National Motor Freight Classification (NMFC)® ASCII Data Files Record Layouts

Rules Data

Field	Length	Columns	Notes
Item Number	8	1-8	Numeric identifier for the rule including any sub item. E.g., Item 222 is shown as "00022200" and Item 222-1 is shown as "00022201".
Sequence Number	3	9-11	Due to field length limitations, some records are broken into more than one record.
Text of Item	80	12-91	Text from the Rule section of the NMFC.
Effective Date	8	92-99	Effective date for the last revision to this record.
Filler	101	100-200	Pads out record to 200 bytes.

Packaging Data

Field	Length	Columns	Notes
Item Number	8	1-8	Numeric identifier for the package including any suffix. E.g., Package 1135 is shown as "00113500" and Package 23F is shown as "000023F0".
Sequence Number	3	9-11	Due to field length limitations, some records are broken into more than one record.
Text of Item	80	12-91	Text from the Rule section of the NMFC.
Effective Date	8	92-99	Effective date for the last revision to this record.
Filler	101	100-200	Pads out record to 200 bytes.

Index Data

Field	Length	Columns	Notes
Record ID	6	1-6	Record ID (number) from data system.
Sequence Number	4	7-10	Due to field length limitations, some records are broken into more than one record.

Field	Length	Columns	Notes
Indent Level	2	11-12	Indicates a level of hierarchy.
Description	100	13-112	Commodity(s) description from the Index section of the National Motor Freight Classification.
Item Number(s) (13 fields or 6 each)	78	113-189	Item numbers referred to by the description field for each record.
Filler	10	191-200	Pads out record to 200 bytes.

Articles Data

Field	Length	Columns	Notes
Item Number	6	1-6	Numeric identifier for the commodity(s) description.
Sub	2	7-8	The sub, if used, indicates that there is further refinement of the description for the commodity(s) embraced by this item.
Sequence Number	3	9-11	Due to field length limitations, some records are broken into more than one record.
Indent Level	2	12-13	Indicates a level of hierarchy.
Hazard, HSL, or Both	1	14	An asterisk (*) denotes Hazardous Materials, indicating commodity(s) described in this record may be subject to special federal regulations concerning the shipment of hazardous materials. A caret (^) denotes Handling, Stowability, and Liability considerations. A # denotes both Hazardous Materials with Handling, Stowability, and Liability considerations.
Description	77	15-91	Identifies a particular commodity(s) and may include allowable packaging.

Field	Length	Columns	Notes
Class	8	92-99	A numeric ranking (class) assigned to the commodity(s) described based on its transportation characteristics.
			See Item/Rule 110 and 420 for additional details.
			When "0" is shown, it means the commodity(s) is subject to regulations of the individual carrier.
			When "Exempt" is shown, it means the commodity(s) is not subject to economic regulation.
			When "NotTaken" is shown, it means the commodity(s) will not be accepted for shipment.
Pointer Item Number	6	100-105	Identifies the item number to which this item record is subordinate.
Pointer Sub	2	106-107	Identifies the sub number to which this sub record is subordinate.
Pointer Line Number	3	108-110	Identifies the line number to which this record is subordinate.
Issue Date	8	111-118	Issue date for the last revision to this record.
Effective Date	8	119-126	Effective date for the last revision to this record.
Filler	74	127-200	Pads out record to 200 bytes.

Generic Heading Data

Field	Length	Columns	Notes
Description	80	1-80	Identifies a particular generic heading for a grouping of similar commodities.
Item Number	6	81-86	Item number for Generic Heading.
Filler	114	87-200	Pads out record to 200 bytes.