

# Aztec Manufacturing Corp.

Ship Notice (X12 004010 856)

Version 1.0

Created by:



## *Revision History*

Revision	Date	Description
1.0	08/22/2019	Created

**Heading:**

<u>Pos</u>	<u>Code</u>	<u>Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Comments</u>
010	ST	Transaction Set Header	M	1		
020	BSN	Beginning Segment for Ship Notice	M	1		
030	DTM	Date/Time	M	1		

**Detail:**

<u>Pos</u>	<u>Code</u>	<u>Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Comments</u>
		LOOP ID - Shipment			1	
040	HL	Hierarchical Level - Shipment	M	1		
050	TD1	Carrier Details (Quantity and Weight)	M	1		
060	TD5	Carrier Details (Routing Sequence)	M	1		
070	TD3	Carrier Details (Equipment)	M	1		
		LOOP ID - N1			3	
080	N1	Name	M	1		
		LOOP ID - Order			2000	
090	HL	Hierarchical Level - Order	M	1		
100	PRF	Purchase Order	M	1		
		LOOP ID - Tare			2000	
110	HL	Hierarchical Level - Tare	M	1		
120	MAN	Marks and Numbers	M	1		
		LOOP ID - Pack			2000	
130	HL	Hierarchical Level - Pack	M	1		
140	PKG	Marking, Packaging, Loading	M	1		
150	MAN	Marks and Numbers	M	1		
		LOOP ID - Item			2000	
160	HL	Hierarchical Level - Item	M	1		
170	LIN	Item Identification	M	1		
180	SN1	Item Detail (Shipment)	M	1		

**Summary:**

<u>Pos</u>	<u>Code</u>	<u>Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Comments</u>
190	CTT	Transaction Totals	M	1		
200	SE	Transaction Set Trailer	M	1		

**Segment:** ST – Transaction Set Header  
**Position:** 010  
**Loop Ending Position:** 200  
**Section:** Header  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

ST~856~0001^

Pos	Code	Name	Req.	Type	Length	Comments
ST01	0143	Transaction Set Identifier Code	M	ID	3 / 3	
ST02	0329	Transaction Set Control Number	M	N0	4 / 9	

**Segment:** BSN - Beginning Segment for Ship Notice  
**Position:** 020  
**Loop Ending Position:**  
**Section:** Header  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

BSN\*01\*SID #1\*20140120\*0955~

Pos	Code	Name	Req.	Type	Length	Comments
BSN01	0353	Transaction Set Purpose Code	M	ID	2 / 2	'00' = Original '01' = Cancellation '05' = Replace
BSN02	0396	Shipment Identification	M	N0	4 / 9	
BSN03	0373	Date	M	DT	8 / 10	
BSN04	0337	Time	M	TM	4 / 8	

**Segment:** DTM - Date/Time Reference  
**Position:** 030  
**Loop Ending Position:**  
**Section:** Header  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

DTM\*011\*20140129\*1249~

Pos	Code	Name	Req.	Type	Length	Comments
DTM01	0374	Date / Time Qualifier	M	ID	3 / 3	'011' = Shipped Date
DTM02	0373	Date	M	DT	8 / 8	
DTM03	0337	Time	M	TM	4 / 8	

**Segment:** HL - Hierarchical Level  
**Position:** 040  
**Loop Ending Position:** 180  
**Section:** Shipment  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

HL\*1\*\*S~

Pos	Code	Name	Req.	Type	Length	Comments
HL01	0628	Hierarchical ID Number	M	AN	1 / 12	
HL02	0734	Hierarchical Parent ID Number	O	AN	1 / 12	
HL03	0735	Hierarchical Level Code	M	ID	1 / 2	'S' = Shipment

**Segment:** TD1 - Carrier Details (Quantity and Weight)  
**Position:** 050  
**Loop Ending Position:**  
**Section:** Shipment  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

TD1\*PLT90\*2~

Pos	Code	Name	Req.	Type	Length	Comments
TD101	0103	Packaging Code	M	ID	3 / 5	
TD102	0080	Lading Quantity	M	N0	1 / 7	



**Segment:** TD5 - Carrier Details  
**Position:** 060  
**Loop Ending Position:**  
**Section:** Shipment  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

TD5\*B\*2\*SCAC\*LT~

Pos	Code	Name	Req.	Type	Length	Comments
TD501	0133	Routing Sequence Code	M	ID	1 / 2	'B' = Origin/Delivery Carrier
TD502	0066	Identification Code Qualifier	M	ID	1 / 2	'2' = Standard Carrier Alpha Code (SCAC)
TD503	0067	Identification Code	M	AN	2 / 4	
TD504	0097	Transportation Method/Type Code	M	ID	1 / 2	

**Segment:** TD3 - Carrier Details (Equipment)  
**Position:** 070  
**Loop Ending Position:**  
**Section:** Shipment  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

TD3\*TL\*EI\*EQUIP #1~

Pos	Code	Name	Req.	Type	Length	Comments
TD301	0040	Equipment Description Code	M	ID	2 / 2	
TD302	0206	Equipment Initial	M	AN	1 / 4	
TD303	0207	Equipment Number	M	AN	1 / 10	

**Segment:** N1 - Name  
**Position:** 080  
**Loop Ending Position:** 080  
**Section:** Name/Contact  
**Usage:** Mandatory  
**Max Use:** 3  
**Notes:**

N1\*ST\*\*92\*STCODE~

Pos	Code	Name	Req.	Type	Length	Comments
N101	0098	Entity Identifier Code	M	ID	2 / 2	'SU' = Supplier 'SF' = Ship-From 'ST' = Ship-To
N102	0093	Name	O	AN	1 / 60	
N103	0066	Identification Code Qualifier	M	ID	2 / 2	'92' = Assigned by Buyer
N104	0067	Identification Code	M	AN	2 / 80	

**Segment:** HL - Hierarchical Level  
**Position:** 090  
**Loop Ending Position:** 180  
**Section:** Order  
**Usage:** Mandatory  
**Max Use:** 2000  
**Notes:**

HL\*2\*1\*S~

Pos	Code	Name	Req.	Type	Length	Comments
HL01	0628	Hierarchical ID Number	M	AN	1 / 12	
HL02	0734	Hierarchical Parent ID Number	M	AN	1 / 12	
HL03	0735	Hierarchical Level Code	M	ID	1 / 2	'O' = Order

**Segment:** PRF - Purchase Order Reference  
**Position:** 100  
**Loop Ending Position:**  
**Section:** Order  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

PRF\*PORDER#1~

Pos	Code	Name	Req.	Type	Length	Comments
PRF01	0324	Purchase Order Number	M	AN	1 / 22	

**Segment:** HL - Hierarchical Level  
**Position:** 110  
**Loop Ending Position:** 180  
**Section:** Tare  
**Usage:** Optional  
**Max Use:** 2000  
**Notes:**

HL\*3\*2\*T~

Pos	Code	Name	Req.	Type	Length	Comments
HL01	0628	Hierarchical ID Number	M	AN	1 / 12	
HL02	0734	Hierarchical Parent ID Number	M	AN	1 / 12	
HL03	0735	Hierarchical Level Code	M	ID	1 / 2	'T' = Tare (Pallet)

**Segment:** MAN - Marks and Numbers  
**Position:** 120  
**Loop Ending Position:**  
**Section:** Tare  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

MAN\*W\*PALLET#1~

Pos	Code	Name	Req.	Type	Length	Comments
MAN01	0088	Marks and Numbers Qualifier	M	ID	1 / 2	'W' = Pallet Number
MAN02	0087	Marks and Numbers	M	AN	1 / 48	

**Segment:** HL - Hierarchical Level  
**Position:** 130  
**Loop Ending Position:** 180  
**Section:** Pack  
**Usage:** Mandatory  
**Max Use:** 2000  
**Notes:**

HL\*4\*3\*P~

Pos	Code	Name	Req.	Type	Length	Comments
HL01	0628	Hierarchical ID Number	M	AN	1 / 12	
HL02	0734	Hierarchical Parent ID Number	M	AN	1 / 12	
HL03	0735	Hierarchical Level Code	M	ID	1 / 2	'P' = Pack



**Segment:** PKG - MARKING, PACKAGING, LOADING  
**Position:** 140  
**Loop Ending Position:**  
**Section:** Pack  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

PKG\*F\*CB\*ZZ\*\*CONTAINER TYPE #1~

Pos	Code	Name	Req.	Type	Length	Comments
PKG01	0349	Item Description Type	M	ID	1 / 1	'F' = Free Form
PKG02	0753	Packaging Characteristic Code	M	ID	2 / 2	'CB' = Container Type
PKG03	0559	Agency Qualifier Code	M	ID	2 / 2	'ZZ' = Mutually Defined
PKG04	0754	Packaging Description Code	O	AN	1 / 7	
PKG05	0352	Description	M	AN	1 / 80	Code describing Package

**Segment:** MAN - MARKS AND NUMBERS  
**Position:** 150  
**Loop Ending Position:**  
**Section:** Pack  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

MAN\*CA\*CONTAINER SERIAL #1~

Pos	Code	Name	Req.	Type	Length	Comments
MAN01	0088	Marks and Numbers Qualifier	M	ID	2 / 2	'CA' = Case Number
MAN02	0087	Marks and Numbers	M	AN	1 / 48	Serial Number of Container

**Segment:** HL - Hierarchical Level  
**Position:** 160  
**Loop Ending Position:** 180  
**Section:** Item  
**Usage:** Mandatory  
**Max Use:** 2000  
**Notes:**

HL\*5\*4\*I~

Pos	Code	Name	Req.	Type	Length	Comments
HL01	0628	Hierarchical ID Number	M	AN	1 / 12	
HL02	0734	Hierarchical Parent ID Number	M	AN	1 / 12	
HL03	0735	Hierarchical Level Code	M	ID	1 / 2	'I' = Item

**Segment:** LIN - Item Identification  
**Position:** 170  
**Loop Ending Position:**  
**Section:** Item  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

LIN\*\*BP\*BPART #1\*VP\*VPART #1~

Pos	Code	Name	Req.	Type	Length	Comments
LIN01	0350	Assigned Identification	O	AN	1 / 20	
LIN02	0235	Product/Service ID Qualifier	M	ID	2 / 2	'BP' = Buyer Part Number
LIN03	0234	Product/Service ID	M	AN	1 / 48	
LIN04	0235	Product/Service ID Qualifier	M	ID	2 / 2	'VP' = Vendor Part Number
LIN05	0234	Product/Service ID	M	AN	1 / 48	

**Segment:** SN1 Item Detail (Shipment)  
**Position:** 180  
**Loop Ending Position:**  
**Section:** Item  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

SN1\*\*125\*EA\*2000~

Pos	Code	Name	Req.	Type	Length	Comments
SN101	0350	Assigned Identification	O	AN	1 / 20	
SN102	0382	Number of Units Shipped Per Container	M	R	1 / 10	
SN103	0355	Unit or Basis for Measurement Code	M	ID	2 / 2	
SN104	0646	Quantity Shipped to Date	M	R	1 / 15	

**Segment:** CTT - Transaction Totals  
**Position:** 190  
**Loop Ending Position:**  
**Section:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

CTT\*24~

Pos	Code	Name	Req.	Type	Length	Comments
CTT01	0354	Number of Line Items	M	N0	1 / 6	
CTT02	0347	Hash Total	O	R	1 / 10	

**Segment:** SE - Transaction Set Trailer  
**Position:** 200  
**Loop Ending Position:**  
**Section:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

SE\*76\*0001~

Pos	Code	Name	Req.	Type	Length	Comments
SE01	0096	Number of Included Segments	M	N0	1 / 6	
SE02	0329	Transaction Set Control Number	M	AN	4 / 9	

## Sample EDI for Palletized Items

ISA\*00\*                   \*00\*                   \*ZZ\*ICN2686                   \*ZZ\* AZTEC                   \*140129\*1302\*U\*00401\*000000020\*0\*P\*<~  
GS\*SH\*AZTEC\*ICN2686\*20140129\*1302\*20\*X\*004010~  
ST\*856\*0001~  
BSN\*01\*SID #1\*20140120\*0955~  
DTM\*011\*20140129\*1249~  
HL\*1\*\*S~  
TD1\*PLT90\*2~  
TD5\*B\*2\*SCAC\*LT~  
TD3\*TL\*EI\*EQUIP #1~  
N1\*ST\*\*92\*STCODE~  
N1\*SF\*\*92\*SFCODE~  
N1\*SU\*\*92\*SUCODE~  
HL\*2\*1\*O~  
PRF\*PORDER#1~  
HL\*3\*2\*T~  
MAN\*W\*PALLET#1~  
HL\*4\*3\*P~  
PKG\*F\*CB\*ZZ\*\*CONTAINER TYPE #1~  
MAN\*CA\*CONTAINER SERIAL #1~  
HL\*5\*4\*I~  
LIN\*\*BP\*BPART #1\*VP\*VPART #1~  
SN1\*\*125\*EA\*2000~  
HL\*6\*3\*P~  
PKG\*F\*CB\*ZZ\*\*CONTAINER TYPE #2~  
MAN\*CA\*CONTAINER SERIAL #2~  
HL\*7\*6\*I~  
LIN\*\*BP\*BPART #1\*VP\*VPART #1~  
SN1\*\*200\*EA\*2000~  
CTT\*2~  
SE\*76\*0001~  
GE\*1\*20~  
IEA\*1\*000000020~



## Sample EDI for Non-Palletized Items

ISA\*00\*                  \*00\*                  \*ZZ\*ICN2686                  \*ZZ\*AZTEC                  \*140204\*0933\*U\*00401\*000000024\*0\*P\*~<~  
GS\*SH\*ICN2686\*AZTEC\*20140204\*0933\*24\*X\*004010~  
ST\*856\*0001~  
BSN\*01\*SID #1\*20140120\*0955~  
DTM\*011\*20140204\*0928~  
HL\*1\*\*S~  
TD1\*PLT90\*2~  
TD5\*B\*2\*SCAC\*LT~  
TD3\*TL\*EI\*EQUIP #1~  
N1\*ST\*\*92\*STCODE~  
N1\*SF\*\*92\*SFCODE~  
N1\*SU\*\*92\*SUCODE~  
HL\*2\*1\*O~  
PRF\*PORDER#1~  
HL\*3\*2\*P~  
PKG\*F\*CB\*ZZ\*\*CONTAINERTYPE1~  
MAN\*CA\*CONTAINERSERIAL1~  
HL\*4\*3\*I~  
LIN\*\*BP\*BPART #1\*VP\*VPART #1~  
SN1\*\*111\*EA\*2000~  
HL\*5\*2\*P~  
PKG\*F\*CB\*ZZ\*\*CONTAINERTYPE1~  
MAN\*CA\*CONTAINERSERIAL2~  
HL\*6\*5\*I~  
LIN\*\*BP\*BPART #1\*VP\*VPART #1~  
SN1\*\*111\*EA\*2000~  
HL\*7\*2\*P~  
PKG\*F\*CB\*ZZ\*\*CONTAINERTYPE2~  
MAN\*CA\*CONTAINERSERIAL3~  
HL\*8\*7\*I~  
LIN\*\*BP\*BPART #1\*VP\*VPART #1~  
SN1\*\*222\*KG\*2000~  
HL\*9\*2\*P~  
PKG\*F\*CB\*ZZ\*\*CONTAINERTYPE1~  
MAN\*CA\*CONTAINERSERIAL4~  
HL\*10\*9\*I~  
LIN\*\*BP\*BPART #2\*VP\*VPART #2~  
SN1\*\*111\*EA\*6500~  
HL\*11\*1\*O~  
PRF\*PORDER#2~  
HL\*12\*11\*P~  
PKG\*F\*CB\*ZZ\*\*CONTAINERTYPE1~  
MAN\*CA\*CONTAINERSERIAL5~  
HL\*13\*12\*I~  
LIN\*\*BP\*BPART #3\*VP\*VPART #3~  
SN1\*\*111\*EA\*9500~  
CTT\*13~  
SE\*46\*0001~  
GE\*1\*24~  
IEA\*1\*000000024~