

ECRS 850 Purchase Order Specification • Version 2.0

Overview

This document defines the structure and usage of the 850 Purchase Order X12 transaction set for ECRS.

ISA – Interchange Control Header

Usage: Mandatory

Purpose: Identifies the start of an interchange and provides sender/receiver IDs, date/time, control numbers, and version info.

Example:

```
ISA*00* *00* *ZZ*ECRSSIS *ZZ*123456789  
*250908*1855*U*00401*000010357*0*P*>~
```

GS – Functional Group Header

Usage: Mandatory

Purpose: Groups related transaction sets and provides application sender/receiver codes, date/time, group control number, and version.

Example:

```
GS*PO*ECRSSIS*123456789*20250908*1855*10357*X*004010~
```

ST – Transaction Set Header



Usage: Mandatory

Purpose: Indicates the start of a transaction set and assigns a control number.

Fields:

- **ST01:** Transaction Set Identifier Code (850)
- **ST02:** Transaction Set Control Number

Example:

ST*850*25228~

BEG – Beginning Segment for Purchase Order

Usage: Mandatory

Purpose: Indicates the beginning of the Purchase Order Transaction Set and transmits identifying numbers and dates.

Fields:

- **BEG01:** Transaction Set Purpose Code (e.g., 00)
- **BEG02:** Purchase Order Type Code (e.g., NE)
- **BEG03:** Purchase Order Number
- **BEG05:** Date (CCYYMMDD)

Example:

BEG*00*NE*1000648**20250908~

N1 – Name



Usage: Mandatory

Purpose: Identifies a party by type of organization, name, and code.

Fields:

- **N101:** Entity Identifier Code (e.g., ST)
- **N102:** Name (e.g., ECRS)
- **N103:** Identification Code Qualifier (e.g., 91)
- **N104:** Identification Code

Example:

N1*ST*ECRS*91*9876543210~

PO1 – Baseline Item Data

Usage: Mandatory

Purpose: Specifies basic line-item data.

Fields:

- **PO101:** Line Item Identification
- **PO102:** Quantity Ordered
- **PO103:** Unit of Measurement Code (e.g., EA, CS)
- **PO104:** Unit Price
- **PO106:** Product/Service ID Qualifier (e.g., VC)
- **PO107:** Product/Service ID (Vendor Code)



- **PO108:** Product/Service ID Qualifier (e.g., UP)

- **PO109:** Product/Service ID (UPC)

Example:

PO1*1*1*EA*3.04**VC*2851699*UP*037000458685~

CTT – Transaction Totals

Usage: Optional

Purpose: Transmits a hash total for a specific element in the transaction set.

Fields:

- **CTT01:** Number of Line Items

Example:

CTT*12~

SE – Transaction Set Trailer

Usage: Mandatory

Purpose: Indicates the end of the transaction set and provides the count of transmitted segments.

Fields:

- **SE01:** Number of Included Segments

- **SE02:** Transaction Set Control Number

Example:



SE*9*25228~

GE – Functional Group Trailer

Usage: Mandatory

Purpose: Marks the end of the functional group.

Example:

GE*1*10357~

IEA – Interchange Control Trailer

Usage: Mandatory

Purpose: Marks the end of the interchange.

Example:

IEA*1*000010357~