

Valero 860 Documentation

VIII. Purchase Order Change Request Layout Form 860

Outlined below is information provided to help clarify some specific elements as they pertain to Valero

Order of Segments - It is important that all segments be sent in the order that they are listed in this document.

Purchase Order Change or Reason Type Code (BCH01) - The type of change is sent in this field.

Purchase Order Type Code (BCH02) - 2 characters. The valid values for this data element are:
'CP' = Change to PO

Purchase Order Number (BCH03) - 10 digits. The purchase order number will always begin with 45 followed by the remaining 8 digits. Example: **4501035306**

Purchase Order Date (BCH06) – Format YYYYMMDD

Purchase Order Requested Date (BCH11) – Format YYYYMMDD.

Vendor Number (REF02) – 10 digits. Valero purchase order number. CR is the qualifier.

Requested Ship By Date (DTM02) – Format YYYYMMDD; Qualifier 010 is for DTM01

Order References Number (N902) – 100829 is for Wholesale Electric. Qualifier 11 is for N901.

Payment Terms (MSG) – Free form text for terms.

Buyer Name (N101 - BY) - The name of the Valero buyer order contact.

Buyer Phone Number (N104) – The phone number of the Valero buyer order contact.

Buyer Order Contact Name (N201) – Order contact name for buyer.

Buyer Order Contact E-mail Address (N202) – Order contact e-mail address for buyer.

Vendor Name (N102 - VN) - The name of the Valero vendor.

Vendor Number (N104 - VN) – 10 digits. The vendor number is assigned by Valero and is filled with leading zeros. Example: **0000654321**

Refinery Identification (N104 - ST) - A list of Valero refinery names and corresponding plant codes will be provided upon request. Example: **70079160**

Bill to Identification (N101 – BT) – Name bill to.

Bill to Phone Number (N104) – Phone number bill to.

Product Item number (POC01) – For example 00010.

Change or Response Type Code (POC02) – For example “CA”.

Product Quantity (POC03) – For example 20.

Product Unit of Measure (POC05) – For example “EA”.

Product Unit price (POC06) – For example 1.25

Product/Service ID (POC09) - 18 digits. This contains the Valero product/material code.
For example 42507. “NO VLO PART NO” will be populated if there are no part number from Valero.

Manufacture’s Material Code / Name (POC11) - We are now including the vendor’s material code on the POC segment, when available and provided. For example 123456. “SELLER PART NUMBER NOT PRESENT” will be populated if there are no part number from seller.

Product Description(PID) - The first line of PID segment is the description of Valero product/material code and the rest of PID segments are the description of vendor’s material code when available. This additional product description will be included when it exists. It is needed to better define the product/material being ordered.

Date Information (DTM) - The requested delivery date will be sent to all suppliers. We require some suppliers to use our ship date to meet delivery requirements.
Please contact your buyer if you have any questions regarding the use of the ship date in the purchase order.

<u>Seg</u>	<u>Element</u>	<u>Description</u>	<u>Min/Max</u>	<u>Code/Definition</u>
ISA		Interchange Control Header		
	ISA01	Authorization Information Qualifier	2/2	'00'
	ISA02	Authorization Information	10/10	Blank
	ISA03	Security Information Qualifier	2/2	'00'
	ISA04	Security Information	10/10	Blank
	ISA05	Interchange ID qualifier	2/2	'ZZ'
	ISA06	Interchange Sender ID	15/15	'VALERO'
	(production)			'VALEROT'
	(test)			
	ISA07	Interchange ID qualifier	2/2	Assigned by partner
	ISA08	Interchange Receiver ID	15/15	Assigned by partner
	ISA09	Interchange date	6/6	Format YYMMDD
	ISA10	Interchange time	4/4	Format HHMM
	ISA11	Interchange ctl standards ID	1/1	'U'
	ISA12	Interchange version ID	5/5	'00400'
	ISA13	Interchange Control Numbers	9/9	Unique sequential
	number to			identify transmissions to trading partner
	ISA14	Acknowledgment requested	1/1	'0' = No ack
	ISA15	Test indicator	1/1	'T' = Test data 'P' = Prod Data

ISA16 Subelement separator 1/1 '>'

Example ISA:

ISA*00* *00* *01*VALERO *99*999999999
*960911*1136*U*00400*000000243*0*P*>~

GS

Functional Group Header

GS01	Functional ID	2/2	'PC'
GS02	Application Sender ID	2/15	'VALERO' (production) 'VALEROT' (test)
GS03	Application Receiver ID	2/15	Assigned by partner
GS04	Data Interchange date	8/8	Format CCYYMMDD
GS05	Data Interchange time	4/8	Format HHMM
GS06	Data Interchange control #	1/9	Number assigned to the transmission
GS07	Responsible Agency Code	1/2	'X' = ANSI X12
GS08	Version/Release	1/12	'004010'

Example GS: GS*PC*VALERO*999999999*20000911*1136*243*X*004010~

<u>Seg</u>	<u>Element</u>	<u>Description</u>	<u>Min/Max</u>	<u>Code/Definition</u>
ST		Transaction Set Header		
	<i>ST01</i>	Transaction Set ID	3/3	'860'
	<i>ST02</i>	Transaction Set Control Number	4/9	Assigned sequential number for transaction

sets.

Example ST: ST*860*000000001~

BCH Number		Beginning Segment for Purchase Order Change		
	<i>BCH01</i>	Transaction Set Purpose Code	2/2	'00' – Original
	<i>BCH02</i>	Purchase Order Type	2/2	Valid values: 'CP' = Change Order
	<i>BCH03</i>	Purchase Order Number	1/22	Purchase Order
	<i>BCH06</i>	Purchase Order Date	8/8	Format CCYYMMDD

Example BCH: BCH*04*NE*4500035306***20000911~

CUR		Currency		
	<i>CUR01</i>	Entity Identifier Code	2/3	'BY' = Buying Party
	<i>CUR02</i>	Currency Code	3/3	

Example CUR: CUR*BY*USD~ *** Currently Not Used ***

REF Number		Reference Numbers		
	<i>REF01</i>	Reference Number Qualifier	2/3	'CR' = Vendor ID
	<i>REF02</i>	Reference Number	1/30	Valero PO number.

Example REF: REF*CR*4501654321~

N9		Reference Numbers		
	<i>N901</i>	Reference Ident. Qualifier	2/3	'11' = Vendor Number
	<i>N902</i>	Reference Identification	1/30	Vendor Number

Example N9: N9*11*123456~

MSG		Message Text		
	<i>MSG01</i>	Free Form Message Text	1/264	Text

Example MSG: MSG* Payment Terms: NET Due 30 DAYS, Freight Terms: Free on Board~

<u>Seg</u>	<u>Element</u>	<u>Description</u>	<u>Min/Max</u>	<u>Code/Definition</u>
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Name Loop Starts Here

N1	Name			
	<i>N101</i>	Entity Identifier Code	2/3	'VN' = Vendor
	<i>N102</i>	Name	1/60	Vendor name.

Example N1: N1*VN*Supplier XYZ~

Name Loop Ends Here

Name Loop Starts Here

N1	Name			
	<i>N101</i>	Entity Identifier Code	2/3	'ST' = Ship To
	<i>N102</i>	Name	1/60	
	<i>N103</i>	ID Code Qualifier	1/2	'12' Assigned by buyer
	<i>N104</i>	Identification Code	2/80	Valero Refinery

Example N1: N1*ST*Valero Refinery*12*12341215~

Here is the entire list (the other one only included the locations where we do business with Wholesale):

Ship to Codes (Zip code + Valero purchasing group):

- PL01 - Corpus Christi – 78407010, 78407011, 78407012, 78407014, 78407015, 78407016, 78407017
- PL02 - Texas City – 77590020, 77590021, 77590025
- PL03 - Houston – 77012030, 77012031, 77012032, 77012035
- PL09 – McKee - 79086090, 79086091, 79086092,
- PL06 – Paulsboro – 08066071, 08066072
- PL07 – Benicia – 94510700, 94510701, 94510705, 94510706, 94510707, 94510709, 94510B30
- PL08 – Wilmington – 90744080, 90744082, 90744084, 90744086
- PL10 - Three Rivers – 78071100, 78071101, 78071102, 78071105
- PL11 – Ardmore - 73401110, 73401112, 73401114
- PL16 – St. Charles – 70079160, 70079161, 70079162
- PL17 – Aruba - 170, 171, 172, 174 (no zip code exists)
- PL19 – Delaware City – 19706190, 19706192, 19706193, 19706194, 19706196
- PL21 – Memphis – 38109210, 38109212, 38109213
- PL22 – Pt. Arthur – 77640220, 77640226

N2	More Name Information		
	<i>N201</i>	Name Information	1/55

Example N2: N2*Additional Name information~

N3	Address Information		
	<i>N301</i>	Address Information	1/55

Example N3: N3*Ship to address~

N4		Geographic Location		
N401	City Name	2/30	City	
N402	State Code	2/2	State	
N403	Postal Code	3/15	Zip Code	

Example N4: N4*San Antonio*TX*78249*US~

Name Loop Ends Here

Name Loop Starts Here

N1		Name		
N101	Entity Identifier Code	2/3	'BT' = Bill To	
N102	Name	1/60		

Example N1: N1*BT*Valero~

N3		Address Information		
N301	Address Information	1/55		
Seg	Element	Description	Min/Max	Code/Definition

Example N3: N3*One Valero Way~

N4		Geographic Location		
N401	City Name	2/30	City	
N402	State Code	2/2	State	
N403	Postal Code	3/15	Zip Code	

Example N4: N4*San Antonio*TX*78249~

Name Loop Ends Here

Line Item Loop Starts Here

POC		Purchase Order Baseline Item Data		
POC01	Assigned Identification	1/20	Format 999	
POC02	Change Reason Type or Code	2/2	'CA' = Change Item 'DI' = Delete Item	
POC03	Quantity Ordered	1/15	Format 999	
POC04	Quantity Left to Receive	1/9	Format 999	
POC05	Unit or Basis for Measurement			
C001 01	Unit or Basis for Measurement	2/2	UOM (ex. EA)	
POC06	Unit Price	1/17	Format 999	
POC07	Basis Unit Price Code	2/2	UOM (ex. PE)	
POC08	Product/Service ID Qualifier	2/2	'BP' = Buyer's Part	
Number				
POC09	Product/Service ID	1/48	Owens Corning Material	

Code

POC10	Product/Service ID Qualifier	2/2	'MG' = Manufacturer's
Part Number			
POC11	Product/Service ID	1/48	Manufacturer's Material Code
POC12	Product/Service ID Qualifier	2/2	'MF' = Manufacturer Name
POC13	Product/Service ID	1/48	Manufacturer's Name

Example POC:

POC*03*DI*95**EA*0.60*PE*BP*00000000000028508*MG*9999999*MF*Whirlpool~

PID	Product Item Description			
PID01	Item Description Type		1/1	'F' = Free Form
PID05	Description		1/80	
	Seg	Element	Description	Min/Max
				Code/Definition

Example PID: PID*F**** FUSE,ELEC,BUSS,6A,20/230V,FRNR6 ~

DTM	Date/Time Reference			
DTM01	Date/Time Qualifier		3/3	'002' = Delivery
Requested				
DTM02	Date		8/8	'011' = Ship Date Format CCYYMMDD

Example DTM: DTM*002*20080911~

Seg	Element	Description	Min/Max	Code/Definition
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Line Item Loop Ends Here

CTT	Transaction Totals			
CTT01	Number of Line Items		1/6	Format 999
CTT02	Hash Total		1/10	Total Qty Ordered (Format 999)

Example CTT: CTT*17*365~

AMT	Po Total Amount			**** Not Used ****
AMT01	Number of Line Items		1/6	Format 999
AMT02	Order Total		1/10	Total Qty Ordered (Format 999)

Example AMT: AMT*1*365~

SE	Transaction Set Trailer			
SE01	Number of included segments		1/6	Total segments,
including the				
SE02	Transaction Set Control Number		4/9	ST and SE segments. Same number as ST02

Example SE: SE*42*00000001~

GE	Functional Group Trailer
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GE01 transaction	Number of Transaction Sets Included	1/6	Total number of
	GE02	Data Interchange Control Number	1/9

sets in functional group
Same number as GS06

Example GE: GE*1*243~

IEA in the	Interchange Control Trailer		
	IEA01	Number of Functional Groups	1/5
	IEA02	Interchange Control Number	9/9

Total number of groups
Interchange
Same number as ISA13

Example IEA: IEA*1*000000243~