

A. Y. McDonald Mfg., Inc.

EDI 850 Purchase Order Standards

Updated: 07/20/04

This 4010 version of the X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgement information.

Heading Loop

Segment: **ST** – Transaction Set Header

Usage: Mandatory

Max Use: 1

Purpose: To indicate the start of a purchase order and identify the control number

Segment Number	Data Element	Name	Attributes		
ST01	143	Transaction Set Identifier Code Value 850	M	ID	3/3
ST02	329	Transaction Set Control Number P.O. Originator Control Number	M	AN	4/9

Segment: **BEG** – Beginning Segment for Purchase Order

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

Segment Number	Data Element	Name	Attributes		
BEG01	353	Transaction Set Purpose Code Value 00 – Original Order	M	ID	2/2
BEG02	929	Purchase Order Type Code (See X12 Standards)	M	ID	2/2
BEG03	324	Purchase Order Number Originators Purchase Order Number	M	AN	1/15
BEG05	373	Purchase order date (CCYYMMDD)	M	DT	8/8

Segment: **REF** – Reference Identification

Usage: Optional

Max Use: 1-3

Purpose: To indicate the A. Y. Mcdonald Quote Number(s)

Segment Number	Data Element	Name	Attributes		
REF01	128	Reference identification Qualifier Value Q1 – Quote Number	M	ID	2/2
REF02	127	Reference Identification (A. Y. Quote Number)	M	AN	7

Segment: **PER** – Administrative Communications Contact

Usage: Optional

Max Use: 1

Purpose: To identify a person or office to whom administrative communications should Be directed.

Segment Number	Data Element	Name	Attributes		
PER01	366	Contact Function Code IC – Information Contact BD- Buyer Name or Department	M	ID	2/2
PER02	93	Name (Originators Contact Name)	O	AN	1/20
PER03	365	Communication Contact Number TE – Telephone Number	O	ID	2/2
PER04	364	Communication Number Telephone Number	O	ID	1/15

Segment: **DTM** – Date/Time Reference

Usage: Optional

Max Use: 1

Purpose: To specify pertinent dates (delivery date)

Segment Number	Data Element	Name	Attributes		
DTM01	374	Date/Time Qualifier 002 – Delivery Requested 011 - Shipped 074 – Delivery Requested (Prior to and including)	M	ID	3/3
DTM02	373	Date (CCYYMMDD)	M	DT	8/8

Segment: **TD5** – Carrier Details

Usage: Optional

Max Use: 1

Purpose: To specify the carrier (if originator wants to use a specific carrier)

Segment Number	Data Element	Name	Attributes		
TD505	387	Routing Ship via carrier name	M	ID	1/20

N1 Loop – Party Identification

Segment: **N1** – Name

Usage: Mandatory

Max Use: 3

Purpose: To identify the vendor, bill to and ship to parties and their address

Segment Number	Data Element	Name	Attributes		
N101	98	Entity Identifier Code VN – Vendor BT – Bill to Party ST – Ship to Party	M	ID	2/3
N102	93	Name If N101 = VN, Vendors Name If N101 = BT, Bill to Party If N101 = ST, Ship to Party	M	AN	1/30
N103	66	Identification Code Qualifier 92 – Assigned by Originator	O	ID	1/2
N104	67	Identification Code If N103 is present, then branch number If N101 = BT and sender has more than one branch this is mandatory	X	AN	1/4

Segment: **N3** – Address Information

Usage: Mandatory

Max Use: 3

Purpose: To specify the location of the named party

Segment Number	Data Element	Name	Attributes		
N301	166	Address Information If N101 = VN, Vendors Address If N101 = BT, Bill to Address If N101 = ST, Ship to Address	M	AN	1/30
N302	166	Address Information If N101 = VN, Vendors Address If N101 = BT, Bill to Address If N101 = ST, Ship to Address	M	AN	1/30

Segment: **N4** – Geographic Location

Usage: Mandatory

Max Use: 3

Purpose: To specify the geographic location of the named party

Segment Number	Data Element	Name	Attributes		
N401	19	City Name If N101 = VN, Vendors City If N101 = BT, Bill to City If N101 = ST, Ship to City	M	AN	2/30
N402	156	State or Province Code If N101 = VN, Vendors State If N101 = BT, Bill to State If N101 = ST, Ship to State	M	ID	2/2
N403	116	Postal Code If N101 = VN, Vendors Zip Code If N101 = BT, Bill to Zip Code If N101 = ST, Ship to Code	M	ID	5/9

Detail Loop

Segment: **PO1** – Baseline item data

Usage: Mandatory

Max Use: 99

Purpose: To specify basic and most frequently used line item data

Segment Number	Data Element	Name	Attributes		
PO101	350	Assigned Identification Purchase Order Line Number	M	AN	1/11
PO102	330	Quantity Ordered	X	R	1/7
PO103	355	Unit or Basis for Measurement Code	M	ID	2/2
PO104	212	Unit Price 3 Decimal Places	X	R	1/9
PO106	235	Product ID Qualifier UI – UPC Consumer Package Code UP – UPC Consumer Package Code	M	ID	2/2
PO107	234	Product ID A. Y. Mcdonald UPC Code (UPC codes are available at our website in downloadable file format WWW.AYMC DONALD.COM)	M	AN	12
PO108	235	Product ID Qualifier VC = Vendors Part Number	M	ID	2/2

Segment: **PID** – Product/Item Data

Usage: Mandatory

Max Use: 99

Purpose: To describe a product or process in coded or free form format

Segment Number	Data Element	Name	Attributes		
PID01	349	Item Description F – Free form	M	ID	1/1
PID05	352	Description A. Y. Mcdonald Model No., Size and Description (also available at our website WWW.AYMC DONALD.COM)	X	AN	1/80

Summary Information

Segment: **CTT** – Transaction Totals

Usage: Mandatory

Max Use: 1

Purpose: To transmit a hash total for a specific element in the transaction set. This segment is intended to provide hash totals to validate transaction completeness.

Segment Number	Data Element	Name	Attributes		
CTT01	354	Number of Line Items Number of Line Items in Transaction	M	NO	1/6
CTT02	347	Hash Total Total Number of Products on Purchase Order	O	R	1/10

Segment: **AMT** – Monetary Amount

Usage: Mandatory

Max Use: 1

Purpose: To indicate the total monetary amount

Segment Number	Data Element	Name	Attributes		
AMT01	522	Amount Qualifier Code 5 - Total Invoice Amount	M	ID	1/3
AMT02	782	Monetary Amount Total dollar amount of P/O AMT*5*2105.674	M	R	1/18

The segments listed are the minimum standards A. Y. McDonald needs to process an EDI purchase order. There are other segments available for use within the X12 Purchase Order Standards and these may be used if necessary.