BUILDING METALWORK GROUP: subject to item 35600</b>			
[2] 35810-A	Building Construction Wall Sections, NOI, with or without insulation, see Notes, items 35812 and 35814, LTL, in packages; TL, loose or in packages:			
Sub 1	With door or window openings exceeding 45 percent of surface area of section	100	60	16
Sub 2	Without door or window openings or with openings not exceeding 45 percent of surface area of section:			
Sub 3	Iron or steel	70	40	30
Sub 4	Metal other than iron or steel, or metal combined with iron or steel	85	55	30
Δ 35812-C	NOTE—Also applies on accompanying cement, fittings or fastenings necessary for installation.			
Δ 35814-C	NOTE—Does not apply on cooling or freezing room wall sections; for classes, see item 53120.			
	<b>CABINETS, OR PARTS NAMED: subject to item 39200</b>			
39360-A	Loudspeaker, wooden, KD, not further finished than primed, etc., .....Cancel; obsolete.			
	<b>CANDY GROUP: subject to item 39900</b>			
[2] 39970-A	Candy or Confectionery, NOI; Chocolate Candy or Confectionery, NOI; or Milk Chocolate Candy or Confectionery, NOI; see Notes, items 39974, 39976 and 39978, in barrels or boxes, in sheet steel wastebaskets in boxes, in steel or wooden baskets, pails or tubs, in veneer lined fibre boxes, in cans, pails, or tubs in crates or in Packages 1403 or 2495; TL, in Package 2231	65	40	36
Δ 39974-C	NOTE—Candy may contain not to exceed 10 percent of yeast.			

For explanation of abbreviations and reference marks, see last page of this supplement.

SUPPLEMENT 4 TO NMF 100-R

Item	ARTICLES	CLASSES		M/W \$
		LTL	TL	
△39976-C	NOTE—Also applies on candy in toys or novelties made wholly of glass or earthenware, except as to closing devices.			
△39978-C	NOTE—Not to exceed 10 percent of weight of shipment may consist of candy packed in toys made of plastic.			
41250-A	CARRIERS, SHIPPING, GROUP: subject to item 40770 Ice Cream, etc., △.....Cancel; obsolete.			
②47530-A	CHINA GROUP: subject to item 47490 Earthenware or Stoneware, Common Brown or Gray, Jugware, consisting of bowls, churn bodies, crocks, jars, jugs, pans, pitchers or pots, LTL, in barrels, boxes or crates; TL, in packages, or loose, packed in packing material.....Cancel; obsolete.			
48760-A	Closets, garbage, iron, cast or sheet, etc., △.....Cancel; obsolete.			
△48770-A	Closets, garbage, sheet iron, loose or in packages .....	125	70	18
48772-A	NOTE—△.....Cancel; no further application.			
49510-A	CLOTH, DRY GOODS OR FABRICS: subject to item 48920 Oilcloth Edging, in boxes △.....Cancel; obsolete.			
49520-A	Oilcloth, Including Remnants, Trimmings or Waste, having value other than for reclamation of rags, in packages △.....Cancel; obsolete.			
49880-A	CLOTHING GROUP: subject to item 49790 Clothing, NOI:			
Sub 1	Hanging on hangers or racks, in boxes or Package 1401; or in wheeled containers, other than canvas hampers .....	175	175	AO
Sub 2	Other than hanging on hangers or racks; in boxes, canvas hampers, see Note, item 49882, or Packages 88 or 2265:			
Sub 3	Density less than 12 pounds per cubic foot; or actual value exceeding \$9.50 per pound, see Note, item 49884; or where no density or value is shown at time of shipment .....	100	85	12
Sub 4	Density in pounds per cubic foot of 12 or greater, and actual value not exceeding \$9.50 per pound, see Notes, items 49883 and 49884 .....	77.6	55	24
△49882-A	NOTE—Canvas hampers must be constructed of canvas weighing 30 ounces per yard, securely closed and locked.			
49883-A	NOTE—Bills of lading and shipping orders must clearly show that density is 12 pounds or greater per cubic foot and that value per pound does not exceed \$9.50.			
△49884-A	NOTE—The level of the actual valuation specified in item 49880 shall be adjusted annually to reflect the percentage change in the Producer Price Index (PPI), provided such adjustment will result in a change of the then-existing valuation of at least five cents.			
②50155-A	Compounds, fireproofing, or Flame Retardants:			
Sub 1	Liquid, NOI, see item 60000 for classes dependent upon agreed or released value:			
Sub 2	In carboys .....	100	45	30
Sub 3	In barrels or boxes .....	70	45	30
Sub 4	Dry, see Note, item 50157, in bags, in Packages 248 or 2301 or in block form in Package 2273 .....	60	35	40
△50157-B	NOTE—Applies only on compounds containing not less than 65 percent by weight of ammonium sulfate and diammonium or monammonium phosphate.			
②50205-A	Compounds, hectograph, in boxes.....Cancel; obsolete.			
②50210-A	Compounds, hemp or flax straw softening, liquid, in barrels.....Cancel; obsolete.			
②50215-A	Compounds, hide gelatine setting, liquid, in barrels.....Cancel; obsolete.			
50227-A	Compounds, industrial process water treating, see Note, item 50228:			
Sub 1	Liquid, in barrels, boxes or Packages 2440, 2473 or 2499 .....	60	35	40
Sub 2	Dry, in bags, barrels or boxes .....	55	35	40
△50228-A	NOTE—Applies only on compounds which are of a bactericidal, fungicidal, corrosion-inhibiting or particle-dispersing nature, such as used in treatment of water during manufacture of leather, paint or paper.			
②50275-A	Compounds, refrigerating, consisting of mixture of sawdust and sodium chloride, in boxes.....Cancel; obsolete.			
②50285-A	Compounds, rock salt anti-caking, NOI, dry, in bulk in drums, or in Package 386.....Cancel; obsolete.			
②50420-A	Compounds or Agents, proprietary electroplating additive, see Note, item 50421, in bags, boxes, barrels or Package 2440 .....	55	35	40
△50421-C	NOTE—Applies only on proprietary compounds or agents formulated to enhance the quality of finish in electroplating processes.			
②54000-A	Cornwall Stone, etc.,.....Cancel; obsolete.			
②55200-A	Curtains, steel and artificial leather combined, etc.,.....Cancel; obsolete.			
②55240-A	Cuspidors, nickel plated or metal, NOI.....Cancel; obsolete.			
②59230	DRUGS, MEDICINES OR TOILET PREPARATIONS: subject to item 58500 Sanitary Napkins or Pads:			
Sub 1	NOI, in bales, boxes or Package 2278 .....	200	100	10
Sub 2	Individually packaged in inner containers, in boxes .....	125	100	12
②59415	Tampons:			
Sub 1	With applicators, in boxes or Package 2491 .....	92.5	70	22
Sub 2	Without applicators, in boxes .....	77.5	40	30
60000-A	Drugs, Chemicals, Medicines, Toilet Preparations and Other Articles Named in items making reference to this item, value declared in writing by the shipper, or agreed upon in writing as the released value of the property, not exceeding \$2.00 per pound, see Notes, items 60002 and 60004, in packages provided in separate descriptions for articles, see Note, item 60006 .....	70	40	30



Item	ARTICLES	CLASSES		MW 1
		LTL	TL	
60002-A	<p><b>NOTE</b>—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 shipping order and bill of lading as follows:</p> <p><i>'The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$52.00 per pound for each distribution package.'</i></p> <p>Carrier's maximum liability in the event of loss or damage will be determined separately for each distribution package lost or damaged by multiplying the weight of such distribution package by \$52.00 per pound. In no case will carrier's liability exceed the actual value of the property lost or damaged.</p> <p>The term 'distribution package' means any primary shipping package authorized by the provisions of individual tariffs or classification items making reference to item 60000. When a number of distribution packages have been unitized, strapped or otherwise fastened together, or contained on pallets, platforms or skids, or have been overpacked in an additional complying package, the carrier's maximum liability will be determined by separately multiplying the released value times the weight of each individual distribution package lost or damaged and not on the basis of the weight of the total number of distribution packages unitized, strapped or otherwise fastened together or contained on pallets, platforms or skids, or overpacked in an additional complying package. Where a distribution package contains articles which have released value rates or ratings and articles which do not, the carrier's maximum liability is to be determined by multiplying the total weight of the distribution package by the released value.</p> <p>Subject to the condition that the released value stated by the shipper shall be void as an agreement limiting the carrier's or freight forwarder's liability unless supported by a consideration in the form of a reduced charge for transportation.</p> <p>(Classes herein based on released value have been authorized by the Interstate Commerce Commission in Released Rates Order No. 972 of November 26, 1979, subject to complaint or suspension.) (See page 3 for state authorities.)</p>			
Δ60004-A	<p><b>NOTE</b>—Classes named in item 60000 will not apply if consignor fails or declines to declare value or agree to release value in writing in accordance with Note, item 60002, or if same or lower charges would result from the application of provisions in individual descriptions for articles.</p> <p><b>ELECTRICAL EQUIPMENT GROUP:</b> subject to item 60500</p>			
①61268	Can Openers, with or without integral sharpeners or ice crushers, in boxes .....	77.6	50	24
①62590-A	Openers, can, etc. .... Cancel; see item 61268.			
①63370	Toothbrushes, electric, see Note, item 63371, in boxes .....	92.6	50	24
①63371	<b>NOTE</b> —Applies on power handle and complement of brushes, with or without stand, holder, charger or carrying case.			
①64300-A	Explosives, consisting of ammunition, explosive or incendiary, or gas or smoke or tear producing; Explosives, NOI; Propellants, explosive; Blasting Agents; Fireworks; or Ammunition, small arms, blank or loaded; in containers as provided in Item 540:			
Sub 1	Class A, or Hazard Class 1, Division 1.1 or 1.2, see Note, item 64301 .....	200	100	24
Sub 2	Other than Class A, and other than Hazard Class 1, Division 1.1 or 1.2, see Note, item 64302 .....	85	55	36
①64301-A	<b>NOTE</b> —Applies only on articles named when classed as Class A or Class 1, Division 1.1 or 1.2, explosives in the U.S. Department of Transportation hazardous materials regulations. Bill of lading descriptions must also conform to the requirements of the U.S. Department of Transportation hazardous materials regulations.			
①64302-A	<b>NOTE</b> —Applies only on articles named, when classed as Class B or C, or Class 1, Division 1.3, 1.4, 1.5 or 1.6, explosives or as flammable solids or liquids in the U.S. Department of Transportation hazardous materials regulations. Bill of lading descriptions must also conform to the requirements of the U.S. Department of Transportation hazardous materials regulations. Does not apply on automotive air bag deploying detonators or squibs.			
①65760	<b>FARM EQUIPMENT GROUP:</b> subject to item 64600			
①65761	Scrapers, manure, rubber and metal combined, see Note, item 65761 .....	85	45	24
①65761	<b>NOTE</b> —Articles consist of used pneumatic tire segments with metal brackets for attaching to powered farm equipment.			
870050-A	Flags, mounted or not mounted; or Flag Sets, consisting of a flag, disassembled flag pole and mounting hardware; in packages, subject to Item 170 and having a density in pounds per cubic foot of:			
Sub 1	Less than 12 .....	100	70	30
Sub 2	12 or greater .....	85	65	30
Δ72502-A	<b>FOODSTUFFS GROUP:</b> subject to item 72000			
Δ72932-A	<b>NOTE</b> —Applies on compounds designed as a base or flavoring for alcoholic mixed drinks.			
73227-A	<b>NOTE</b> —Not applicable on fresh fish smoked for flavoring only.			
	Foodstuffs, other than frozen, Group 1, viz.:			
	Bean Dip (Bean Paste), with or without flavoring or seasoning ingredients;			
	Bread, Roll or Cake, other than fruitcake, in metal cans in boxes;			
	Cider Syrup (Boiled Cider);			
	Cocktail Mix, liquid, nonalcoholic, other than beverages, see Note, item 72502;			
	Cocoanut, prepared, also in five-ply paper bags or Package 775;			
	Compounds, food coating (Pre-breading Mix), milk and egg combined, dry;			
	Dressing, salad, other than dry, also in Packages 392, 1204, 1429, 2000, 2078, 2145, 2316, 2332 or 2375;			
	Extender, milk powder, blended, see Note, item 73229, also in bags;			
	Fish or Shellfish, cooked, pickled, preserved, dried, dry salted or smoked, NOI, see Note, item 72932;			

(Continued on following page)

SUPPLEMENT 4 TO NMF 100-R

Item	ARTICLES	CLASSES		MW
		LTL	TL	
	<b>FOODSTUFFS GROUP: subject to item 72000</b>			
73227-A (Con't.)	<p><b>Fish Balls;</b>  <b>Fish Roe</b>, other than caviar; cooked, pickled or preserved;  <b>Food</b>, baby, canned or preserved, see Note, item 73230, also in Packages 1000, 2093 or 2368;  <b>Fruit</b>, canned or preserved, NOI, other than dried or dehydrated or other than in alcoholic liquor, also in Packages 1000, 1264 or 2288; also TL, in Package 500;  <b>Fruit Butter or Pulp</b>, also in Packages 1000, 1264 or 2288; also TL, in Package 500;  <b>Fruit or Fruit Peel</b>, drained, or <b>Citrus Fruit Peel</b>, in brine, in glass or in metal cans, in boxes or crates, or in kits, pails or tubs, or in Package 1264 or in metal cans of not less than 3½ gallon capacity, tops securely fastened, loose;  <b>Honey</b>, comb, granulated, strained, creamed or flavored;  <b>Ingredients</b>, dinner or soup, NOI, see Note, item 73228, also in Packages 128, 510, 1000, 2421 or 2425; also TL, in Package 500;  <b>Jams, Jellies or Preserves</b>, edible, NOI, also in Packages 1000, 1264, 2288, 2375 or 2430; also TL, in Package 500;  <b>Juice</b>, clam or oyster;  <b>Juice</b>, fruit, artificial or natural, NOI, or <b>Cider</b>, also in pails or Packages 592, 1000, 1264, 2276, 2288, 2297, 2332, 2375, 2400, 2437, 2438 or 2467; also TL, in Package 500;  <b>Macaroni, Noodles, Spaghetti or Vermicelli</b>, dry, not cooked, NOI, also in double bags or in containers in paper bags; also TL, in Package 2231; or cooked, NOI, with or without cheese, meat, vegetables or other ingredients, in containers in boxes or crates or in Packages 128, 1000, 2330 or 2375; also TL, in Package 500;  <b>Meats</b>, cooked, cured or preserved, with or without vegetable, milk, egg or fruit ingredients, NOI, in glass or metal cans in barrels or boxes, also in Packages 1400, 1500, 2330 or 2448; also TL, in Package 500;  <b>Milk</b>, condensed or evaporated, liquid or paste, with or without vegetable fats, also in Package 1000; also TL, in Package 500; see Note, item 73231;  <b>Milk, Cream, Buttermilk or Dry Milk Solids</b>, powdered or flaked, with or without vegetable fats not exceeding one percent by weight, also in multiple-wall paper bags;  <b>Milk or Cream Substitutes</b>, other than milk, cream or milk solids, NOI, also in multiple-wall paper bags or Packages 2308 or 2332;  <b>Milk or Cream</b>, sterilized, in inner containers in boxes or in Package 2308;  <b>Mincemeal;</b>  <b>Molasses, NOI, or Syrup</b>, not medicated, NOI, see Note, item 73232, in containers in barrels or boxes, in bulk in barrels; also TL, in Package 500;  <b>Peanut Butter or Peanut Spread;</b>  <b>Pectin</b>, fruit or vegetable;  <b>Pickles</b>, NOI, see Note, item 73233, also in Packages 579, 1361 or 2467;  <b>Pizza Pie Mix</b>, consisting of flour, sauce and yeast, with or without other ingredients;  <b>Popcorn</b>, shelled, not popped, NOI, in bulk or in inner containers other than popping containers, also in Packages 2330 or 2448;  <b>Powder</b>, baking, also in five-ply multiple-wall paper bags;  <b>Puddings</b>, in containers in boxes;  <b>Rice</b>, cleaned, whole or broken, also in double bags, five-ply multiple-wall paper bags; or also TL, in Packages 55, 60, 2231 or 2382;  <b>Salads</b>, fish, macaroni, meat or vegetable, in glass or metal containers in boxes or in Package 2303;  <b>Sandwich Spreads, NOI, including Cheese Spreads</b>, also in Packages 1204, 1400, 1429, 2462 or 2474;  <b>Sauces or Toppings</b>, ice cream or dessert, NOI, including <b>Marshmallow Creme</b>; or <b>Nuts (Nutmeats)</b> in syrup or liquor, not pickled; in other than pressurized inner containers; also in Package 2288;  <b>Sauces</b>, table, NOI, other than dry, or <b>Gravy</b>, see Note, item 73234, also in Packages 392, 1204, 1429, 2000, 2078, 2093, 2140, 2288, 2303, 2330, 2332, 2375, 2430, 2438, 2449 or 2467;  <b>Soups, including Broths or Chowders</b>, also in Packages 505, 1000, 1500 or 2330; also TL, in Package 500; see Note, item 73236;  <b>Syrup</b>, brewers' malt yeast;  <b>Syrup</b>, flavoring or fruit, also in Packages 1000, 2035, 2288, 2402 or 2467; also TL, in Package 500;  <b>Tortillas</b>, not baked nor toasted;  <b>Vegetables</b>, canned or preserved, NOI, other than dried or evaporated, see Note, item 73235, also in Packages 1000, 1264, 2288, 2303, 2330, 2423 or 2438; also TL, in Packages 500, 1188 or 2450;  <b>Vinegar</b>, also in Package 2332;                      In barrels, boxes, crates or Packages 2463 or 2498 .....</p>			
Δ73228-A	NOTE—Applies only on mixtures of dry ingredients, cooked or not cooked; or on dry ingredients, cooked or not cooked, and ingredients other than dry in separate inner containers from the dry ingredients.	60	35	40
Δ73229-A	NOTE—Applies on mixtures of dried whey, wheat flour, soya protein concentrate and nonfat dried milk powder.			
Δ73230-A	NOTE—Applies only on foodstuffs and juices specially prepared and represented as baby foods.			
Δ73231-A	NOTE—Does not apply on material represented as vitamins or vitamin concentrates.			
Δ73232-A	NOTE—When in bulk in barrels or kits, bungs must be secured by metal fasteners; when in friction top cans or pails in boxes, the cans or pails must fit tightly within the box.			

Item	ARTICLES	CLASSES		MW
		LFL	TL	
	<b>FOODSTUFFS GROUP: subject to item 72000</b>			
Δ73233-A	NOTE—Applies on nuts or vegetables, NOI, pickled in brine or vinegar, and on fruits, NOI, pickled in vinegar.			
Δ73234-A	NOTE—Also applies on Catsup (Ketchup); Horseradish, prepared; Mayonnaise; Mustard, prepared; Sauce, pepper; and Basic Food Sauces, such as Marinara, Pizza, Spaghetti or Spanish Sauce.			
Δ73235-A	NOTE—Also applies on: Onion; Juice, pimiento; Juice, tomato; Juice, vegetable, NOI; Mush; Mushrooms, other than truffles; Oats; Olives; Paste, tomato; Pimientos; Pork and Beans; Potatoes and Cheese, in sauce; Pulp, tomato; Puree, tomato; Rice; Scrapple; Tomatoes; Wheat.			
Δ73236-A	NOTE—When commodities are hot packed, Package 1500 may be modified to include trays of 150 pound test when flange height is two inches and the heat shrinkable film is of 3 mil thickness. Film enclosure of completed package may have end openings.			
②74020-A	Milk Food, including Infant Formula, liquid, in barrels, boxes or Packages 186, 500, 1000 or 1428, see Note, item 74032:			
Sub 1	Containing less than 25 percent by weight of ingredients other than milk .....	60	35	36
Sub 2	Containing 25 percent or more by weight of ingredients other than milk .....	65	35	36
②74030-A	Milk Food, including Infant Formula, other than malted milk, other than liquid, in barrels, boxes or Package 1428, or in metal cans in crates, see Note, item 74032. See item 60000 for classes dependent upon agreed or released value .....	65	55	30
Δ74032-B	NOTE—Each inner package may contain not to exceed one 1-ounce package of vitamins, one feeding nipple, one tube of ointment not exceeding one-half ounce, one plastic cup, or packets of artificial flavoring not to exceed a combined weight of one-half ounce.			
②74840-A	Soybean Milk Compound, including Infant Formula, in barrels, boxes, five ply multiple-wall paper bags or Packages 186, 500 or 1000 .....	60	35	36
	<b>FURNITURE GROUP: subject to item 79000</b>			
79022-A	NOTE— (a) Any articles of furniture may be packed in wooden boxes or wood framed fibreboard boxes provided all finished surfaces or upholstered parts are first protected against damage by adequate padding material. Shipping orders and bills of lading must describe package as wood box or wood framed fibreboard box. The class applicable will be the lowest provided in the specific item for the article of furniture in the form in which shipped. (b) Where bursting tests are specified for containers, wrappers or interior packing, fibreboard must comply with the board weight requirements for the tests specified; where united inches are specified, it means inside length, width and depth added; where basis weight is referred to, weights are per ream of 500 sheets 24 x 36 inches. (c) All furniture packages of the 'F' or 'S' designation, constructed of corrugated fibreboard or wood or a combination thereof, must be conspicuously marked on at least one panel as follows: <div style="text-align: center;"> <p>↑</p> <p>UP</p> <p>FURNITURE</p> <p>FRAGILE, HANDLE WITH CARE</p> <p>↑</p> <p>OR</p> <p>UP</p> <p>FURNITURE, INCLUDING MIRRORS OR GLASS</p> <p>FRAGILE, HANDLE WITH CARE</p> <p>OR</p> <p>Articles of furniture packed in form-fitting, L-shaped containers, which may be shipped inverted upon each other without damage, may be marked to indicate loading in either vertical direction:</p> <p>↓</p> <p>FURNITURE</p> <p>FRAGILE, HANDLE WITH CARE</p> <p>↓</p> </div>			

(Continued on following page)

SUPPLEMENT 4 TO NMF 100-R

Item	ARTICLES	CLASSES		MW
		LTL	TL	
79022-A (Con't)	<p><b>FURNITURE GROUP:</b> subject to item 79000</p> <p>(d) All furniture packages of the 'F' or 'S' designation, constructed of corrugated fibreboard or in part as the outside shipping container must be conspicuously marked with package number and must bear certificate of maker showing name and address of maker and bursting test per square inch as shown within Item 222-1 (c).</p> <p>(e) Shipping orders and bills of lading must show package number of the package in which furniture is shipped. Where in the separate description of the article, specific package is not provided, but other form of shipping such as "loose" or "bundles" is provided such description must be shown.</p> <p>On TL shipments, package numbers or other package description may be omitted from shipping orders and bills of lading when shipper certifies on bills of lading and shipping orders as follows:</p> <p><i>"The packages or packing used for this shipment conform to the specifications of applicable Freight Classification."</i></p> <p>(f) Unless otherwise provided, where in individual packages the specifications require a 4-piece wood frame, whether or not diagonally braced, it must not be attached to the article. However, corrugated strips may be stapled to the inside of article structure with the other end of strip stapled to frame.</p> <p>(g) Articles with sliding doors in operating position must have such doors securely anchored and blocked in place.</p>			
79024-A	<p><b>NOTE</b>—The following paragraphs must be complied with when referenced by packaging specifications requiring the use of blankets or pads, see Notes, items 79027 and 79028. The specifications are absolute minimums and must be adhered to with no allowance for manufacturing tolerances.</p> <p>(1) Macerated paper blankets constructed with Kraft paper covers not less than 30 pounds basis weight. Kraft paper must be coated with adhesive on inner side of sheet. Filler of macerated paper must be of uniform thickness overall. Blankets must be sealed on four sides, and must weigh not less than 144 pounds per 1,000 square feet.</p> <p>(2) Shredded paper packing blankets constructed with Kraft paper covers not less than 30 pounds basis weight. Filler of shredded paper must be evenly distributed in each blanket to correspond to a minimum weight of 288 pounds per 1,000 square feet. The shredded paper must be secured to outer paper wrapper to prevent shifting.</p> <p>(3) Wood-wool packing blankets constructed with Kraft paper covers not less than 30 pounds basis weight. The edges of the paper must be lapped not less than ¼ inch and be glued entire length of blanket. The wood-wool must not be less than 120 knife cuts per inch and must be manufactured of thoroughly seasoned timber, moisture content not exceeding 25 percent, oven dry basis, and must be evenly distributed. The wood-wool must be secured to outer paper wrapper to prevent shifting. Blankets must weigh not less than 144 pounds per 1,000 square feet.</p> <p>(4) Wood fibre felt blankets not less than ¼ inch thick, see Note, item 79025. Wood fibre in the blanket must weigh not less than 54 pounds per 1,000 square feet and must consist of new wood fibres, felted and bonded together into a homogenous mat of uniform thickness and surfaced on one side with Kraft paper basis weight not less than 30 pounds.</p> <p>(5) Creped cellulose wadding blankets, embossed, containing not less than twelve plies of creped cellulose, having a minimum thickness not less than ¼ inch, see Note, item 79025, surfaced on the outer side with Kraft paper basis weight not less than 30 pounds. Cellulose wadding in the blanket must weigh not less than 56 pounds per 1,000 square feet except that when wadding contains no asphalt or other binder and is made of not less than 60 percent sulfate fibre, the weight per 1,000 square feet of the cellulose wadding in the blanket must be not less than 49 pounds.</p> <p>(6) Macerated paper blankets not less than ¼ inch thick, see Note, item 79025, weighing not less than 144 pounds per 1,000 square feet. Inside sheet must be made of Kraft paper weighing not less than 30 pounds basis weight, outside sheet must be made of Kraft paper, basis weight not less than 50 pounds. Both sheets must be coated on inside with adhesive.</p> <p>(7) Creped cellulose wadding blankets, embossed, containing not less than twelve plies of creped cellulose, having a minimum thickness not less than ¼ inch, see Note, item 79025, surfaced on outer side with Kraft paper basis weight not less than 40 pounds. Cellulose wadding in the blanket must weigh not less than 56 pounds per 1,000 square feet except that when wadding contains no asphalt or other binder and is made of not less than 60 percent sulfate fibre, the weight per 1,000 square feet of the cellulose wadding in the blanket must be not less than 49 pounds.</p> <p>(8) Cotton wadding cushioning blankets having a minimum thickness not less than ¼ inch, see Note, item 79025, surfaced on one side with Kraft paper basis weight not less than 30 pounds and on opposite side with creped cellulose wadding. Cotton wadding in the blanket must weigh not less than 60 pounds per 1,000 square feet, and the total weight of the blankets shall be not less than 82 pounds per 1,000 square feet.</p> <p>(9) Excelsior blankets with moisture content not exceeding 25 percent. Blankets must weigh not less than 144 pounds per 1,000 square feet. Excelsior must be evenly distributed to obtain uniform thickness throughout and must be covered on both sides with Kraft paper, basis weight not less than 30 pounds. Edges of sleeve must lap not less than ¼ inch and be glued entire length. Blankets 18 inches or more in width must have excelsior secured to outer wrapper to prevent shifting and ends must be sealed.</p> <p>(10) Cotton wadding cushioning blanket weighing not less than 50 pounds per 1,000 square feet, glazed on both sides.</p>			

(Continued on following page)

Item	ARTICLES	CLASSES		MW
		LTL	TL	S
③ 79024 A (Cont.)	<p><b>FURNITURE GROUP: subject to item 79000</b></p> <p>(11) Indented paper blankets made of not less than three thicknesses of paper which have been molded while the pulp still carried a 50 percent moisture content and covered on both sides with Kraft paper basis weight not less than 30 pounds. Edges of the sleeves must lap not less than 1/4 inch and be glued the entire length of the pad. Each thickness of molded paper must have a basis weight not less than 80 pounds and must be at least 3/16 inch thick. The three thicknesses must be so arranged in the pad as to prevent indentations nesting within each other. The combined pad must not be less than 3/16 inch thick, see Note, item 79025.</p> <p>(12) Shredded paper and wood-wool blankets constructed with Kraft paper covers not less than 30 pounds basis weight. Filler must consist of 90 percent paper shredded in widths not more than 1/4 inch wide and 10 percent wood-wool by volume, distributed evenly in each blanket to correspond to a minimum weight of 171 pounds per 1,000 square feet. Filler must be secured to outer paper wrapper to prevent shifting.</p> <p>(13) Paper blankets made of not less than five thicknesses of virgin Kraft paper, adhered to each other. Not less than four of the thicknesses must have indented pattern of waffle design with indentations arranged so as to prevent nesting of the sheets. The indented sheets each must have basis weight not less than 45 pounds after indenting, the other sheet must have basis weight not less than 40 pounds. Blankets must be not less than 3/16 inch thick, see Note, item 79025.</p> <p>(14) Indented paper blankets constructed of four thicknesses of indented paper, indentations so arranged as to prevent nesting in each other, and two thicknesses of chip paper, not indented, arranged one thickness on top and one thickness on bottom of the four thicknesses of indented paper. All six thicknesses must be enclosed in a sleeve of machine glazed Kraft paper. Each thickness of indented paper and chip paper must have a basis weight of not less than 60 pounds and the machine glazed Kraft must have a basis weight of not less than 30 pounds. The blanket must be not less than 1/4 inch thick, see Note, item 79025.</p> <p>(15) Shredded paper packing blankets constructed with Kraft paper covers not less than 40 pounds basis weight. Filler of shredded paper must be of uniform thickness and secured to outer wrapper to prevent shifting. Blankets must weigh not less than 144 pounds per 1,000 square feet.</p> <p>(16) Macerated paper pads weighing not less than 144 pounds per 1,000 square feet, covered on both sides with Kraft paper not less than 40 pounds basis weight. Pads must be coated on inside with adhesive.</p> <p>(17) Shredded paper packing pads weighing not less than 144 pounds per 1,000 square feet, covered on both sides with Kraft paper not less than 30 pounds basis weight. Shredded paper must be uniform in thickness throughout pads. Edges of sleeve must lap not less than 1/4 inch and be glued entire length of pad.</p> <p>(18) Wood excelsior packing pads weighing not less than 144 pounds per 1,000 square feet covered on both sides with Kraft paper not less than 30 pounds basis weight. Excelsior must be uniform in thickness throughout pads. Edges of sleeves must lap not less than 1/4 inch and be glued entire length of pad.</p> <p>(19) Pads made of three or more thicknesses of paper with indentations, covered on both sides with Kraft paper, basis weight not less than 30 pounds. Pads must be not less than 3/16 inch thick, see Note, item 79025. Edges of sleeve must lap not less than 1/4 inch and be glued entire length of the pad. Indented paper must have total basis weight not less than 240 pounds and the thicknesses must be so arranged in the pad as to prevent indentations nesting in each other.</p> <p>(20) Creped cellulose wadding pads, embossed, containing not less than twelve plies of creped cellulose, having a minimum thickness not less than 1/4 inch, see Note, item 79025, surfaced on outer side with Kraft paper, basis weight not less than 30 pounds. Cellulose wadding in the pad must weigh not less than 56 pounds per 1,000 square feet except that when wadding contains no asphalt or other binder and is made of not less than 60 percent sulfate fibre, the weight per 1,000 square feet of the cellulose wadding in the pad must be not less than 49 pounds.</p> <p>(21) Shredded paper and wood-wool pads constructed with Kraft paper covers not less than 30 pounds basis weight. Filler must consist of 90 percent paper shredded in widths not more than 1/4 inch wide and 10 percent wood-wool by volume, distributed evenly in each pad to correspond to a minimum weight of 171 pounds per 1,000 square feet. Edges of sleeve must lap not less than 1/4 inch and be glued entire length of pad.</p> <p>(22) Pads made of not less than one thickness of molded pulpboard not less than 150 pounds basis weight, not less than one thickness of paperboard not less than 80 pounds basis weight, enclosed in sleeve made of Kraft paper not less than 30 pounds basis weight. The molded pulpboard must be made with ribs not less than 3/16 inch wide, spaced not more than 1/2 inch apart, filled with pulp, and not less than four times as thick as the balance of the board. Paperboard must rest on ribs. Weight of pad must be not less than 96 pounds per 1,000 square feet.</p> <p>(23) Blankets or pads made of double-faced corrugated fibreboard not thinner than A-flute, the corrugating medium and each liner complying with the thickness and weight basis provided in Sec. 5 of item 222, to which must be laminated creped cellulose wadding. Wadding must be not less than .06 inch thick, weighing not less than 20 pounds per 1,000 square feet, surfaced on one side with Kraft paper, basis weight not less than 20 pounds.</p>			

(Continued on following page)

SUPPLEMENT 4 TO NMF 100-R

Item	ARTICLES	CLASSES		RIW %
		LTL	TL	
	<b>FURNITURE GROUP: subject to item 79000</b>			
② 79024-A (Con't)	<p>(24) Paper pads made of not less than four thicknesses of virgin Kraft paper, adhered to each other. Not less than three of the thicknesses must have indented pattern of waffle design with indentations arranged so as to prevent nesting of the sheets. The indented sheets each must have basis weight not less than 45 pounds after indenting, the other sheet must have basis weight not less than 40 pounds. Pad must be not less than 1/4 inch thick, see Note, item 79025.</p> <p>(25) Quilted form-filling pads or blankets made of cotton cloth, cotton filled, weighing not less than 3 1/2 ounces per square foot. Blankets or pads must be equipped with cloth tape or straps to securely affix to article.</p> <p>(26) Cotton wadding cushioning pads having a minimum thickness not less than 1/4 inch, see Note, item 79025, surfaced on one side with Kraft paper basis weight not less than 30 pounds and on opposite side with creped cellulose wadding. Cotton wadding in the pad must weigh not less than 60 pounds per 1,000 square feet and the total weight of the pads shall be not less than 82 pounds per 1,000 square feet.</p> <p>(27) Paper pads, made of not less than three thicknesses of waffle design indented virgin Kraft paper, with indentations so arranged as to prevent nesting of the sheets. The indented sheets each must have basis weight of not less than 45 pounds after indenting and must be fully sleeved in virgin Kraft paper of basis weight not less than 30 pounds. Edges of sleeve must lap not less than 1/4 inch and lap must be glued entire length of pad. Pad must be not less than 1/4 inch thick, see Note, item 79025.</p> <p>(28) Paper blankets made of not less than three thicknesses of indented virgin Kraft paper, molded with not less than 12 percent moisture content and sheets so arranged as to prevent nesting of the indentations. The indented sheets must each have basis weight of not less than 45 pounds after indenting and must be fully sleeved in wet strength extensible Kraft paper complying with item 200, Sec. 2, Table C, for basis weight not less than 50 pounds. Edges of sleeve must lap not less than 1/4 inch and lap must be glued entire length of blanket. Blanket must be not less than 3/8 inch thick, see Note, item 79025.</p> <p>(29) Blankets or pads made of extruded, closed cell foam sheeting of a minimum 3/8 inch thickness may be of polypropylene having a density of not less than 0.6 pounds per cubic foot or of polyethylene of not less than 1.0 pound per cubic foot.</p> <p>(30) Pads made of nonwoven fibre bonded to polyethylene foam thickness 1/4 inch or greater.</p> <p>(31) Blankets or pads made of not less than two interior plies of material consisting of any combination of Kraft paper, or indented paper having a basis weight of not less than 30 pounds or a nonwoven synthetic fibre material. Interior plies must be enclosed in a sleeve consisting of a nonwoven synthetic fibre top sheet having a thickness of not less than 20 mils and a back sheet of Kraft paper having a basis weight of not less than 30 pounds. The two separate materials making up the sleeve must have edges which overlap not less than 1/4 inch and are glued entire length of pad.</p> <p>(32) A lamination of a soft bleached recyclable cellulose fibre tissue material of not less than 30 pounds per ream to a backup construction of necessary plies of corrugated fibreboard or linerboard to meet necessary clearance requirements.</p>			
Δ 79027-B	NOTE—Where in furniture packages blankets meeting requirements of Note, item 79024, Paragraph (5) are authorized, blankets conforming to Paragraph (8) may be used, and where pads meeting requirements of Paragraph (20) are authorized, pads conforming to Paragraph (26) may be used.			
② 79028-A	NOTE—Where in furniture packages blankets and pads meeting requirements of Note, item 79024, paragraphs (5) and (20) are authorized, blankets and pads conforming to paragraph (29), (31) or (32) may be used.			
79550-B	Mattresses, NOI, see Notes, items 79552 and 79553; Upholstered Box Springs; or Waterbeds, see Note, item 79554; in Packages 5F, 10F, 12F, 30F, 47F or 90F; in bales wrapped in paper and outer covering of burlap weighing not less than 10 ounces per square yard; also TL, in Package 9F, except bags or wrappers may be glued as provided in Package 12F in lieu of tying, and such bags must be marked "Not acceptable for LTL shipments"; subject to Item 170 and having a density in pounds per cubic foot of:			
Sub 1	Less than 4, (see Note, item 79555)	250	250	AO
Sub 2	4 or greater	200	200	AO
Δ 79552-B	NOTE—Applies only on mattresses having a thickness of not less than three inches equipped with a cover made of cloth or plastic film or sheeting.			
Δ 79553-B	NOTE—Mattresses may be shipped in Package 11F. Crib mattresses may be shipped in Package 36F.			
Δ 79554-B	NOTE—Applies only on waterbeds consisting of a mattress (foam, cellular, expanded or sponge plastic or rubber pad, integral water cylinders or bladder, and plastic liner, with fabric covering) with or without a pedestal or platform.			
*79555	NOTE—The charge for packages or pieces subject to a particular density group may be assessed on the basis of the next lower class provided in connection with the next heavier density group at the weight which would accrue from multiplying the cubage of such packages or pieces by the lowest density named in the density group which provides the next lower class. In each such instance, the actual cube, actual weight, density group embracing the actual density, declared density and resultant weight for billing purposes (declared weight) of the pieces for which density is being declared must be shown by shipper on shipping orders and bills of lading at time of shipment.			

Item	ARTICLES	CLASSES		MW
		LTL	TL	
	<b>FURNITURE GROUP: subject to item 79000</b>			
	<b>Metallic or Wooden: subject to item 79600</b>			
△80082-A	NOTE—When separately packaged, tops made of stone, cast or natural, will be subject to the applicable classes for stone. Stone tops may be packed in Package 94F.			
80120-A	Bureaus, Armoires (Door Chests) or Armoire Tops, Chest-Desks, Chests of Drawers, Chiffoniers, Chifforobes, Dressers, Highboys, Lowboys, Night Stands, Night Tables, Night Stand Commodes, Sanitary Commodes, Washstands or Washstand Commodes, wooden, see Note, item 80082:			
Sub 1	SU, in Packages 1F, 2F, 3F, 5F, 21F, 22F, 28F, 30F, 37F, 71F, 77F, 138F, □146F or 3003S; also night stands, night tables, night stand commodes or sanitary commodes in Package 26F	125		See item 82700
Sub 2	KD flat, in Packages 1F, 2F, 3F, 5F, 19F, 30F or 71F; or in the white, in Package 25F	85		See item 82700
	Tables: subject to item 82100			
82130-A	Wooden, see Notes, items 82132 and 82136:			
Sub 1	SU, or folded other than flat, in Packages 1F, 3F, 5F, 21F, 22F, 28F, 30F, 34F, 37F, 85F, 132F, 133F, □146F, 2354 or 3003S	150		See item 82700
Sub 2	KD, finished, in Packages 1F, 3F, 5F, 19F, 21F, 22F, 30F, 38F, 138F, 140F or 141F	85		See item 82700
Sub 3	KD, not finished, in Package 9F	85		See item 82700
△82132-A	NOTE—There may be included one lawn umbrella for each table.			
△82136-A	NOTE—Table leaves may be packed in Package 19F.			
□86340-A	Gelatine Sheets, transparent, in boxes See item 60000 for classes dependent upon agreed or released value .....Cancel; obsolete.			
	<b>GLASS: subject to item 86500</b>			
△86700-A	Glass, flat, see Note, item 86736, NOI:			
△86720-A	Bent, NOI, in boxes; also TL, in Packages 227 or 300:			
Sub 1	220 united inches or less	85	55	30
Sub 2	Exceeding 220 united inches but not exceeding 15 feet in length nor 9 feet in breadth	100	70	24
Sub 3	Exceeding 15 feet in length or 9 feet in breadth	250	70	24
86730-A	Not bent, see Note, item 86731, in boxes, crates or Packages 195, 198, 235, 785, 2008, 2025, 2147, 2149, 2160, 2239, 2245, 2281 □ or 2497; also TL, in Packages 227, 300, 338, 1339, 1363, 2038, 2363 or 2384:			
Sub 1	220 united inches or less, see Note, item 86737	65	35	40
Sub 2	Exceeding 220 united inches but not exceeding 15 feet in length nor 9 feet in breadth	100	35	40
Sub 3	Exceeding 15 feet in length or 9 feet in breadth	200	45	40
△86731-A	NOTE—Flat glass, not bent, may also be cut to size, edges beveled or ground, or holes cut or drilled.			
△86736-A	NOTE—The term 'flat' applies to glass known as sheet, plate, polished prism, rolled, window or float glass, whether or not polished, laminated, colored, opalescent, opaque, chipped, decorated, wired, etched, figured, acid dipped, ground, sandblasted, metalized (sprayed with atomized metal while glass is hot) or tempered, but not when silvered for mirrors, nor flashed, nor framed or leaded (set in or framed by lead or other metal).			
△86737-A	NOTE—TL provisions will also apply when glass is shipped on its flat surface in wooden boxes on pallets.			
	<b>HARDWARE GROUP: subject to item 92900</b>			
93410-A	Bolt Shields or Anchors, expansion, metal, NOI, in bags, barrels or boxes	70	40	30
△94353-A	Concrete Anchors, expansion, iron or steel, consisting of bolt or rod and anchor, with or without nuts or washers; or Concrete Bolt Shields or Anchors, expansion, iron or steel; in boxes, subject to item 170 and having a density in pounds per cubic foot of:			
Sub 1	Less than 75	60	35	40
Sub 2	75 or greater	60	35	40
	<b>HOUSEHOLD UTENSILS GROUP: subject to item 100500</b>			
□100610	Can Openers, hand operated, in boxes	70	50	30
△100750	Cookware, NOI, aluminum, other than cast, in boxes	100	77.5	14
□101210-A	Openers, can, hand operated, in boxes .....Cancel; see item 100610.			
□101430-A	Toothbrushes, electric, etc., .....Cancel; see item 63370.			
□101432-A	NOTE—.....Cancel; see item 63371.			
	<b>INSULATING MATERIAL GROUP: subject to item 103000</b>			
△103028-C	NOTE—TL provisions also apply on metal fastening bands, canvas lap or binding strips, asphalt, asphaltum or coal tar paint, cement, bearings, iron hooks, adhesive paste, staples or wire necessary for installation but not in excess of 33% percent of weight upon which charges are assessed.			
□103300-A	Insulating Material, viz.:			
	Fire Blocking or Sound Attenuation Material, consisting of glass fibres and unexpanded vermiculite, in sheet form, cut, grooved or bent;			
	Insulating Material, NOI, see Notes, items 103028 and 103302;			
	Sleeves or Hollow Shapes, mold riser, exothermic compound;			
	In packages, subject to Item 170 and having a density in pounds per cubic foot of:			
Sub 1	Less than 1, see Note, item 103304	400	400	AO
Sub 2	1 but less than 3, see Note, item 103304	300	300	AO
Sub 3	3 but less than 6, see Note, item 103304	200	200	AO
Sub 4	6 but less than 9, see Note, item 103304	125	85	15
Sub 5	9 but less than 12, see Note, item 103304	100	70	18
Sub 6	12 but less than 15, see Note, item 103304	85	55	26
Sub 7	15 or greater	70	40	36
△103302-C	NOTE—TL provisions also apply on materials necessary for installation not to exceed 33% percent of the weight upon which charges are assessed.			

SUPPLEMENT 4 TO NMF 100-R

Item	ARTICLES	CLASSES		MW
		TL	IL	
△103304-C	NOTE—The charge for packages or pieces subject to a particular density group may be assessed on the basis of the next lower class provided in connection with the next heavier density group at the weight which would accrue from multiplying the cubage of such packages or pieces by the lowest density named in the density group which provides the next lower class. In each such instance, the actual cube, actual weight, density group embracing the actual density, declared density and resultant weight for billing purposes (declared weight) of the pieces for which density is being declared must be shown by shipper on shipping orders and bills of lading at time of shipment.			
①103305-A	NOTE—Cancel; see item 103300.			
③108650-A	Lacquered Ware, NOI, etc., .....Cancel; obsolete.			
①111050-A	Leaves or Buds, palmetto or palm, etc., .....Cancel; obsolete.			
	MACHINERY GROUP: subject to item 114000			
◆★114028	Aerators or Mixers, water or liquid, floating, with flotation devices, see Note, item 114029, in crates or on pallets or skids:			
Sub 1	NOI	250	260	AO
Sub 2	With flotation collar detached; or with floats, pontoons or other flotation devices detached and supporting framework disassembled in same or separate package	92.5	65	24
◆★114029	NOTE—Applies on articles such as those used in waste water treatment ponds or aquatic farming ponds. Bearings or Bushings: subject to item 114800			
△114840-A	Other than ball or roller:			
114850-A	Iron or steel, see Note, item 114852, in boxes, or in packages if weighing each 25 pounds or over	70	45	30
△114852-A	NOTE—Applies on iron or steel bearings with or without soft metal bearing surfaces, or on bushings with soft metal bearing surfaces, but will not apply on iron or steel bearings or bushings with ball or roller bearing surfaces.			
114870-A	Metal, other than iron or steel, in boxes, or in packages if weighing each 25 pounds or over	77.5	45	30
114880-A	Wooden, in bags, barrels or boxes .....Cancel; obsolete.			
115620-A	Bushings, NOI, iron or steel without soft metal bearing surfaces, in packages	65	40	36
	Cereal Milling: subject to item 116600			
117000-A	Mixed TL of crushing or grinding mills, etc., .....Cancel; obsolete.			
117002-A	NOTE—Cancel; no further application.			
③①117850-A	Cleaners, Sweeps or Vacuums, swimming pool, automatic, see Note, item 117851, in boxes	125	65	15
③①△117851-B	NOTE—Applies only on swimming pool cleaning devices with or without hoses, which connect to a swimming pool water circulation system and are propelled by water pressure.			
①118100-A	Compressors, air, NOI; or Air Ends, NOI; with or without air tanks, hose or nozzles, mounted or not mounted, in boxes or crates or protected by a full-height fibreboard cap testing not less than 275 pounds when unit is not mounted but secured to a wooden pallet base or when on skids	85	45	30
◆★118250-A	Copying, Duplicating or Reproducing Machines, NOI, see Note, item 118252, in boxes, crates or Packages 1168, 2254 or 2373:			
Sub 1	Actual value not exceeding \$30.00 per pound, see Note, item 118253	100	55	30
Sub 2	Actual value exceeding \$30.00 per pound but not exceeding \$65.00 per pound, see Note, item 118253	150	70	30
Sub 3	Actual value exceeding \$65.00 per pound but not exceeding \$100.00 per pound, see Note, item 118253	200	100	30
Sub 4	Actual value exceeding \$100.00 per pound, see Note, item 118253	300	150	30
◆△118252-A	NOTE—Applies only on machines which produce copies, duplicates or reproductions from original letters, drawings, documents or printed matter of any kind, or from master sheets.			
◆★118253	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. Grading or Road Making Implements: subject to item 122000			
③①122065-A	Drums, Rotors or Wheels, scarifier, iron or steel, without cutting teeth, banded to pallets or skids	85	45	24
	POSTPONEMENT NOTICE—The provisions of item 122065 shown on page 23 of Supplement 2 are hereby postponed FROM June 29, 1991 TO October 5, 1991.			
①123200-A	Ice Making or Refrigerating Machinery or Machines:			
①123220-A	Accumulators, Distillers, Purifiers, Receivers or Regenerators, gas or liquid, etc., .....Cancel; see item 123230.			
①123230	Accumulators, Distillers, Purifiers, Receivers or Regenerators, gas or liquid:			
Sub 1	Loose or on skids	85	45	24
Sub 2	LTL, in boxes or crates; TL, in packages	77.5	45	24
①123240-A	Agitators, brine (Brine Propellers), in boxes or crates .....Cancel; obsolete.			
①123260-A	Attenuators .....Cancel; obsolete.			
①123270	Compressors, refrigeration or air conditioning, NOI:			
Sub 1	Loose; loose on skids; or in packages where no density is shown on shipping orders and bills of lading at time of shipment	85	45	30
Sub 2	In boxes, crates or Package 2490, having a density in pounds per cubic foot of:			
Sub 3	Less than 30, see Note, item 123271	70	45	30
Sub 4	30 or greater, see Note, item 123271	65	40	36



Item	ARTICLES	CLASSES		MW
		LTL	TL	
	<b>MACHINERY GROUP: subject to item 114000</b>			
	<b>Ice Making or Refrigerating Machinery or Machines: subject to item 123200</b>			
(1)123271	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, charges will initially be assessed under the sub 1 provisions of item 123270. Upon satisfactory proof of actual density, freight charges will be adjusted accordingly.			
(1)123275	Compressors, refrigeration or air conditioning, used, having an actual value not exceeding \$1.50 per pound, in boxes or crates or on skids, having a density in pounds per cubic foot of, see Note, item 123276:			
Sub 1	Less than 30	16	40	36
Sub 2	30 or greater	60	35	40
(1)123276	NOTE—Density and value must be shown by shipper on shipping orders and bills of lading at time of shipment. If density or value is not shown and shipment is inadvertently accepted, charges will be assessed under sub 1 of item 123270, naming 'Compressors, refrigeration or air conditioning, NOL'			
(1)123280-A	Cans, ice, etc., .....Cancel; obsolete.			
(1)123290	Condensers, Equalizers or Exchangers, gas or liquid, iron or steel, without fins; or Coolers, brine or water, iron or steel; shell or pipe type, detached fittings must be in barrels, boxes or crates	71.5	45	24
(1)123300-A	Compressors, refrigeration or air conditioning, etc., .....Cancel; see item 123270.			
(1)123302-A	NOTE— .....Cancel; see item 123271.			
(1)123310	Cooling or Freezing Machines, NOI, see Note, item 123316, in boxes or crates or on skids; also TL, loose or on skids	85	45	24
(1)123315	Cooling or Freezing Machines, see Note, item 123316, used, having value only for reconditioning, actual value not exceeding 35 cents per pound, see Note, item 123317, in boxes or crates	10	45	24
(1)123316	NOTE—Applies only on cooling or freezing machines, such as are used with cooling boxes, refrigerators or air conditioning apparatus, and will also include not to exceed one refrigeration evaporator (cooling coil or cooling unit, other than evaporator-liners) for each machine			
(1)123317	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 35 cents. If the shipper fails to so certify the actual value per pound, the cooling or freezing machines will be classed per item 123310, naming 'Cooling or Freezing Machines, NOL'			
(1)123320-A	Condensers, Equalizers or Exchangers, gas or liquid, etc., .....Cancel; see item 123290.			
(1)123325	Cooling or Freezing Machines and Steel Refrigeration Evaporators (Cooling Coils or Cooling Units) combined, see Note, item 123326, on metal frames or metal panels, securely braced and racked in vehicle		45	24
(1)123326	NOTE—Applies only on refrigeration units named, such as are used with cooling boxes, refrigerators or air conditioning apparatus.			
(1)123340	Cutting or Sawing Machines, ice	92.5	45	24
(1)123380-A	Cutting or Sawing Machines, ice .....Cancel; see item 123340.			
(1)123390	Evaporator-liners, refrigerator or freezer, SU, with or without attached cooling or freezing machines, see Note, item 123391, in boxes or crates	200	150	10
(1)123391	NOTE—Applies only on evaporators, with or without shelves, which constitute the inner lining of refrigerators or freezers.			
(1)123400-A	Dumps or Thaw Basins, ice can .....Cancel; obsolete.			
(1)123410	Evaporators, refrigerator, NOI, with or without doors, shelves or freezing trays, see Note, item 123411, in boxes or crates	150	100	12
(1)123411	NOTE—Applies only on cooling or freezing compartments or cubicles for placement within refrigerators other than freezing boxes.			
(1)123420-A	Evaporator-liners, refrigerator or freezer, SU, with or without attached cooling or freezing machines, see Note, item 123422, in boxes or crates .....Cancel; see item 123390.			
(1)123422-A	NOTE— .....Cancel; see item 123391.			
(1)123440-A	Group Frames, ice can, steel, SU .....Cancel; obsolete.			
(1)123460-A	Headers, gas or liquid .....Cancel; see item 123470.			
(1)123470	Headers, gas or liquid	92.5	45	24
(1)123480-A	Hoists, ice can, hand, wheeled, etc., .....Cancel; obsolete.			
(1)123500-A	Ice Can Fillers, in boxes or crates .....Cancel; obsolete.			
(1)123510	Kits, tube, air conditioning or refrigeration system, see Note, item 123511, in packages	110	100	12
(1)123511	NOTE—Applies on kits consisting of two lengths of coiled copper tubing, one insulated and the other not insulated, with or without fittings, charged with refrigerant gas, or not charged, in stock lengths.		60	21
(1)123520-A	Tables, ice tilting, etc., .....Cancel; see item 123650.			
(1)123540-A	Tanks, water cooling, reboiling or skimming .....Cancel; obsolete.			
(1)123560-A	Ice Making or Refrigerating Machinery or Machines, etc., .....Cancel; obsolete.			
(1)123600	Refrigerating Units, truck, trailer or marine container, with or without heating apparatus, including fuel tank, in boxes or crates, see Note, item 123601	77.5	50	24
(1)123601	NOTE—Corrugated fibreboard boxes need not comply with the gross weight and united inches requirements of Item 222, Sec 3, Table A or B. Wooden crates must comply with Item 245, except evaporator coil section of article may protrude from crate not more than 40 inches when properly braced.			
(1)123620-A	Cooling or Freezing Machines, NOI, etc., .....Cancel; see item 123310.			
(1)123640-A	Cooling or Freezing Machines, old, used, etc., .....Cancel; see item 123315.			
(1)123642-A	NOTE— .....Cancel; see item 123316.			

SUPPLEMENT 4 TO NMF 100 R

Item	ARTICLES	CLASSES		MW
		LTL	TL	
	<b>MACHINERY GROUP: subject to item 114000</b>			
	<b>Ice Making or Refrigerating Machinery or Machines: subject to item 123200</b>			
① 123644-A	NOTE—.....Cancel; see item 123317.			
① 123650	Tables, ice tilting:			
Sub 1	Loose or on skids .....	125	45	24
Sub 2	LTL, in boxes or crates; TL, in packages .....	100	45	24
① 123660-A	Cooling or Freezing Machines and Steel Refrigeration Evaporators (Cooling Coils or Cooling Units) combined, etc.,.....Cancel; see item 123325.			
① 123662-A	NOTE—.....Cancel; see item 123326.			
① 123665-A	Gas or Liquid Compressors, old, used, having an actual value not exceeding \$1.50 per pound, etc.,.....Cancel; see item 123275.			
① 123666-A	NOTE—.....Cancel; see item 123276.			
① 123670-A	Kits, tube, air conditioning or refrigeration system, etc.,.....Cancel; see item 123510.			
① 123672-A	NOTE—.....Cancel; see item 123511.			
① 123680-A	Refrigerating Sections, cooling room, cast iron, loose or in packages, detached fittings must be in barrels, boxes or crates.....Cancel; obsolete.			
① 123685-A	Refrigerating Units, truck, trailer or marine container, etc.,.....Cancel; see item 123600.			
① 123686-A	NOTE—.....Cancel; see item 123601.			
① 123750-A	Refrigerator Evaporators, NOI, with or without doors, shelves or freezing trays, etc.,.....Cancel; see item 123410.			
① 123752-A	NOTE—.....Cancel; see item 123411.			
① 123755-A	Sections, brewery beer cooler, pipe type, etc.,.....Cancel; obsolete.			
① 125850-A	Mufflers, Exhaust Systems, Automobile Pipe, Surge Suppressors and related articles, viz.: Automobile Pipe or Tubing, steel, copper plate or ferrous plate, straight or bent, further processed than cut to length, see Note, item 125853; Exhaust Systems, internal combustion engine, see Note, item 125851; Hydraulic Accumulators; Industrial Noise, Pulsation or Surge Suppressors or Silencers; Mufflers, Resonators or Silencers, internal combustion engine; On skids or in packages, subject to item 170 and having a density in pounds per cubic foot of:			
Sub 1	Less than 1, see Note, item 125852 .....	400	400	AO
Sub 2	1 but less than 2, see Note, item 125852 .....	300	300	AO
Sub 3	2 but less than 4, see Note, item 125852 .....	250	250	AO
Sub 4	4 but less than 6, see Note, item 125852 .....	150	100	12
Sub 5	6 but less than 8, see Note, item 125852 .....	125	85	15
Sub 6	8 but less than 10, see Note, item 125852 .....	100	70	18
Sub 7	10 but less than 12, see Note, item 125852 .....	92.5	65	20
Sub 8	12 but less than 15, see Note, item 125852 .....	85	55	26
Sub 9	15 or greater .....	70	40	36
Δ 125851-C	NOTE—Exhaust systems consist of mufflers, resonators or silencers and exhaust or tail pipes, with or without head pipes, collectors, manifolds or mounting hardware.			
Δ 125852-C	NOTE—The charge for packages or pieces subject to a particular density group may be assessed on the basis of the next lower class provided in connection with the next heavier density group at the weight which would accrue from multiplying the cubage of such packages or pieces by the lowest density named in the density group which provides the next lower class. In each such instance, the actual cube, actual weight, density group embracing the actual density, declared density and resultant weight for billing purposes (declared weight) of the pieces for which density is being declared must be shown by shipper on shipping orders and bills of lading at time of shipment.			
① 125853	NOTE—Applies on the following types of automobile pipe or tubing: crankcase breather, crankcase ventilator, gasoline tank filler, exhaust, oil filler, oil strainer suction, radiator outlet, tailpipe or tailpipe extensions, or gas tank filler pipe fittings.			
129520-A	Scales: subject to item 129300 Scales, computing, factory or warehouse, livestock or railroad track, or vehicle, or scales, NOI, etc.,.....Cancel; obsolete.			
129522-A	NOTE—.....Cancel; no further application.			
① 129980-A	Shoe Stitching Machines or Shoe Stitching Machine Heads, used, having value only for reconditioning, salvage or as scrap, actual value not exceeding \$50.00 each, see Note, item 129982, in boxes or crates or on skids.....Cancel; obsolete.			
① 129982-A	NOTE—.....Cancel; no further application.			
▲ 131550-A	Textile Machine Parts: subject to item 131000 Warp Beams, with or without heads:			
Sub 1	New, or rebuilt, other than being returned after emptying; see Note, item 131554:			
Sub 2	Aluminum or magnesium, with or without steel shafts; in boxes, crates, Package 2364 Or steel cradles or racks furnished by shipper .....	100	70	16
Sub 3	NOI, in boxes, crates or Package 2364 .....	70	40	30
Sub 4	Used, being returned after emptying or to be repaired:			
Sub 5	In boxes, crates or Package 2364, see Note, item 131552 .....	60	40	30
Sub 6	In steel cradles or racks furnished by shipper .....	85	85	AO
Δ 131552-A	NOTE—Also applies on wooden beams, loose; or on metal beams in truckload quantities when loaded on rails or racks in vehicles so equipped.			
Δ 131554-A	NOTE—Wooden beams may be shipped loose provided the beam barrel surface subject to contact with other beam heads, when stacked in a trailer, is protected with wood lagging strapped to the barrel. Loose beams must be braced in trailer by shipper. Metal beams may be shipped in truckload quantities on rails or racks in vehicles so equipped.			

SUPPLEMENT 4 TO NMF 100-R

7

Item	ARTICLES	CLASSES		
		LTL	TL	MW
	<b>MACHINERY GROUP: subject to item 114000</b>			
[38] 132060-A	Tractor Seats, not upholstered, etc., .....Cancel; see item 172670.			
[38] 132062-A	NOTE—.....Cancel; no further application.			
[38] 132080-A	Tractor Seats, NOI, upholstered, etc., .....Cancel; see item 172670.			
[1] 134340-A	Meal, mussel, not edible, dry, etc., .....Cancel; obsolete.			
[1] 139580-A	Myrobalans, etc., .....Cancel; obsolete.			
[9] 141000-A	ONitro-cellulose (Collodid), non-fibrous, granular or flake, etc., .....Cancel; see item 141020.			
[9] 141020-A	ONitrocellulose (Collodid), nonfibrous, granular or flake, wet with alcohol or solvent or not less than 20 percent of water, in metal-lined wooden boxes or in barrels; or Nitrocellulose (Collodion Collon), fibrous, wet, with not less than 20 percent of water or 30 percent of alcohol or solvent, in wooden boxes or in barrels .....	70	45	36
[1] 141520-A	Nutgalls, in bags, barrels or boxes .....Cancel; obsolete.			
	<b>ORDNANCE GROUP: subject to item 145600</b>			
[38] 145660-A	Army Tractor Seats, KD or folded, etc., .....Cancel; see item 172670.			
	<b>PADS: subject to item 148800</b>			
[9] 148960-A	Sanitary, etc., .....Cancel; see items 59230 and 59415.			
	<b>PAINTS GROUP: subject to item 149500</b>			
149980-A	OPaint and related material, see Note, item 149997, viz: Additives, paint preserving (Barium-borate Compound); Color, mortar; Compounds, paint, lacquer, varnish, gum, resin, plastic or adhesive increasing, reducing, removing, thickening or thinning; Driers, paint or varnish; Fillers, wood; Lacquer; Liquids, bronzing; Oxide, zinc; Paints, Stains or Varnishes, NOI; Pigments, NOI; Plasticizers, paint, lacquer, varnish, gum, resin or plastic; Shellacs; Solvent, paint, lacquer, varnish, gum, resin, plastic, rubber or adhesive;			
Sub 1	Liquid or paste:			
Sub 2	In inner containers other than metal tubes, or other than in Package 2138, in boxes; in drums, kits, pails or portable tanks; or in Packages 1398, 2257, 2335, 2403, 2404, 2440, 2445, 2463, 2467, 2473 (or 2499, see Note, item 149995 .....	65	35	36
Sub 3	In metal tubes in boxes; or in glass in Package 2138, see Note, item 149995 .....	85	35	36
Sub 4	In carboys, other than plastic carboys .....	100	45	30
Sub 5	Dry, lump or powdered:			
Sub 6	In five-ply paper bags, double bags, drums, kits, pails or boxes; or in solid mass in Package 601; or in Packages 33, 934, 2301, 2374 or 2445 .....	65	35	36
Sub 7	In paper bags .....	60	35	36
Δ 149995-A	NOTE—Applies only on Bronzing Liquids, Lacquer, Paints, Stains or Varnishes, Shellacs or Wood Fillers.			
Δ 149997-A	NOTE—Also applies on accompanying items for personal safety during application of products, viz.: eye protection goggles, face respirators, gloves, face shields and ear plugs. Total of all safety devices in shipment not to exceed two percent of the weight on which charges are assessed.			
[9] 150180-A	OSolvent, spray paint, see Note, item 150182, in boxes .....Cancel; obsolete.			
[9] 150182-A	NOTE—.....Cancel; no further application.			
[9] 150220	OTurpentine, NOI, Including Pinene or Wood Turpentine, in barrels or boxes .....	65	35	40
[9] 150290	OWallpaper Remover, liquid, in boxes .....	70	40	36
	<b>PLASTIC MATERIALS, OTHER THAN EXPANDED, GROUP: subject to item 156100</b>			
[1] 156200-A	Flakes, NOI, Granules, Lumps, Pellets, Powder or Solid Mass, other than as described in items 46030 and 46032, in bags, barrels, boxes, pails or Packages 245, 248, 591, 1171, 1324, 2203, 2211, 2231, 2264, 2301, 2306, 2317, 2331, 2350 or 2383; also TL, in bulk .....	60	35	30
	<b>PLASTIC OR RUBBER ARTICLES, OTHER THAN EXPANDED, GROUP: subject to item 156500</b>			
Δ 157230-B	Tires, pneumatic, NOI; see Notes, items 157232 and 157234 .....	77.5	45	24
Δ 157232-B	NOTE—Tires may have steel bead locks inserted, may be mounted on steel rims or may contain flaps, inner tubes, refiners or valves.			
Δ 157234-B	NOTE—Tubeless tires (tires not employing tubes for retention of air) weighing each 700 pounds or more must have labels or placards attached by shipper to each side of tire warning against improper handling and stating methods of proper handling. Labels or placards must be printed in type not less than one-half inch in height.			
[9] 157235-A	Tires, pneumatic, used or defective; or Scrap Rubber Tires, having value only for reclamation of raw materials; see Note, item 157232, actual value not exceeding \$1.00 per pound, see Note, item 157236 .....	60	35	30
[9] 157236	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 \$1.00. If the shipper fails to so certify the actual value per pound, the tires will be classed per item 157226, 157227, 157230 or 157238, with the final determination of item dependent on the type of tire.			
[9] 157237-A	NOTE—.....Cancel; no further application.			
[9] 162920-A	<b>Pumice Stone, Including Lava Rocks:</b>			
Sub 1	Crude or ground, in bags, barrels or boxes .....	55	35	50
Sub 2	Forms or shapes, in barrels or boxes .....	85	55	24

For explanation of abbreviations and reference marks, see last page of this supplement.

SUPPLEMENT 4 TO NMF 100-R

Item	ARTICLES	CLASSSES		MW
		LTL	TL	
△ 171880-B	<b>RUBBER MATERIALS GROUP:</b> subject to item 171600			
② 171882-A	○Rubber, scrap, NOI, see Note, item 171884, in packages; also TL, loose	60	35	30
② 171884-A	NOTE—Cancel; no further application.			
	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 scrap rubber tires. Provisions for such tires are found in item 157235.			
[35] 172670	Seats, agricultural implement, automobile, tractor or vehicle, NOI, see Note, item 172671; LTL, in boxes or crates; TL, in packages; subject to Item 170 and having a density in pounds per cubic foot of:			
Sub 1	Less than 1, see Note, item 172672	400	400	AQ
Sub 2	1 but less than 2, see Note, item 172672	300	300	AQ
Sub 3	2 but less than 4, see Note, item 172672	250	250	AQ
Sub 4	4 but less than 6, see Note, item 172672	150	100	12
Sub 5	6 but less than 8, see Note, item 172672	125	65	15
Sub 6	8 but less than 10, see Note, item 172672	100	70	18
Sub 7	10 but less than 12, see Note, item 172672	92.6	65	20
Sub 8	12 but less than 15, see Note, item 172672	85	65	26
Sub 9	15 or greater	70	40	36
[35] 172671	NOTE—Also applies on finished Bus Passenger Seat Backs or Cushions.			
[35] 172672	NOTE—The charge for packages or pieces subject to a particular density group may be assessed on the basis of the next lower class provided in connection with the next heavier density group at the weight which would accrue from multiplying the cubage of such packages or pieces by the lowest density named in the density group which provides the next lower class. In each such instance, the actual cube, actual weight, density group embracing the actual density, declared density and resultant weight for billing purposes (declared weight) of the pieces for which density is being declared must be shown by shipper on shipping orders and bills of lading at time of shipment.			
① 176760-A	Sleeves or Hollow Shapes, mold riser, exothermic compound, in boxes or crates .....Cancel, see item 103300.			
② 177080-A	Spark Plugs, NOI, in boxes:			
Sub 1	Card mounted, blister packed or skin packed	100	65	24
Sub 2	Other than card mounted, blister packed or skin packed:			
Sub 3	Density less than 30 pounds per cubic foot; or actual value exceeding \$6.00 per pound, or where no density or value is shown at time of shipment	85	45	30
Sub 4	Density in pounds per cubic foot of 30 or greater, and actual value not exceeding \$6.00 per pound, see Note, item 177081	70	37.5	36
① 177081	NOTE—Shipper must certify on shipping orders and bills of lading at time of shipment that density is 30 pounds or greater per cubic foot and that the actual value per pound does not exceed \$6.00.			
② 180630-A	○Tankage, derived from meat refuse, etc., .....Cancel; see item 195920.			
② 180650-A	○Tankage, garbage, dry, or Tankage, NOI, etc., .....Cancel; see item 195925.			
① 183551	<b>TOOLS, OR PARTS NAMED:</b> subject to item 183550 NOTE—Provisions subject to this grouping will not apply on toy tools. Toy tools are classified under item 84260.			
② 186140-A	Spray Rods, in boxes or crates .....Cancel; obsolete.			
① 186870-A	Tools, hand, forged, NOI, see Note, item 186903, viz.: Adzes; Bars, claw or wrecking, or Crowbars; Bars, tamping or digging; Hammers, hand, with 4 pound or heavier head; Hoes, grub, hazel or accomac; Mallocks; Mauls; Picks; Sledges; Wedges; Blacksmiths' Anvil Tools, viz.: Chisels, counter-sink;                      Hardies; Cutters, cold or hot;                        Headers; Flatlers;                                        Punches; Fullers;                                         Swages; Hammers, set;                                Tongs; Railway Track Maintenance Tools: Chisels, track;                                Punches, track tie; Forks, rail;                                    Tongs, tie; Nippers, tie;                                  Wrenches, track; Pullers, spike; Without handles, or with attached handles, in packages	60	37.5	36

SUPPLEMENT 4 TO NMF 100-R

Item	ARTICLES	CLASSES		MW	
		LTL	TL		
①186900-B	Tools, hand, other than power, see Notes, items 186902 and 186903, viz.: Awls; Bevels; Bits, auger or drill, NOI; Boxes, miter; Braces; Chisels; Clamps or Screws, bench or hand; Clippers or Cutters, bolt; Compressors, piston ring; Countersinks; Drills, NOI, including Star Drills; Expanders; Extractors, pipe or screw; Files or Rasps; Gauges, carpenter; Gauges, railway track, also TL, loose; Grinders, valve; Hammers, hand, NOI, with or without handles; Holders, tool; Irons, caulking or yarning; Levels, including carpenters' or railway track; Planes; Pliers; Points, bull or moil; Pullers, gear and wheel terminal, or Parts; Pullers, nail; In packages	186902 and 186903, viz.: Punches, other than spring type; Rulers, Rules or Yardsticks, metal, plastic or wooden, NOI; Saws, hand, NOI; Scrapers, carbon; Scrapers, metal, including Floor and Pipeline Scrapers, Smoothers or Surfacers, with or without handles, handles may protrude; Screwdrivers; Sets, nail; Sets, saw, or Parts; Shaves, spoke; Shears or Snips, tinner's; Squares; Tools, bending or flaring, including Benders, rail; Tools, body and fender, including Dollies and Spoons; Tools, brake; Tools, hand, NOI, other than plastic; Tools, pipe, including Cutters, Dies, Reamers, Stocks, Threaders or Tongs; Tools, tire changing, NOI; Trowels, NOI; Wrenches, NOI, including Adjustable Wrenches, Pipe Wrenches, or Socket Wrench Sets;	70	40	30
△186902-C	NOTE—Will also apply on tools packed in tool boxes, cabinets or chests enclosed in boxes or crates, provided the tools comprise not less than 30 percent of the gross package weight.				
△186903-B	NOTE—Provisions do not apply on toy tools. Toy tools are classified under item 84260. TRAYS: subject to item 187200				
①187220-A	Battery Shipping, wooden .....Cancel; obsolete.				
①187290-A	Foot Bath, rubber or rubber compound, in boxes or crates .....Cancel; obsolete.				
①187950-A	○Turpentine, NOI, including Pinene or Wood Turpentine, in barrels or boxes .....Cancel; see item 150220.				
①193620-A	○Wallpaper Remover, liquid, in boxes .....Cancel; see item 150290. WASTE MATERIALS GROUP: subject to item 194200				
①195920	○Tankage, derived from meat refuse and produced by the dry-rendering method, in bulk form, in pressed cakes or otherwise, crude, dried, not ground, screened nor blended, and not processed in any other respect beyond the original stage of manufacture, except for the removal of grease, as an ingredient for animal or poultry feeds or for fertilizer, or for any other purpose, in bags; also TL, in bulk	60	35	50	
①195925	○Tankage, garbage, dry, or Tankage, NOI, LTL, in bags; TL, in bulk or in packages	60	35	40	

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## SPECIFICATIONS FOR NUMBERED PACKAGES

## [3] Package 1012

(Cancels 'Package 1012' from pages 698 and 699 of the classification.)

1. Household refrigerators or freezers in three-piece fibreboard box consisting of tube with top and bottom flanges not less than three inches wide, and top and bottom caps having interlocking flanges.
  2. Fibreboard of box must meet the following burst tests:
    - (a) Tube must be made of corrugated fibreboard testing not less than 300 pounds (see Note) For gross weights over 480 pounds but not exceeding 595 pounds, fibreboard must test not less than 350 pounds.
    - (b) For gross weights not exceeding 235 pounds, top and bottom caps must be made of corrugated fibreboard testing not less than 275 pounds.
    - (c) For gross weights exceeding 235 pounds but not exceeding 595 pounds, top and bottom caps must be made of corrugated fibreboard testing not less than 350 pounds.
  3. Wood skids or multi-piece wood base:
    - (a) For gross weights not exceeding 480 pounds, the article must be mounted on and bolted to wood skids each measuring a minimum of  $\frac{3}{4}$  inch x  $3\frac{3}{4}$  inches in cross-sectional area.
    - (b) For gross weights over 480 pounds but not exceeding 595 pounds, the article must be mounted on and secured to a multi-piece wood base made of lumber not less than  $\frac{3}{4}$  inch thick.
  4. Not less than one inch clearance must be maintained between article and inner walls of box (except that when gross weight does not exceed 235 pounds, clearance between sides and back of article may be maintained at not less than  $\frac{3}{4}$  inch) by full-height corner posts constructed as follows:
    - (a) L-shaped corner posts made of scored and folded doublewall corrugated fibreboard testing not less than 275 pounds, OR
    - (b) Figure 4 corner posts made of doublewall corrugated fibreboard testing not less than 200 pounds, scored and folded to accommodate door handles of article, provided such corner posts are constructed of doublewall corrugated fibreboard testing not less than 350 pounds. Slots must not exceed 36 inches in length and must not extend closer than four inches to ends of corner posts.
    - (c) For gross weights over 480 pounds but not exceeding 595 pounds, the L-shaped and/or figure 4 corner posts shall be made of doublewall corrugated fibreboard testing not less than 350 pounds.
  5. Not less than one inch clearance must be maintained between top of article and inner wall of box by:
    - (a) Top pad, full dimensions of article, made of scored and folded doublewall corrugated fibreboard testing not less than 200 pounds; OR
    - (b) Top pads consisting of two scored and folded L-shaped pads made of doublewall corrugated fibreboard testing not less than 200 pounds taped in position, having a minimum of three thicknesses on top surface of article, with one thickness extending down sides of article. Pads must extend from front to rear on each side of article; OR
    - (c) Top forms consisting of two L-shaped hinged assemblies made of expanded plastic having a minimum density of one pound per cubic foot, except that top section of assembly must be made of expanded plastic having a minimum density of 1.5 pounds per cubic foot. Forms must be taped in position and must extend from front to rear on each side of the article.
    - (d) For gross weights over 480 pounds but not exceeding 595 pounds, two scored and folded 350-pound doublewall fibreboard forms with the corrugation direction from the top of the article to the inside top of the container.
  6. Surface of interior corrugated fibreboard forms which come in contact with surfaces of article subject to abrasion must be coated with nonabrasive material.
  7. Boxes must be closed with flanges of caps folded over and back under flanges of body tube. Caps must be securely strapped around flanges with metal or plastic straps.
  8. All fibreboard must comply with Item 222, Sections 2 and 3.
  9. Gross weight must not exceed 595 pounds.
- NOTE—Corrugated fibreboard having a minimum combined weight of facings of 112 pounds per 1,000 square feet and a minimum edge crush test (ECT) of 51 pounds per inch may be used as an alternative.

## [1] Package 2264

(Cancels 'Package 2264' from page 751 of the classification.)

SHIPPING CONTAINER: Octagonal-shaped corrugated fibreboard double-cover container (DC) of the following components:

- Tube— One-piece triplewall corrugated fibreboard testing 1,100 puncture units.
  - Caps— Common top and bottom flanged caps of corrugated fibreboard testing 250 pounds with flange width not less than four inches.
  - Liner— Polyethylene bag of sufficient thickness to contain product, glued in place within container.
  - Base— Wooden pallet.
- GROSS WEIGHT: Not to exceed 2,100 pounds.

## [1] Package 2495

(Add 'Package 2495' to page 785 of the classification.)

SHIPPING CONTAINER: Trays tiered on wooden pallets, shrouded with corrugated fibreboard cap and stretch wrapped

- Trays— Open-top corrugated fibreboard trays testing 200 pounds, full height of inner containers.
  - Body— Tiered trays must be shrouded by a half-slotted corrugated fibreboard container (HSC) testing 275 pounds.
  - Film Wrap— Unitized load must be spirally girth wrapped by use of plastic stretch film of not less than .8-mil thickness, securing load to base.
  - Top Cover— Corrugated fibreboard testing not less than 275 pounds.
  - Base— Wooden pallet with top dimensions exceeding those of the loaded unit.
- GROSS WEIGHT: Not to exceed 1,000 pounds.

## SPECIFICATIONS FOR NUMBERED PACKAGES

## Package 2497

(Add 'Package 2497' to page 785 of the classification.)

**SHIPPING CONTAINER:** Glass must be protected along entire edge perimeter by a corrugated fibreboard channel, must have top and bottom pads of plastic foam, and must be placed within a wood-framed fibreboard five panel folder.

**Box—** A five panel folder (FPF) constructed of doublewall corrugated fibreboard testing 275 pounds.

**Inner Frame—** Full inside perimeter of box, wood of 1 x 2 inch dimension.

**Edge Pad—** 'U' channel of built-up plies of corrugated fibreboard providing for an inner clearance of not less than 3/4 inch. Pad must protect full perimeter of glass.

**Top and Bottom Pads—** Expanded polystyrene foam pads must protect center, face surface of glass covering not less than 50 percent of the length and width and must be secured in place.

**Closure—** Box must be securely closed by use of steel banding.

## Package 2498

(Add 'Package 2498' to page 785 of the classification.)

In weather-resistant fibre drums, wound using paperboard prelamated with a polyethylene adhesive, and otherwise meeting the requirements of Item 294; with inner plastic aseptic bag having a laminated structure of polyester/aluminum/polyethylene and securely closed; with the additional requirement that a heavy-duty bag and interior dunnage be used for those products meeting the definition of 'Liquids or Articles in Liquids.'

## Package 2499

(Add 'Package 2499' to page 785 of the classification.)

Applicable only for nonhazardous commodities as described in items referencing this Package.

**SHIPPING CONTAINER:** A wound, multi-ply corrugated fibreboard container of tube and cap style, square in shape, having an inner film bladder (see Notes 1 and 2).

**Sleeve—** A convolute winding adhering 8 plies of corrugated fibreboard forming a square vertical sleeve, each ply constructed of 69 pound linerboard and a 33-pound medium. Sleeve must have integral cross-bracing of two opposite corners at top of sleeve, with bottom outfitted with a full-dimension tray when set up.

**Inner Bag—** Polyethylene film bag constructed of three plies having a total thickness of 9 mils or one ply of polyvinyl chloride (PVC) having a thickness of 12 mils.

**Top Cap—** Design style of corrugated fibreboard testing 275 pounds.

**Banding—** Container must be banded with steel or plastic strapping, twice vertically in each cross direction. In lieu of banding, container may be secured to pallet by roping plastic stretch film in a cross-corner locking pattern.

**Base—** Container must be secured to a 2-way entry wooden pallet.

**Gross Weight—** Not to exceed 3,400 pounds.

**Note 1—** This shipping container is not to be reused once contents have been removed.

**Note 2—** Container must be placarded with a precautionary warning label on two outside opposite vertical panels in a predominate manner by either printing or by application of a pressure-sensitive label, differing in color from any other container printing. Label must be of horizontal rectangular 4 x 7 inch dimensions containing a bold border within which are printed the words 'LIQUID' in bold letters of 1.5 inches in height, with 'CONTENTS' printed below in letters of 3/4 inch in height.

## Package 2F

(Cancels 'Package 2F' from pages 788 and 789 of the classification.)

(1) Articles must be without legs or with legs not exceeding eight inches in length, except when cross-sectional area of leg at smallest dimension is not less than 2 25 square inches, legs may be nine inches in length, or when legs are of one piece solid extruded metal extending full height of article, legs may extend not more than 10 1/4 inches below bottom of article. Finish of furniture must be entirely dry, and fragile projecting hardware, knobs, or pulls must be removed or adequately protected. Fragile galleries must be removed or protected by pads of sufficient thickness to provide level top. Fitted drawers and doors must be securely held in place and other than fitted drawers and doors must be restricted from excessive movement.

(2) All finished surfaces must be completely covered with pads or blankets complying with specifications of item 79024, Paragraphs (1), (2), (3), (4), (5), (10), (12), (14), or (23), securely held in place.

(3) In addition to the pads or blankets as specified in Paragraph (2), each top corner of the article must be protected with forms securely held in place, constructed as follows:

(a) Forms made of not less than three plies of singlewall corrugated fibreboard or not less than two plies of doublewall corrugated fibreboard, each ply measuring not less than four inches long in all directions from inside corner, OR

(b) Forms measuring not less than four inches square on top surface and extending over sides not less than two inches, made of not less than four plies of singlewall corrugated fibreboard, OR

(c) Forms of not less than three plies of molded corrugated fibreboard each ply backed with paper weighing not less than 26 pounds per 1,000 square feet. The molded corrugated fibreboard must weigh not less than 50 pounds per 1,000 square feet, and have between 22 and 24 flutes per foot, OR

(d) Three-ply forms preformed to a right angle, each ply not less than nine inches in length, and not less than 2 1/2 inches wide from inside angle, V-notched in center to permit folding around corner made of molded corrugated fibreboard weighing not less than 50 pounds per 1,000 square feet, having 22 to 24 flutes per foot, backed with Kraft paper of not less than 50 pounds basis weight, OR

(Continued on following page)

## SPECIFICATIONS FOR NUMBERED PACKAGES

## Package 2F (Continued)

(e) Three-ply forms preformed and glued to a right angle, each ply not less than nine inches in length, and not less than 2½ inches wide from inside angle, V-notched in center to permit folding around corner, made of A-flute single faced corrugated board, both medium and facing weighing not less than 26 pounds per 1,000 square feet, except the outermost ply of the form shall be constructed with two plies of corrugating medium or single corrugating medium weighing not less than 62 pounds per 1,000 square feet, OR

(f) Forms made of not less than three built-up plies of singlewall corrugated fibreboard or two built-up plies of doublewall corrugated fibreboard each ply measuring not less than six inches in length and 2½ inches in width from its own inside corner, OR

(g) Three sided, one piece, pyramid shaped form, not less than four inches long in all directions from inside corner, made of molded pulp not less than ¼ inch thick. Pads must be molded with ribs or flanges on all sides, so as to maintain clearance of not less than ¼ inch between article and inner walls of container.

(4) In addition to the pads or blankets and corner forms as required by Paragraphs (2) and (3), top edges of articles must be protected as follows:

(a) All articles having tops of plastic material flush with edges, or tops having edges of plastic material, must also be protected with edge or corner forms to provide for coverage of not less than 75 percent of length of each edge. Such forms must be not less than five inches in length and extend not less than two inches over tops and edges positioned along edge at intervals not exceeding nine inches. Edge forms must be made of the same material and number of plies as specified for each corner form in Paragraph (3) and be held securely in place.

(b) All articles other than those provided for in Paragraph (4)(a) must also be protected as follows:

1. When ends of article exceed 30 inches, ends must also be protected with corner forms of same material and number of plies specified for each corner form in Paragraph (3). Such corner forms must provide for coverage of not less than 50 percent of area between corners of each edge and be held securely in place, OR

2. When ends of article exceed 30 inches, the ends must be protected either by corner forms and/or edge forms that provide for coverage of 75 percent of entire length of each end. These corner forms and/or edge forms must be of the same material and number of plies specified for each corner form in Paragraph (3) and must extend not less than two inches over top and edge and be held securely in place, OR

3. Pads or blankets as specified in Paragraph (2) must be applied to provide double thickness along front top edge and end top edges of articles.

4. When length of article exceeds 60 inches, the front and back edge of article tops must also be protected with forms of the same material and number of plies specified for each corner form in Paragraph (3). Such forms must provide for coverage of not less than 50 percent of area between corners of each edge and must extend not less than two inches over tops and edges held securely in place, OR

5. When length of article exceeds 60 inches, the front and back of article tops must be protected either by corner forms and/or edge forms that provide coverage for not less than 75 percent of the entire length of the article. These corner forms and/or edge forms must extend not less than two inches over tops and edges and held securely in place.

## Method No. 1

(5) (a) In wrapper made of corrugated fibreboard testing not less than 200 pounds, wrapper must cover front and sides of furniture, overlapping back not less than four inches. A corrugated fibreboard cap testing not less than 275 pounds (see Note) must cover top of furniture and overlap sides, front and back not less than four inches, OR

(b) In containers made of corrugated fibreboard testing not less than 200 pounds covering top and all four sides of furniture, container must have regular slotted top or overlap top construction.

Note—Cap may test not less than 200 pounds when wood, fibre or metal is used under straps to prevent cutting of cap.

(6) Articles in wrappers or containers must fit into tray constructed of not less than ¾ inch x 2½ inch lumber consisting of two pieces forming runners and four pieces on edge forming sides and ends, except that articles without legs or with strong sturdy legs not exceeding five inches in length may be securely fastened to four-piece frame made of not less than ¾ inch x 2½ inch lumber, diagonally braced, double-nailed or double-stapled. Base or legs must not project beyond frame. Articles with legs detached must have bottom edges protected from direct contact with wood base frame or tray by pads, padding or furniture glides. When frame is made of lumber not less than ¾ inch thick constructed with half-lap end joints, clinch-nailed with not less than three nails in each corner, diagonal brace may be omitted. Wrapper must be securely fastened to back of furniture and package must be strapped with not less than ¾ inch x .015 inch.

## Method No. 2

(7) In container made of corrugated fibreboard testing not less than 200 pounds. Container must be of regular slotted or overlap top construction and must have bottom flanges or flaps not less than three inches wide.

(8) (a) Article must rest on a four-piece frame made of not less than ¾ inch x 2½ inch lumber diagonally braced, double nailed or double-stapled, (B)see Note. Articles with legs detached must have bottom edges protected from direct contact with wood base frame by pads, padding or furniture glides. When frame is made of lumber not less than ¾ inch thick, constructed with half-lap joints, clinch-nailed with not less than three nails in each corner, OR when frame is made of lumber not less than ¾ inch x 3½ inches clinch-nailed with not less than four nails in each corner, diagonal brace may be omitted. Frame must fit into base of container and bottom flanges or flaps of container must fold over frame and be securely nailed or stapled at each corner with two nails or staples and an additional nail every 15 inches or fraction thereof or an additional staple every eight inches or fraction thereof, of perimeter of base frame. Nails must be coated and have heads not less than ¾ inch diameter or nails with washers of not less than ¾ inch diameter. Staples must be made of ⅜ inch steel wire with crown not less than 1½ inch, and with ¾ inch legs diverging into the wood, or with crown not less than one inch and with 1½ inch legs diverging into the wood. In lieu of nailing or stapling, container flanges or flaps may be secured by two wood runners nailed or stapled lengthwise of package. Staples must be made of 16-gauge galvanized flattened steel wire, gun-coated, with crown not less than ⅜ inch and with legs 1½ inches diverging into the wood.

(B)Note—Corrugated strips may be stapled to inside of article structure with the other end of strip stapled to frame.

OR

(Continued on following page)



## SPECIFICATIONS FOR NUMBERED PACKAGES

## Package 2F (Continued)

(b) Articles must rest on platform full inside dimensions of container constructed as follows:

1. Platform must be made of doublewall corrugated fibreboard testing not less than 275 pounds, constructed of not less than two thicknesses of such board, corrugations of one thickness at right angles to other thickness. Board must be scored and folded so that not less than four thicknesses of board parallel the long dimension of container full length, and legs or bottom of article must rest on such four thicknesses, OR;

2. Platform must be made of not less than 8 plies of built-up corrugated fibreboard, the facings and corrugated mediums weighing not less than 26 pounds per 1,000 square feet except that outermost ply adjacent to bottom of container must be made with 2 plies of corrugated medium or a single corrugated medium weighing not less than 52 pounds per 1,000 square feet. Bottom 3 plies must be full inside dimensions of container and legs or bottom of article must rest on upper 5 plies parallel to and extending full inside length of container. Upper 5 plies must be not less than 4 inches in width and total thickness of pad must be a minimum of 1 1/4 inches.

When container has bottom flanges, such flanges must be glued over entire area to corrugated platform. When container has bottom inner and outer flaps, such flaps must be closed as specified in Paragraph (9), but need not be secured to corrugated platform.

(9) Container must be closed in compliance with Item 222, Section 7. When non-reinforced paper sealing tape is used, such tape must not be used as the primary closure method when gross weight exceeds 70 pounds.

## ② Package 108F

*(Cancels 'Package 108F' from page 814 of the classification.)*

Floor standing clocks, 54 inches or more in height, in full-overlap fibreboard boxes, complying with Item 222, Sections 2 and 3. For gross weights not exceeding 100 pounds, boxes must test not less than 275 pounds; for gross weights exceeding 100 pounds but not exceeding 145 pounds, boxes must be made of doublewall fibreboard testing not less than 350 pounds, or clocks not exceeding 300 pounds may be shipped in full-telescope, design-style boxes of doublewall fibreboard testing 350 pounds, with bottom of box securely attached to a corrugated fibreboard skid. Articles must be protected by plastic film bag. Article must be supported in container and not less than one-inch clearance on the back and two-inch clearance on the front, sides, top and bottom must be maintained between article and sidewalls of boxes by top, center and bottom slotted, scored and folded fibreboard forms, made of same board as box, the top and bottom forms so slotted, scored and folded so as to provide proper clearance on sides and front of article. Clock works must be secured to or blocked and braced within the clock case in such a way as to withstand the normal hazards of transportation. Boxes must be closed in accordance with Item 222, Section 7.

## ③ Package 146F

*(Add 'Package 146F' to page 820 of the classification.)*

**SHIPPING CONTAINER:** Article must be positioned in a bottom tray and capped with a top tray. Article must be protected with vertical corner posts and top and bottom pads positioned and maintained with stretch wrap plastic film. Bottom and top trays are common.

**Trays**— Design style of doublewall corrugated fibreboard testing not less than 275 pounds and having a depth of not less than five inches.

**Top and Bottom Pads**— Article must rest on and be covered on top by a full-dimension slit, scored and folded pad of doublewall corrugated fibreboard testing not less than 200 pounds. Pad must provide for three thicknesses of fibreboard in lengthwise direction and three inches in width.

**Corner Post**— Full-height L-shaped corner post constructed of doublewall corrugated fibreboard testing not less than 200 pounds must be positioned at each vertical corner of article. Corner posts are to be scored and folded so as to extend four inches beyond vertical corners, and be of 3/4-inch and secured thickness.

**Center Pads**— Full-height doublewall corrugated fibreboard pads, four inches in width and 3/4 inch in thickness, testing not less than 200 pounds must be vertically positioned and secured at center of span at front and rear of any article longer than 24 inches. Articles longer than 60 inches will require two center pads vertically positioned, secured and equally spaced at both front and rear of article.

**Film Wrap**— Article and shipping container components must be horizontally wrapped with stretch film so as to provide not less than two plies around the midsection and 3-5 plies at top and bottom.

**Strapping**— Article and shipping container must have two 1/2-inch wide vertical straps having a tensile strength of not less than 500 pounds.

Pads, forms or trays which contact finished surfaces must be lined, coated or treated with a nonabrasive material.

EXPLANATION OF ABBREVIATIONS AND REFERENCE MARKS

Abbreviation or Reference Mark	EXPLANATION	Abbreviation or Reference Mark	EXPLANATION
AQ	Any quantity	★	Indicates new item
ASTM	American Society for Testing and Materials	▼	Indicates mixed articles entry in Index to Articles
Avdp.	Avoirdupois	⊕	Addition to index to articles
B&S	Brown & Sharpe gauge	⊖	Eliminate from index to articles
BWG	Birmingham wire gauge	⊕	Change in index to articles
°C	degree Centigrade (Celsius)	⊖	Subject to expiration date shown in Item 535
cm	centimeter(s)	⊕	Indicates water carrier operating under ICC jurisdiction
COD	Collect on Delivery	⊖	Indicates railroad
Con'l.	Continued	⊕	Carrier's participation canceled, no further application.
cu	cubic	⊖	Indicates freight forwarder
cu. ft.	cubic foot; cubic feet	⊕	Under postponement
DOT	Department of Transportation	⊖	Under suspension or suspension supplement
d/b/a	doing business as	⊕	Indicates Tradename
etc.	et cetera (and other things, or the rest; and so forth)	⊖	Contains only portion under suspension
°F	degree Fahrenheit	⊕	Except portions under suspension
FMC	Federal Maritime Commission	⊖	Effective September 7, 1991. (Issued on one day's notice under the following authority: On interstate traffic, 49 CFR 1312.39(b); on Georgia intrastate traffic, GPSC letter of July 14, 1962; on Missouri intrastate traffic, MoPSC Authority 11.775; on New York intrastate traffic, NYDOT Order MV-2630; on North Carolina intrastate traffic, Docket T-696; on Ohio intrastate traffic, Permission No. T-4338; on Wisconsin intrastate traffic, PSC Wisc Approval MV-4612-D).
g	gram	⊕	Indicates correction of printing error
HMT	Hazardous Materials Tariff as defined in Item 540 herein	⊖	Except as noted. The carrier 'alpha' codes listed herein represent only those carriers participating in the National Motor Freight Classification. For a complete listing of all assigned alpha codes, see the Directory of Standard Multi-Modal Carrier and Tariff Agents Codes, ICC NMF 101, published by the National Motor Freight Traffic Association, Inc., 2200 Mill Road, Alexandria, VA 22314.
ICC	Interstate Commerce Commission	⊕	See 'Notice of General Application on Interstate Shipments,' appearing on page 3 of tariff.
incl.	inclusive	†	Effective May 27, 1991. Restores provisions inadvertently incorrectly published or omitted from tariff ICC NMF 100-R. Issued on one day's notice; 49 CFR Part 1312.4(e)(1)(ii) waived; ICC Special Tariff Authority No. 91-39.
KD	knocked down	‡	Effective May 27, 1991. Provisions are under suspension to and including October 29, 1991 by Order of the Interstate Commerce Commission in Investigation and Suspension Docket No. M-30424, dated March 27, 1991. Matter under suspension may not be used during the period of suspension. Pending restoration or cancellation of the suspended matter, apply provisions otherwise provided. Issued on one day's notice; 49 CFR Part 1312.4(e)(1)(ii) waived; ICC Special Tariff Authority No. 91-41.
kg	kilogram	I	Effective June 29, 1991. Issued on one day's notice under authority of 49 CFR Part 1312.39(e).
L	liter	/	Effective October 5, 1991.
LTL	Less than truckload. Does not apply to classes designated in MW column as AQ	■	Effective October 12, 1991.
m	meter	①	Reissued from Supplement 1. Provisions became effective on May 27, 1991.
ml	milliliter	③	Reissued from Supplement 3. Provisions became effective on August 3, 1991.
mm	millimeter	③A	Reissued from Supplement 3. Provisions became effective on June 30, 1991.
MW	Minimum weight factor; see Item 997	③B	Reissued from Supplement 3. Provisions become effective on October 5, 1991.
min. wt.	Minimum weight		
NMFC	National Motor Freight Classification		
NOI	Not more specifically described herein		
o/a	operating as		
oz.	ounce(s)		
psi	pounds per square inch		
qt.	quart		
RSorL	Classed the same or lower		
r.p.m.	revolutions per minute		
Sec.	Section		
sq.	square		
sq. ft.	square foot; square feet		
sq. in.	square inch(es)		
SU	Set up		
I/a	trading as		
TL	Truckload. Does not apply to classes designated in MW column as AQ		
I/d/b/a	trading and doing business as		
U.S.	United States		
U.S.S.G.	United States Standard Gauge		
viz.	namely		
vol.	volume		
vs.	versus		
°	and		
°	degree		
⊕	Indicates percent		
⊖	Indicates commodity or commodities may be subject to special federal regulations concerning the shipping of hazardous materials. See Item 540 herein.		
↓	Indicates reduction		
↑	Indicates increase		
▲	Indicates change in wording which results in neither increases nor reductions		
⊕	Indicates change in packaging		
△	Matter in this item is brought forward without change in application from item being canceled		

—finis—

EXHIBIT B

(Consists of 6 pages)

SUMMARY OF CHANGES

IN

NATIONAL MOTOR FREIGHT CLASSIFICATION

NMF 100-R

AS SET FORTH

IN SUPPLEMENT . 4

(Exhibit A Hereof)

APPENDIX TO SUPPLEMENT 4 TO NMF 100-R

ISSUED: September 5, 1991

EFFECTIVE: October 5, 1991

A numeric directory of changes being published in this Supplement is listed below. Explanations of each change and the National Classification Committee's justifications for the amendments, additions or deletions are provided herein. The following abbreviations are utilized: LTL (Less Than Truckload); TL (Truckload); MW (Minimum Weight Factor); AQ (Any Quantity); PCF (Pounds Per Cubic Foot); \* indicates a new item or new package.

291	25804	49880	82130	117000	Packages
13120	25806	49883	86700	117002	*2497
*13121	29000	50227	86730	118250	*2498
13122	29460	60000	93410	*118253	*2499
13123	30880	60002	94353	129520	2F
13124	39360	70050	*100750	129522	*146F
18300	41250	73227	*114028	131550	
25720	48760	73235	*114029	149980	
25722	48770	79022	114850		
25760	48772	79550	114870		
25800	49510	*79555	114880		
25802	49520	80120	115620		

Item 291

Item 291, Fibre Drums for Dry or Solid articles, has been amended by allowing for use of locking lever closing devices when constructed of plastic. Item 291 ~~MW~~ contains a performance requirement subjecting such closing devices to a drop test of 3 feet upon its cover. The passing of such a test will qualify the use of such closures without specific material, construction and design verbage necessary.

This change is the result of action taken on Docket 915, Subject 15.

Item 13120 - 13124

Item 13120, "Aluminum Articles, NOI," is amended to provide full-scale density based classes and to reference ~~new~~ note, item 13121, which allows for bumping. Additionally, the Notes, items 13122, 13123 and 13124 are cancelled with no further application. Information of record shows that aluminum articles exhibit a wide density range from .90 to 43.60 pcf, with no unusual handling, stowing or liability characteristics.

Concurrently, new item 100750 is established under the Household Utensils Group for "Cookware, NOI, aluminum, other than cast, in boxes," at class 100 LTL, 77.5 TL, and 14 MW. Information of record indicates that other than cast aluminum cookware has an average density of 8.71 pcf and no unusual handling, stowing or liability characteristics.

These changes are the result of action taken on Docket 913, Subject 3.

Items 18300 - 25806

The following items, applying on mixed TL shipments of various commodities, are being cancelled as obsolete: 18300, Body Trim Material; 25720, Boiler Sections, etc., and its accompanying Note, item 25722; 25760, Boilers, heating or power, cast iron, etc.; 25800, Boilers, heating, etc., and its accompanying Notes, items 25802, 25804 and 25806; 39360, Cabinets: Loudspeaker, Wooden, KD; 117000, Mixed TL of crushing or grinding mills and cereal milling machines, and its accompanying Note, item 117002; and 129520, Scales, computing, and its accompanying Note, item 129522. Industry density and traffic studies indicate no recent movement of commodities under these provisions by motor common carrier.

These changes are the result of action taken on Subject 9 of Docket 915.

Items 29000 - 30880

Item 29000, naming "Boxes: Banana Shipping, iron and wood combined" is being cancelled as obsolete.

Item 29460, naming "Boxes: Milk, doorstep, steel, insulated" is being cancelled as obsolete.

Item 30880, naming "Wash-Boilers, copper," with Sub 1, "Not Nested," at class LTL 110, TL 77.5 and MW 14 and Sub 2, "Nested," at class LTL 100, TL 77.5 and MW 14, is being cancelled as obsolete.

Item 41250, naming "Carriers, Shipping: Ice Cream, chemically hardened fibre, rubber, steel or wood, separate or combined, insulated," at class LTL 92.5, TL 55 and MW 24, is being cancelled as obsolete.

Item 48760, naming "Closets, garbage, iron, cast or sheet, with cast metal tops, or concrete, steel and sheet iron combined, with cast metal tops," at class LTL 77.5, TL 40 and MW 30, is being cancelled as obsolete.

Item 48770, naming "Closets, garbage, sheet iron," with Sub 1 at class LTL 85, TL 55 and MW 24 and Sub 2 at class LTL 125, TL 70 and MW 18 along with the Note, Item 48772, is being cancelled as obsolete.

Item 49510, naming "Oilcloth Edging," of the Cloth, Dry Goods or Fabrics Group, at class LTL 85, TL 50 and MW 30, is being cancelled as obsolete.

Item 49520, naming "Oilcloth, including Remnants, Trimmings or Waste, having a value other than for reclamation of rags, of the Cloth, Dry Goods or Fabrics Group, at class LTL 70, TL 50 and MW 30, is being cancelled as obsolete.

These changes are being made to improve the usability of the Classification. Industry density and traffic studies indicate no recent movement of any of these commodities by motor common carrier.

These changes are the result of action taken on Docket 915, Subject 8.

Item 39360

See justification for item 18300.

Items 41250 - 49520

See justification for item 29000

Items 49880 and 49883

The actual valuation specified in item 49880, naming "Clothing, NOI," and its attendant Note, item 49883, is being adjusted from \$9.00 to \$9.50 per pound, to reflect the impact of inflation. The new valuation was determined using the Producer Price Index.

As approved by the NCC on May 2, 1989 (Appeal 954 - Subject 9 of Docket 891), and as the Note, item 49884, sets forth, "The level of the actual valuation specified in item 49880 shall be adjusted annually to reflect the percentage change in the Producer Price Index (PPI), provided such adjustment will result in a change of the then-existing valuation of at least five cents."

The instant amendments are being made in compliance with this requirement.

Item 50227

Item 50227, Industrial Process Water Treating Compounds, and item 149980, Paint and Related Material, are amended to reference a new tube and cap style fibre drum designated as Package 2499. The involved container is made by wrapping eight layers of heavy single-faced corrugated fibreboard around a mandra. This process, according to the proponent, yields walls with stiffness more than double that of conventional octagonal bins. Also, the unique process of winding creates no manufacturers joints where damage is more likely to occur and furthermore, the vertical scores of the box are formed during the winding process such that the hoop stress of the container is evenly distributed between all layers. Additionally, the package passed laboratory tests and was successfully shipped under Test Shipment Permits T-9012-17 and T-916-16, since December, 1990.

These changes are the result of action taken on Docket 915, Subject 14.

Items 60000 and 60002

The released valuation specified in item 60000 and its attendant Note, item 60002, applying on "Drugs, Chemicals, Medicines, Toilet Preparations and other Articles named in items making reference [thereto]," is being adjusted from \$1.90 to \$2.00 per pound for each distribution package, to reflect the impact of inflation. The new valuation was determined using the Producer Price Index.

Additionally, in the interest of tariff clarification, the new released valuation is being stated in dollars and cents, i.e., "\$2.00," rather than in cents only, i.e., "200 cents," as was heretofore done.

These amendments are being made in compliance with the Interstate Commerce Commission's decision in Released Rates Order No. MC-972, served December 6, 1979.

Item 70050

The provisions of item 70050, "Flags, NOI, mounted or not mounted, in packages," is amended to read, "Flags, mounted or not mounted; or Flag Sets, consisting of a flag, disassembled flag pole and mounting hardware; in packages." Concurrently, two new subprovisions are established for those products with a density in pounds per cubic foot of "less than 12" at class 100 LTL, 70 TL and 30 MW, and "12 or greater" at class 85 LTL, 65 TL and 30 MW.

Information of record shows that those flags or flag sets with a density of less than 12 pcf range in density from 7.39 to 10.13 pcf, with an average density of 8.81 pcf. Those with a density of 12 pcf or greater range from 14.04 to 29.33 pcf, with an average density of 19.61 pcf. No unusual handling, stowing or liability characteristics were identified.

These changes are the result of action taken on Subject 5 of Docket 915.

Items 73227

Item 73227, Foodstuffs, other than frozen has been amended by allowing for use of a fibre drum having an inner liner capable of containing liquids. Excellent experience was obtained through several Test Shipment Permits having been issued for the shipment of tomatoe products, pulp, juice, paste and sauce consistencies. Package 2498 has been assigned to describe the drum's specific construction.

These changes are the result of action taken on Docket 915, Subject 13.

Item 79022

Item 79022, Paragraph (f) and Package 2F have been amended to provide the option for corrugated strips to be stapled to the article(s) and frame. As currently worded, item 79022 and Package 2F restrict furniture from being attached to the wooden base. The wording was added to help eliminate damage caused by nailing the wood to the underside or the legs of the article. Due to the flexible nature of the fibreboard strips, damage associated with attaching the article to the wooden base has been eliminated. This amendment will result in easier package assembly as larger, heavy articles may now be adhered to the wooden base and the outer shipping container can be placed over the article rather than the articles being placed inside the container. Also, this change will restrict movement of the article during transit, resulting in less damage to the article.

The changes are the result of action taken on Docket 915, Subject 16.

Items 79550 and 79555

The provisions of item 79550, Sub 1 applying on mattresses, upholstered box springs and waterbeds having a density of less than 4 pcf, is amended by the addition of a reference to a new note, item 79555. Concurrently, new note, item 79555 is added to allow for "bumping."

This change is the result of action taken on Subject 1 of Docket 915.

Items 80120 and 82130

Items 80120, Sub 1 and 82130, Sub 1, describing various chests, tables or stands, are amended to allow for shipment in Package 146 F. Package 146 F is established specifying top and bottom trays, pads and vertical corner posts positioned and maintained by stretch wrap plastic film. The involved products have been moving under Test Shipment Permit T-8911-28 since November, 1989. Of 700 reported shipments since that time, only one package was reported to be damaged.

These changes are the result of action taken on Docket 915, Subject 12.

Items 86700 and 86730

Item 86730, Glass, flat, not bent, has been amended by referencing a new shipping container designated as Package 2497. Protection consists of a fibreboard box having a wooden inner framework with the glass additionally protected by a perimeter edge form and flat plastic foam pads on the front and back faces. Based upon the experience of major furniture glass users, the package has performed in an excellent manner.

These changes are the result of action taken on Docket 915, Subject 11.

Items 93410 and 94353

Item 94353, which now names "Concrete Anchors, iron or steel, consisting of bolt or rod and anchor, with or without nuts or washers," at classes 60 LTL and 35 TL, with a 40,000-pound minimum weight, is being amended to also embrace concrete bolt shields or anchors made of iron or steel. These bolt shields or anchors are presently classed per item 93410, naming "Bolt Shields or Anchors, expansion, ~~NOI~~, metal," at classes 70 LTL and 40 TL, with a 30,000-pound minimum weight.

The description of item 94353 is also being amended to specify "expansion" anchors. Moreover, the item is being amended to assign classes based on density, with those anchors having a density less than 75 pcf being classed at 60 LTL and 35 TL, with a 40,000-pound minimum weight, and those having a density of 75 or greater pcf being classed at 50 LTL and 35 TL, with a 40,000-pound minimum weight.

Lastly, the description of item 93410, which will still apply to certain, ~~other~~ bolt shields or anchors made of metal, is being altered to read, "metal, ~~NOI~~," instead of "NOI, metal." The classes and minimum weight in item 93410 are not being changed.

The involved concrete anchors -- the bolt shields or anchors being reclassified per item 94353 as well as the anchors already named in item 94353 -- are shown to range in density from 36 to 178 pcf, and weighting the average densities of individual product lines of these anchors by their respective percent of sales yields a weighted average of 81.42 pcf. These anchors are not shown to cause any unusual stowability or handling problems. With respect to liability, value per pound ranges from \$.63 to \$1.40, but here, too, no unusual problems are indicated.

The amendments to item 94353 are being made reflective of the aforementioned transportation characteristics. Also, specifying "expansion" anchors in the item's description will promote tariff clarification by more accurately identifying these products. Further, altering the description of item 93410 to read, "metal, ~~NOI~~," will promote tariff clarification by helping to avoid conflict with item 94353.

These changes are the result of action taken on Subject 3 of Docket 915.

Item 100750

See justification for item 13120

Items 114028 and 114029

New item 114028, naming "Aerators or Mixers, water or liquid, floating, with flotation devices, see Note, item 114029, in crates or on pallets or skids," is being added to the MACHINERY GROUP with two subs. Sub 1 is a NOI provision and is subject to class 250 AQ. Sub 2 applies on such units "with flotation collar detached; or

Items 114028 and 114029

with floats, pontoons, or other flotation devices detached and supporting framework disassembled in same or separate package," and is subject to class LTL 92.5, TL 55 and MW 24.

The following new Note item 114029 is being added for clarification: "Applies on articles such as those used in waste water treatment ponds or aquatic farming ponds."

Products shipped under the provisions of Sub 1 range in density from 2.30 to 5.93 pcf, with an average of 4.07 pcf, and range in value from \$7.14 to \$8.00 per pound, with an average of \$7.57 per pound. Commodities embraced by Sub 2 range in density from 5.45 to 25.67 pcf, with an average of 12.79 pcf, and range in value from \$3.00 to \$10.00 per pound, with an average of \$6.73 per pound. Due to the unusual configurations of some models and minimal protection which leaves component parts exposed and vulnerable to damage, some packages create handling and stowability problems.

This is the result of action taken on Subject 7 of Docket 915.

Items 114850, 114870, 114880 and 115620

Items 114850 and 114870, bearings or bushings, are amended to require the involved products to be shipped in boxes or, when weighing each 25 pounds or over, to be in packages. Item 115620, bearings without soft metal bearing surfaces, is amended to specify that the involved products must be shipped in packages.

The changes in the packaging requirements for bearings or bushings are made to protect the involved products from moisture, dust and marring. Information on loose bearings or bushings weighing less than 25 pounds indicates that they cannot be safely or efficiently handled or stowed in LTL general commodity motor common carrier service. Also, even when weighing over 25 pounds each, the nature of the surfaces of bearings or bushings would dictate the need for at least a requirement for minimum surface protection.

Additionally, motor common carrier density and traffic studies show no movement of wooden bearings or bushings, per item 114880; therefore, the involved provisions are cancelled as obsolete.

These changes are the result of action taken on Docket 915, Subject 6.

Items 117000 and 117002

See justification for item 18300

Items 118250 and 118253

Item 118250 naming "Copying, Duplicating or Reproducing Machines, NOI" is amended by the addition of three sub provisions which are based on the value per pound of the machine shipped. Sub 1 publishes classes of LTL 100, TL 55 (Intrastate application) and MW 30,000 when the value of the machine does not exceed \$30 per pound. Sub 2 publishes classes of LTL 150, TL 70 and MW 30 when "actual value exceeds \$30 but does not exceed \$65 per pound." Sub 3 publishes classes of LTL 200, TL 100 and MW 30 when "actual value exceeds \$15 but does not exceed \$100 per pound." Sub 4 publishes classes of LTL 300, TL 150 and MW 30 when "actual value exceeds \$100 per pound". All four Subs are subject to new item 118253 which is an inadvertent provision of value that is not shown in shipping orders and bills of lading.

This item applies on copying, duplicating or reproducing machines. The changes are the result of an evaluation of the following transportation characteristics. These commodities have an average density of 11.40 pcf with a range of 6.0 to 20.20 pcf. These commodities are shipped in fibreboard boxes or several boxes which are crated. Larger units would generally require the use of mechanical equipment during handling. Stowability does not present any unusual considerations. Values range from \$12.26 to \$119.43 per pound. These commodities are somewhat susceptible to damage as claims have been filed for damage.

This is the result of carrier action on Docket 915, Subject 10.



Items 129520 and 129522

See justification for item 18300

Item 131550

Item 131550 which is subject to the Textile Machine Parts subgroup of the Machinery Group, names "Warp Beams, with or without heads," and provides classes based upon the following: whether the beams are new or used, the material from which the beam is made and the method of packaging. Sub 2 of the item applies on new or rebuilt beams, made of aluminum or magnesium. The provisions of this sub are being amended to specify an additional method of packaging. As amended, warp beams will be permitted to be shipped "in steel cradles or racks furnished by shipper," based upon evidence indicating that this method of packaging warp beams affords adequate protection and improves handling and stowing of the commodity.

Additionally, sub 4 of the item, which now reads, "old, being returned after emptying," is being amended to read "Used, being returned after emptying or to be repaired," to clarify its application on warp beams being shipped to be repaired.

These changes are the result of action taken on Subject 4 of Docket 915.

Items 149980

See justification for item 50227.

Package 2497

See justification for item 86730.

Package 24988

See justification for item 73227.

Package 2499

See justification for item 50227.

Package 2F

See justification for item 79022.

Package 146F

See justification for item 80120.

Respectfully submitted,

NATIONAL MOTOR FREIGHT TRAFFIC  
ASSOCIATION, INC.

*Martin E. Foley*

Martin E. Foley, Issuing Officer  
National Motor Freight Classification