

GRUPO CORVI S.A. DE C.V. / ORGANIZACIÓN SAHUAYO, S.A. DE C.V.

Guía de implementación para Comprobantes Fiscales Digitales y Acuses Funcionales Electrónicos

**Gerencia de Sistemas de Información
Dirección de TI**

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Interlocutores Validos

Grupo Corvi

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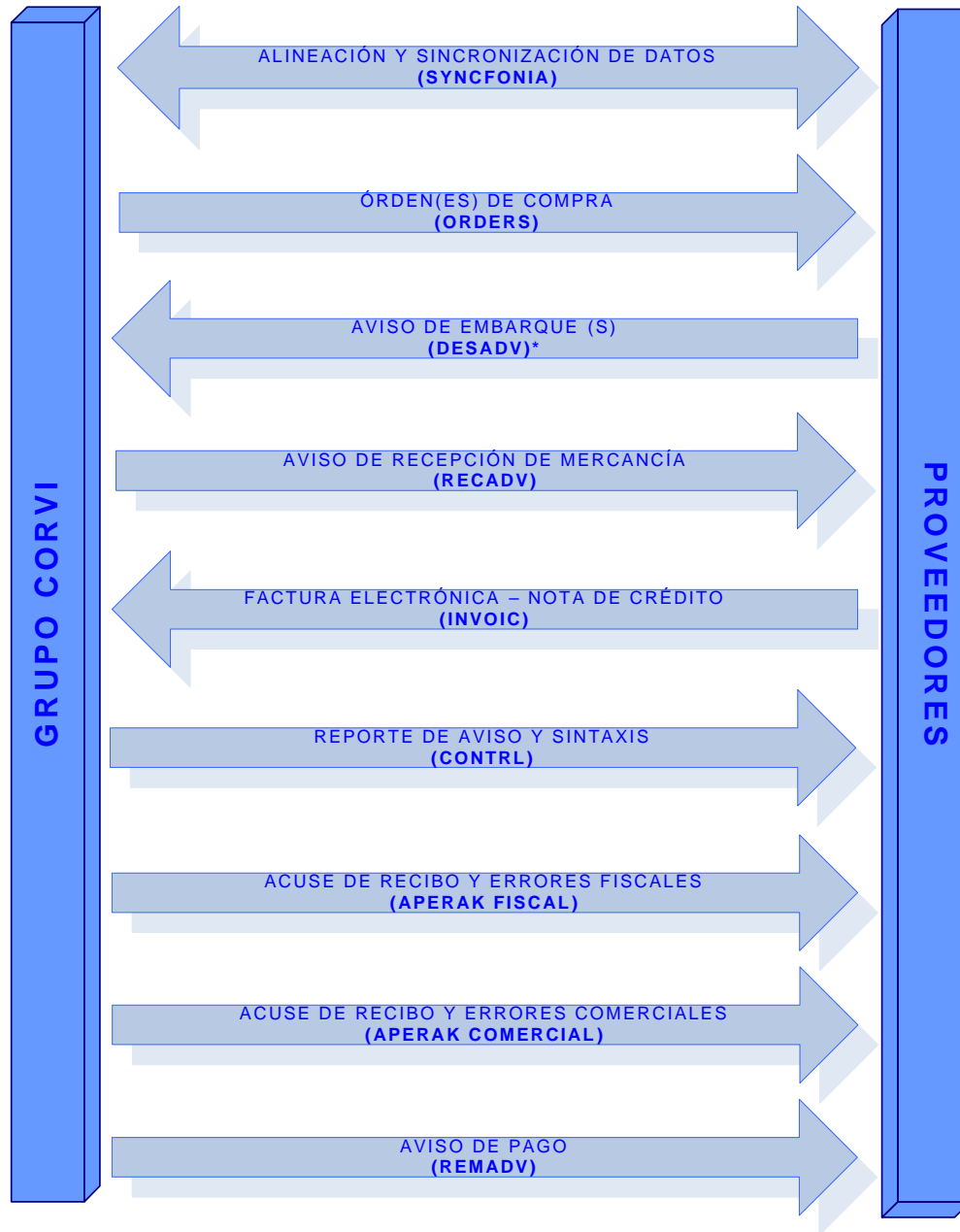
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Interlocutor Primario

PAEBSA
Tenoch Torres o Alejandro Sandoval
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Diagrama de proceso.

CICLO DE COMERCIO ELECTRÓNICO COMPLETO (EN DESARROLLO*)



1. GRUPO CORVI genera la Orden de Compra EDI (ORDER) la cual se envía a través del BURO EDI PAEBSA.
2. EL PROVEEDOR recibe la **Orden de Compra EDI (ORDER)** a través de su Buró EDI. Prepara y embarca la mercancía solicitada en el pedido EDI con una nota de remisión o carta porte (Post-Entrega) o bien con copia impresa de la Factura Electrónica (Pre-Entrega) para su entrega en la sucursal de OSA.
3. GRUPO CORVI recibe la mercancía en la Sucursal OSA verificando las condiciones generales del pedido y se le entrega al proveedor copia de nota de remisión (o copia de FE) sellada a EL PROVEEDOR.
4. GRUPO CORVI a través de la sucursal OSA genera y envía el **Aviso de Recepción de Mercancía EDI (RECADV)** a EL PROVEEDOR. En caso de que EL PROVEEDOR siga el esquema de Facturación Electrónica Pre-Entrega si pasa al paso No. 6.
5. EL PROVEEDOR recibe el **Aviso de Recepción de Mercancía EDI (RECADV)** y toma la información contenida en él para generar la Factura Electrónica (archivo XML con Addenda en EDIFACT versión 01B).
6. EL PROVEEDOR genera y envía la(s) **Factura(s) Electrónica(s) EDI (INVOIC) y/o Notas de Crédito (Pre-Entrega)**. Comentario: Con el esquema de Post-Facturación buscamos eliminar las notas de crédito, sin embargo estamos preparados para recibir aquellas que se generen por conceptos distintos de operación (ej. descuentos especiales, ajustes por planes de crecimiento, etc.).
7. GRUPO CORVI recibe el archivo XML de la Factura Electrónica. Revisa la estructura sintáctica EDI de la FE y genera el **Reporte de Aviso y Sintaxis EDI (CONTRL)**.
8. GRUPO CORVI revisa y valida la información contenida en el esquema fiscal (Anexo 20 SAT) así como el esquema comercial (GLN Sucursales, Códigos de Barra de Productos, etc.) de la FE.
9. GRUPO CORVI genera y envía el **Acuse de Recibo y Notificación de Errores Fiscal y Comercial EDI (APERAK)** a EL PROVEEDOR.
10. GRUPO CORVI libera los pagos al proveedor previa conciliación de documentos electrónicos.
11. GRUPO CORVI envía al proveedor el Aviso de Pago EDI (REMADV) en el que se detallan los pagos realizados.

LAY OUT ARCHIVO DE INTERFASE PROPUESTO PARA EL DISEÑO E IMPLEMENTACION DEL DOCUMENTO DE FACTURA PARA GRUPO SAHUAYO (ESTANDAR EDIFACT D01B TRANSACCION INVOIC)

| ID SEGMENTO | NOMBRE SEGMENTO | REQ. | SECUENCIA | MAX. OCC. | LOOP |
|-------------|----------------------|------|-----------|-----------|-------|
| | ENVELOPE HEADER | | | | |
| UNB | INTERCHANGE HEADER | M | 1 | 1 | |
| UNH | MESSAGE HEADER | M | 1 | 1 | |
| | | | | | |
| | HEADER SECTION | | | | |
| BGM | BEGINNING OF MESSAGE | M | 1 | 1 | |
| DTM | DATE/TIME/PERIOD | M | 1 | 35 | |
| | SEGMENT GROUP 1 | C | 1 | | 99999 |
| RFF | REFERENCE | C | 1 | 1 | |
| DTM | DATE/TIME/PERIOD | M | 1 | 5 | |
| | SEGMENT GROUP 1 | C | 2 | | 99998 |
| RFF | REFERENCE | C | 1 | 1 | |
| | SEGMENT GROUP 1 | C | 4 | | 99996 |
| RFF | REFERENCE | C | 1 | 1 | |
| | SEGMENT GROUP 2 | C | 1 | | 99 |
| NAD | NAME AND ADDRESS | M | 1 | 1 | |
| | SEGMENT GROUP 2 | C | 2 | | 98 |
| NAD | NAME AND ADDRESS | M | 1 | 1 | |
| | SEGMENT GROUP 2 | C | 3 | | 97 |
| NAD | NAME AND ADDRESS | M | 1 | 1 | |
| | SEGMENT GROUP 8 | C | 1 | | 10 |
| PAT | PAYMENT TERMS BASIS | M | 1 | 1 | |
| | SEGMENT GROUP 16 | C | 1 | | 9999 |
| ALC | ALLOWANCE OR CHARGE | M | 1 | 1 | |
| | SEGMENT GROUP 19 | C | 1 | | 1 |
| PCD | PERCENTAGE DETAILS | M | 1 | 1 | |
| | SEGMENT GROUP 16 | C | 2 | | 9998 |
| ALC | ALLOWANCE OR CHARGE | M | 1 | 1 | |
| | SEGMENT GROUP 19 | C | 1 | | 1 |
| PCD | PERCENTAGE DETAILS | M | 1 | 1 | |
| | SEGMENT GROUP 16 | C | 3 | | 9997 |
| ALC | ALLOWANCE OR CHARGE | M | 1 | 1 | |
| | SEGMENT GROUP 19 | C | 1 | | 1 |
| PCD | PERCENTAGE DETAILS | M | 1 | 1 | |
| | SEGMENT GROUP 16 | C | 4 | | 9996 |
| ALC | ALLOWANCE OR CHARGE | M | 1 | 1 | |
| | SEGMENT GROUP 19 | C | 1 | | 1 |
| PCD | PERCENTAGE DETAILS | M | 1 | 1 | |
| | SEGMENT GROUP 16 | C | 5 | | 9995 |

| | | | | | | |
|-----|--------------------------|------------------|---|---|----|-------|
| ALC | ALLOWANCE OR CHARGE | | M | 1 | 1 | |
| | | SEGMENT GROUP 19 | C | 1 | | 1 |
| PCD | PERCENTAGE DETAILS | | M | 1 | 1 | |
| | | SEGMENT GROUP 16 | C | 6 | | 9994 |
| ALC | ALLOWANCE OR CHARGE | | M | 1 | 1 | |
| | | SEGMENT GROUP 19 | C | 1 | | 1 |
| PCD | PERCENTAGE DETAILS | | M | 1 | 1 | |
| | | | | | | |
| | | DETAIL SECTION | | | | |
| | | SEGMENT GROUP 26 | C | 1 | | 99999 |
| LIN | LINE ITEM | | M | 1 | 1 | |
| IMD | ITEM DESCRIPTION | | C | 1 | 99 | |
| QTY | QUANTITY | | C | 1 | 5 | |
| QTY | QUANTITY | | C | 2 | 4 | |
| | | SEGMENT GROUP 29 | C | 1 | | 25 |
| PRI | PRICE DETAILS | | M | 1 | 1 | |
| | | SEGMENT GROUP 29 | C | 2 | | 24 |
| PRI | PRICE DETAILS | | M | 1 | 1 | |
| | | SEGMENT GROUP 30 | C | 1 | | 10 |
| RFF | REFERENCE | | M | 1 | 1 | |
| | | SEGMENT GROUP 31 | C | 1 | | 10 |
| PAC | PACKAGE | | M | 1 | 1 | |
| | | SEGMENT GROUP 34 | C | 1 | | 99 |
| TAX | DUTY / TAX / FEE DETAILS | | M | 1 | 1 | |
| MOA | MONETARY AMOUNT | | C | 1 | 2 | |
| | | SEGMENT GROUP 34 | C | 2 | | 98 |
| TAX | DUTY / TAX / FEE DETAILS | | M | 1 | 1 | |
| MOA | MONETARY AMOUNT | | C | 1 | 2 | |
| | | SEGMENT GROUP 39 | C | 1 | | 30 |
| ALC | ALLOWANCE OR CHARGE | | M | 1 | 1 | |
| | | SEGMENT GROUP 41 | C | 1 | | 1 |
| PCD | PERCENTAGE DETAILS | | M | 1 | 1 | |
| | | SEGMENT GROUP 42 | C | 1 | | 2 |
| MOA | MONETARY AMOUNT | | C | 1 | 1 | |
| | | SEGMENT GROUP 39 | C | 2 | | 29 |
| ALC | ALLOWANCE OR CHARGE | | M | 1 | 1 | |
| | | SEGMENT GROUP 41 | C | 1 | | 1 |
| PCD | PERCENTAGE DETAILS | | M | 1 | 1 | |
| | | SEGMENT GROUP 42 | C | 1 | | 2 |
| MOA | MONETARY AMOUNT | | C | 1 | 1 | |
| | | SEGMENT GROUP 39 | C | 3 | | 28 |
| ALC | ALLOWANCE OR CHARGE | | M | 1 | 1 | |
| | | SEGMENT GROUP 41 | C | 1 | | 1 |

| | | | | | | |
|-----|--------------------------|------------------|---|---|----|-----|
| PCD | PERCENTAGE DETAILS | | M | 1 | 1 | |
| | | SEGMENT GROUP 42 | C | 1 | | 2 |
| MOA | MONETARY AMOUNT | | C | 1 | 1 | |
| | | SEGMENT GROUP 39 | C | 4 | | 27 |
| ALC | ALLOWANCE OR CHARGE | | M | 1 | 1 | |
| | | SEGMENT GROUP 41 | C | 1 | | 1 |
| PCD | PERCENTAGE DETAILS | | M | 1 | 1 | |
| | | SEGMENT GROUP 42 | C | 1 | | 2 |
| MOA | MONETARY AMOUNT | | C | 1 | 1 | |
| | | SEGMENT GROUP 39 | C | 5 | | 26 |
| ALC | ALLOWANCE OR CHARGE | | M | 1 | 1 | |
| | | SEGMENT GROUP 41 | C | 1 | | 1 |
| PCD | PERCENTAGE DETAILS | | M | 1 | 1 | |
| | | SEGMENT GROUP 42 | C | 1 | | 2 |
| MOA | MONETARY AMOUNT | | C | 1 | 1 | |
| | | SEGMENT GROUP 39 | C | 6 | | 25 |
| ALC | ALLOWANCE OR CHARGE | | M | 1 | 1 | |
| | | SEGMENT GROUP 41 | C | 1 | | 1 |
| PCD | PERCENTAGE DETAILS | | M | 1 | 1 | |
| | | SEGMENT GROUP 42 | C | 1 | | 2 |
| MOA | MONETARY AMOUNT | | C | 1 | 1 | |
| | | | | | | |
| | | SUMMARY SECTION | | | | |
| UNS | SECTION CONTROL | | M | 1 | 1 | |
| CNT | CONTROL TOTAL | | M | 1 | 10 | |
| | | SEGMENT GROUP 50 | M | 1 | | 100 |
| MOA | MONETARY AMOUNT | | M | 1 | 98 | |
| | | SEGMENT GROUP 52 | C | 1 | | 10 |
| TAX | DUTY / TAX / FEE DETAILS | | M | 1 | 1 | |
| MOA | MONETARY AMOUNT | | C | 1 | 9 | |
| | | SEGMENT GROUP 52 | C | 2 | | 9 |
| TAX | DUTY / TAX / FEE DETAILS | | M | 1 | 1 | |
| MOA | MONETARY AMOUNT | | C | 1 | 9 | |
| | | | | | | |
| | | ENVELOPE TRAILER | | | | |
| UNT | MESSAGE TRAILER | | M | 1 | 1 | |
| UNZ | INTERCHANGE TRAILER | | M | 1 | 1 | |

ENVELOPE HEADER

| | | | | | | | | |
|------|--------------------|-------------------|----------|---|---|--------|---|---|
| UNB | INTERCHANGE HEADER | | ENVELOPE | | | M | 1 | 1 |
| S001 | | Syntax identifier | M | | | | | |
| | 0001 | Syntax identifier | M | A | 4 | 'UNOA' | Agencia normalizadora y nivel de sintaxis | |

| | | | | | | |
|------|------|---------------------------------------|---|----|----|--|
| | 0002 | Syntax version number | M | N | 1 | '2' Versión de sintaxis |
| S002 | | Interchange sender | M | | | |
| | 0004 | Sender identification | M | AN | 35 | Communications ID del proveedor |
| | 0007 | Partner identification code qualifier | C | AN | 4 | Qualifier del proveedor |
| S003 | | Interchange recipient | M | | | |
| | 0010 | Recipient identification | M | AN | 35 | 'CORVI' |
| | 0007 | Partner identification code qualifier | C | AN | 4 | 'ZZ' Mutually defined |
| S004 | | Date/time of preparation | M | | | |
| | 0017 | Date | M | N | 6 | Fecha del intercambio YYMMDD |
| | 0019 | Time | M | N | 4 | Hora del intercambio HHMM |
| 0020 | | Interchange control reference | M | AN | 14 | Contador de intercambios (serie y numero de factura) |
| 0026 | | Application reference | C | AN | 14 | 'INVOIC' |

| UNH | MESSAGE HEADER | | ENVELOPE | | | M | 1 | 1 |
|------|----------------|---------------------------|----------|----|----|---|---|---|
| 0062 | | Message reference number | M | AN | 14 | | | Número secuencial de la transacción (serie y numero de factura) |
| S009 | | Message identifier | M | | | | | |
| | 0065 | Message type | M | AN | 6 | | | 'INVOIC' |
| | 0052 | Message version number | M | AN | 3 | | | 'D' Version |
| | 0054 | Message release number | M | AN | 3 | | | '01B' Release number |
| | 0051 | Controlling agency | M | AN | 2 | | | 'UN' United Nations |
| | 0057 | Association assigned code | C | AN | 6 | | | 'AMC7.1' |

DATA HEADER

| BGM | BEGINNING OF MESSAGE | | HEADER | | | M | 1 | 1 |
|----------|----------------------|---------------------------------|--------|----|----|---|---|---|
| 010-C002 | | Document/message name | C | | | | | |
| | 1001 | Document/message name, coded | C | AN | 3 | | | '380' Commercial invoice '381' Credit note '383' Debit note |
| 020-C106 | | Document/message identification | C | | | | | |
| | 1004 | Document/message number | C | AN | 35 | | | Número del documento (Folio del comprobante) |
| 030 | 1225 | Message function, coded | C | AN | 3 | | | '1' Cancellation '9' Original '5' Replace |

| DTM | DATE/TIME/PERIOD | | HEADER | | | M | 1 | 35 |
|----------|------------------|----------------------------|--------|----|---|---|---|--------------------------------------|
| 010-C507 | | Date/time/period | M | | | | | |
| | 2005 | Date/time/period qualifier | M | AN | 3 | | | '137' Document / Message date / time |

| | | | | | | |
|--|------|-----------------------------------|---|----|----|--|
| | 2380 | Date/time/period | C | AN | 35 | Fecha de generación del documento (afectación contable / creación del folio) |
| | 2379 | Date/time/period format qualifier | C | AN | 3 | '102' CCYYMMDD |

| SEGMENT GROUP 1 | | HEADER | | C | 1 | 99999 |
|-----------------|-----------|---------------------|---|----|----|---|
| RFF | REFERENCE | HEADER | | M | 1 | 1 |
| 010-C506 | | Reference | M | | | |
| | 1153 | Reference qualifier | M | AN | 3 | 'IV' Invoice number |
| | 1154 | Reference number | C | AN | 70 | Número de factura (serie + Folio) (si el documento EDI es una nota de crédito elemento 1001 del segmento BGM = 381 indicará a que factura se hace referencia. Si el documento EDI es una factura aquí se repite el dato de numero de factura. |

| DTM | DATE/TIME/PERIOD | HEADER | | M | 1 | 5 |
|----------|------------------|-----------------------------------|---|----|----|---|
| 010-C507 | | Date/time/period | M | | | |
| | 2005 | Date/time/period qualifier | M | AN | 3 | '171' Reference date / time |
| | 2380 | Date/time/period | C | AN | 35 | Fecha de la factura (si el documento EDI es una nota de crédito elemento 1001 del segmento BGM = 381) |
| | 2379 | Date/time/period format qualifier | C | AN | 3 | '102' CCYYMMDD |

| SEGMENT GROUP 1 | | DETAIL | | C | 2 | 99998 |
|-----------------|-----------|---------------------|---|----|----|-------------------------------|
| RFF | REFERENCE | DETAIL | | M | 1 | 1 |
| 010-C506 | | Reference | M | | | |
| | 1153 | Reference qualifier | M | AN | 3 | 'ACE' Related Document Number |
| | 1154 | Reference number | C | AN | 70 | Número de remisión |

| SEGMENT GROUP 1 | | DETAIL | | C | 4 | 99996 |
|-----------------|-----------|---------------------|---|----|----|---|
| RFF | REFERENCE | DETAIL | | M | 1 | 1 |
| 010-C506 | | Reference | M | | | |
| | 1153 | Reference qualifier | M | AN | 3 | 'AWR' Document reference. Original |
| | 1154 | Reference number | C | AN | 70 | Número de documento original al que se esta reemplazando con este nuevo documento |

| SEGMENT GROUP 2 | | | HEADER | | | C | 1 | 99 |
|-----------------|------------------|-----------------------------------|--------|----|----|---|---|----|
| NAD | NAME AND ADDRESS | | HEADER | | | M | 1 | 1 |
| 010 | 3035 | Party qualifier | M | AN | 3 | 'BY' Buyer | | |
| 020-C082 | | Party identification details | C | | | | | |
| | 3039 | Party Id identification | M | AN | 35 | Número GLN de la parte compradora (Corvi) | | |
| | 3055 | Code list responsible agency code | C | AN | 1 | '9' EAN | | |
| 040-C080 | | Party name | C | | | | | |
| | 3036 | Party name | M | AN | 35 | Nombre de la parte compradora (parte 1) | | |
| | 3036 | Party name | C | AN | 35 | Nombre de la parte compradora (parte 2) | | |

| SEGMENT GROUP 2 | | | HEADER | | | C | 2 | 98 |
|-----------------|------------------|------------------------------|--------|----|----|--------------------------------|---|----|
| NAD | NAME AND ADDRESS | | HEADER | | | M | 1 | 1 |
| 010 | 3035 | Party qualifier | M | AN | 3 | 'SU' Suplier | | |
| 020-C082 | | Party identification details | C | | | | | |
| | 3039 | Party Id identification | M | AN | 35 | Número GLN del proveedor | | |
| 040-C080 | | Party name | C | | | | | |
| | 3036 | Party name | M | AN | 35 | Nombre del proveedor (parte 1) | | |
| | 3036 | Party name | C | AN | 35 | Nombre del proveedor (parte 2) | | |

| SEGMENT GROUP 8 | | | HEADER | | | C | 1 | 10 |
|-----------------|---------------------|--------------------------------------|--------|----|---|----------------------------|---|----|
| PAT | PAYMENT TERMS BASIS | | HEADER | | | M | 1 | 1 |
| 010 | 4279 | Payment terms type code qualifier | M | AN | 3 | '1' Basic | | |
| 030-C112 | | Payment terms description identifier | C | | | | | |
| | 2475 | Time reference code | M | AN | 3 | '68' Effective date | | |
| | 2009 | Terms time relation code | C | AN | 3 | '3' After reference | | |
| | 2151 | Period type code | C | AN | 3 | 'D' Day | | |
| | 2152 | Period count quantity | C | N | 3 | Número de periodos de pago | | |

| SEGMENT GROUP 16 | | | HEADER | | | C | 1 | 9999 |
|------------------|---------------------|------------------------------------|--------|----|---|---------------------------|---|------|
| ALC | ALLOWANCE OR CHARGE | | HEADER | | | M | 1 | 1 |
| 010 | 5463 | Allowance or charge code qualifier | M | AN | 3 | 'A' Allowance | | |
| 020-C214 | | Special service description code | C | AN | | | | |
| | 7161 | Special service description code | C | AN | 3 | 'ADO' Efficient logistics | | |

| SEGMENT GROUP 19 | | | HEADER | | | C | 1 | 1 |
|------------------|--------------------|--------------------------------|--------|----|----|--------------------------|---|---|
| PCD | PERCENTAGE DETAILS | | HEADER | | | M | 1 | 1 |
| 010-C501 | | Percentage type code qualifier | M | | | | | |
| | 5245 | Percentage type code qualifier | M | AN | 3 | '1' Allowance | | |
| | 5482 | Percentage | C | N | 10 | Porcentaje del descuento | | |

| SEGMENT GROUP 16 | | | HEADER | | | C | 2 | 9998 |
|------------------|---------------------|------------------------------------|--------|----|---|---------------------|---|------|
| ALC | ALLOWANCE OR CHARGE | | HEADER | | | M | 1 | 1 |
| 010 | 5463 | Allowance or charge code qualifier | M | AN | 3 | 'A' Allowance | | |
| 020-C214 | | Special service description code | C | AN | | | | |
| | 7161 | Special service description code | C | AN | 3 | 'CAC' Cash discount | | |

| SEGMENT GROUP 19 | | | HEADER | | | C | 1 | 1 |
|------------------|--------------------|--------------------------------|--------|----|----|--------------------------|---|---|
| PCD | PERCENTAGE DETAILS | | HEADER | | | M | 1 | 1 |
| 010-C501 | | Percentage type code qualifier | M | | | | | |
| | 5245 | Percentage type code qualifier | M | AN | 3 | '1' Allowance | | |
| | 5482 | Percentage | C | N | 10 | Porcentaje del descuento | | |

| SEGMENT GROUP 16 | | | HEADER | | | C | 3 | 9997 |
|------------------|---------------------|------------------------------------|--------|----|---|---------------------------|---|------|
| ALC | ALLOWANCE OR CHARGE | | HEADER | | | M | 1 | 1 |
| 010 | 5463 | Allowance or charge code qualifier | M | AN | 3 | 'A' Allowance | | |
| 020-C214 | | Special service description code | C | AN | | | | |
| | 7161 | Special service description code | C | AN | 3 | 'EAA' Early buy allowance | | |

| SEGMENT GROUP 19 | | | HEADER | | | C | 1 | 1 |
|------------------|--------------------|--------------------------------|--------|----|----|--------------------------|---|---|
| PCD | PERCENTAGE DETAILS | | HEADER | | | M | 1 | 1 |
| 010-C501 | | Percentage type code qualifier | M | | | | | |
| | 5245 | Percentage type code qualifier | M | AN | 3 | '1' Allowance | | |
| | 5482 | Percentage | C | N | 10 | Porcentaje del descuento | | |

| SEGMENT GROUP 16 | | | HEADER | | | C | 4 | 9996 |
|------------------|---------------------|------------------------------------|--------|----|---|-----------------------------|---|------|
| ALC | ALLOWANCE OR CHARGE | | HEADER | | | M | 1 | 1 |
| 010 | 5463 | Allowance or charge code qualifier | M | AN | 3 | 'A' Allowance | | |
| 020-C214 | | Special service description code | C | AN | | | | |
| | 7161 | Special service description code | C | AN | 3 | 'PAD' Promotional Allowance | | |

| SEGMENT GROUP 19 | | | HEADER | | | C | 1 | 1 |
|------------------|--------------------|--------------------------------|--------|----|----|--------------------------|---|---|
| PCD | PERCENTAGE DETAILS | | HEADER | | | M | 1 | 1 |
| 010-C501 | | Percentage type code qualifier | M | | | | | |
| | 5245 | Percentage type code qualifier | M | AN | 3 | '1' Allowance | | |
| | 5482 | Percentage | C | N | 10 | Porcentaje del descuento | | |

| SEGMENT GROUP 16 | | | HEADER | | | C | 5 | 9995 |
|------------------|---------------------|------------------------------------|--------|----|---|---------------------|---|------|
| ALC | ALLOWANCE OR CHARGE | | HEADER | | | M | 1 | 1 |
| 010 | 5463 | Allowance or charge code qualifier | M | AN | 3 | 'A' Allowance | | |
| 020-C214 | | Special service description code | C | AN | | | | |
| | 7161 | Special service description code | C | AN | 3 | 'TD' Trade discount | | |

| SEGMENT GROUP 19 | | | HEADER | | | C | 1 | 1 |
|------------------|--|--|--------|--|--|---|---|---|
| | | | | | | | | |

| PCD | PERCENTAGE DETAILS | | HEADER | | | M | 1 | 1 |
|----------|--------------------|--------------------------------|--------|----|----|---|--------------------------|---|
| 010-C501 | | Percentage type code qualifier | M | | | | | |
| | 5245 | Percentage type code qualifier | M | AN | 3 | | '1' Allowance | |
| | 5482 | Percentage | C | N | 10 | | Porcentaje del descuento | |

| SEGMENT GROUP 16 | | | HEADER | | | C | 6 | 9994 |
|------------------|---------------------|------------------------------------|--------|----|---|---|------------------------|------|
| ALC | ALLOWANCE OR CHARGE | | HEADER | | | M | 1 | 1 |
| 010 | 5463 | Allowance or charge code qualifier | M | AN | 3 | | 'A' Allowance | |
| 020-C214 | | Special service description code | C | AN | | | | |
| | 7161 | Special service description code | C | AN | 3 | | 'ZZZ' Mutually defined | |

| SEGMENT GROUP 19 | | | HEADER | | | C | 1 | 1 |
|------------------|--------------------|--------------------------------|--------|----|----|---|--------------------------|---|
| PCD | PERCENTAGE DETAILS | | HEADER | | | M | 1 | 1 |
| 010-C501 | | Percentage type code qualifier | M | | | | | |
| | 5245 | Percentage type code qualifier | M | AN | 3 | | '1' Allowance | |
| | 5482 | Percentage | C | N | 10 | | Porcentaje del descuento | |

DETAIL SECTION

| SEGMENT GROUP 26 | | | DETAIL | | | C | 1 | 99999 |
|------------------|-----------|----------------------------|--------|----|----|---|---|-------|
| LIN | LINE ITEM | | DETAIL | | | C | 1 | 1 |
| 010 | 1082 | Line item identifier | C | AN | 6 | | Contador de la partida | |
| 030-C212 | | Item number identification | C | | | | | |
| | 7140 | Item number | C | AN | 35 | | Código del artículo recibido | |
| | 7143 | Item number type coded | C | AN | 3 | | 'EN' EAN code 'UP' UPC code 'SRV' EAN. UCC Global trade item number | |

| IMD | ITEM DESCRIPTION | | DETAIL | | | C | 1 | 99 |
|----------|------------------|------------------------------|--------|----|-----|---|--------------------------|----|
| 010 | 7077 | Item description type, coded | C | AN | 3 | | 'F' Free-form | |
| 030-C273 | | Item description | C | | | | | |
| | 7008 | Item description | C | AN | 256 | | Descripción del artículo | |

| QTY | QUANTITY | | DETAIL | | | C | 1 | 5 |
|----------|----------|-----------------------|--------|----|----|---|--|---|
| 010-C186 | | Quantity details | M | | | | | |
| | 6063 | Quantity qualifier | M | AN | 3 | | '47' Invoiced quantity | |
| | 6060 | Quantity | M | N | 35 | | Cantidad facturada | |
| | 6411 | Measurement unit code | M | AN | 3 | | Unidad de medida Facturada 'CA' Caja 'EA' Unidad Mínima Indivisible | |

| QTY | QUANTITY | | DETAIL | | | C | 2 | 4 |
|-----|----------|--|--------|--|--|---|---|---|
|-----|----------|--|--------|--|--|---|---|---|

| | | | | | | | |
|----------|------|-----------------------|---|----|----|--|--|
| 010-C186 | | Quantity details | M | | | | |
| | 6063 | Quantity qualifier | M | AN | 3 | '192' Free goods quantity | |
| | 6060 | Quantity | M | N | 35 | Cantidad gratis de mercancía (free goods) | |
| | 6411 | Measurement unit code | M | AN | 3 | Unidad de medida Cantidad Facturada 'CA' Caja 'EA' Unidad Mínima Indivisible | |

| | | | | | | | | |
|----------|------------------|-------------------|--------|----|----|-------------------------|---|----|
| | SEGMENT GROUP 29 | | DETAIL | | | C | 1 | 25 |
| PRI | PRICE DETAILS | | DETAIL | | | C | 1 | 1 |
| 010-C509 | | Price information | C | | | | | |
| | 5125 | Price qualifier | M | AN | 3 | 'AAA' Calculation net | | |
| | 5118 | Price | C | N | 15 | Costo neto por articulo | | |

| | | | | | | | | |
|----------|------------------|-------------------|--------|----|----|--------------------------|---|----|
| | SEGMENT GROUP 29 | | DETAIL | | | C | 2 | 24 |
| PRI | PRICE DETAILS | | DETAIL | | | C | 1 | 1 |
| 010-C509 | | Price information | C | | | | | |
| | 5125 | Price qualifier | M | AN | 3 | 'AAB' Calculation gross | | |
| | 5118 | Price | C | N | 15 | Costo bruto por articulo | | |

| | | | | | | | | |
|----------|------------------|---------------------|--------|----|----|------------------------------|---|----|
| | SEGMENT GROUP 30 | | DETAIL | | | C | 1 | 10 |
| RFF | REFERENCE | | DETAIL | | | M | 1 | 1 |
| 010-C506 | | Reference | M | | | | | |
| | 1153 | Reference qualifier | M | AN | 3 | 'ON' Order number (Purchase) | | |
| | 1154 | Reference number | C | AN | 70 | Número de orden de compra | | |

| | | | | | | | | |
|----------|--------------------------|--|--------|----|----|-------------------------------|---|----|
| | SEGMENT GROUP 34 | | DETAIL | | | C | 1 | 99 |
| TAX | DUTY / TAX / FEE DETAILS | | DETAIL | | | M | 1 | 1 |
| 010 | 5283 | Duty or tax or fee function code qualifier | M | AN | 3 | '7' Tax | | |
| 020-C241 | | Duty or tax or fee type name code | C | | | | | |
| | 5153 | Duty or tax or fee type name code | C | AN | 3 | 'VAT' Value added tax | | |
| 050-C243 | | Duty or Tax or fee rate code | C | | | | | |
| | 5278 | Duty or tax or fee rate | C | AN | 17 | Porcentaje del impuesto (IVA) | | |

| | | | | | | | | |
|----------|-----------------|-------------------------------------|--------|----|----|----------------------------|---|---|
| MOA | MONETARY AMOUNT | | DETAIL | | | C | 1 | 2 |
| 010-C516 | | Monetary amount type code qualifier | M | | | | | |
| | 5025 | Monetary amount type code qualifier | M | AN | 3 | '124' Tax amount | | |
| | 5004 | Monetary amount | C | N | 35 | Importe del impuesto (IVA) | | |

| | | | | | | | | |
|----------|--------------------------|--|--------|----|---|---------|---|----|
| | SEGMENT GROUP 34 | | DETAIL | | | C | 2 | 98 |
| TAX | DUTY / TAX / FEE DETAILS | | DETAIL | | | M | 1 | 1 |
| 010 | 5283 | Duty or tax or fee function code qualifier | M | AN | 3 | '7' Tax | | |
| 020-C241 | | Duty or tax or fee type name code | C | | | | | |

| | | | | | | |
|----------|------|-----------------------------------|---|----|----|--------------------------------|
| | 5153 | Duty or tax or fee type name code | C | AN | 3 | 'GST' Goods and services tax |
| 050-C243 | | Duty or Tax or fee rate code | C | | | |
| | 5278 | Duty or tax or fee rate | C | AN | 17 | Porcentaje del impuesto (IEPS) |

| | | | | | | | | |
|----------|-----------------|-------------------------------------|--------|----|----|-----------------------------|---|---|
| MOA | MONETARY AMOUNT | | DETAIL | | | C | 1 | 2 |
| 010-C516 | | Monetary amount type code qualifier | M | | | | | |
| | 5025 | Monetary amount type code qualifier | M | AN | 3 | '124' Tax amount | | |
| | 5004 | Monetary amount | C | N | 35 | Importe del impuesto (IEPS) | | |

| | | | | | | | | |
|----------|---------------------|------------------------------------|--------|----|---|---------------------------|---|----|
| | SEGMENT GROUP 39 | | DETAIL | | | C | 1 | 30 |
| ALC | ALLOWANCE OR CHARGE | | DETAIL | | | M | 1 | 1 |
| 010 | 5463 | Allowance or charge code qualifier | M | AN | 3 | 'A' Allowance | | |
| 020-C214 | | Special service description code | C | AN | | | | |
| | 7161 | Special service description code | C | AN | 3 | 'ADO' Efficient logistics | | |

| | | | | | | | | |
|----------|--------------------|--------------------------------|--------|----|----|--------------------------|---|---|
| | SEGMENT GROUP 41 | | DETAIL | | | C | 1 | 1 |
| PCD | PERCENTAGE DETAILS | | DETAIL | | | M | 1 | 1 |
| 010-C501 | | Percentage type code qualifier | M | | | | | |
| | 5245 | Percentage type code qualifier | M | AN | 3 | '1' Allowance | | |
| | 5482 | Percentage | C | N | 10 | Porcentaje del descuento | | |

| | | | | | | | | |
|----------|------------------|-------------------------------------|--------|----|----|------------------------|---|---|
| | SEGMENT GROUP 42 | | DETAIL | | | C | 1 | 2 |
| MOA | MONETARY AMOUNT | | DETAIL | | | M | 1 | 1 |
| 010-C516 | | Monetary amount type code qualifier | M | | | | | |
| | 5025 | Monetary amount type code qualifier | M | AN | 3 | '204' Allowance amount | | |
| | 5004 | Monetary amount | C | N | 35 | Importe del descuento | | |

| | | | | | | | | |
|----------|---------------------|------------------------------------|--------|----|---|---------------------|---|----|
| | SEGMENT GROUP 39 | | DETAIL | | | C | 2 | 29 |
| ALC | ALLOWANCE OR CHARGE | | DETAIL | | | M | 1 | 1 |
| 010 | 5463 | Allowance or charge code qualifier | M | AN | 3 | 'A' Allowance | | |
| 020-C214 | | Special service description code | C | AN | | | | |
| | 7161 | Special service description code | C | AN | 3 | 'CAC' Cash discount | | |

| | | | | | | | | |
|----------|--------------------|--------------------------------|--------|----|----|--------------------------|---|---|
| | SEGMENT GROUP 41 | | DETAIL | | | C | 1 | 1 |
| PCD | PERCENTAGE DETAILS | | DETAIL | | | M | 1 | 1 |
| 010-C501 | | Percentage type code qualifier | M | | | | | |
| | 5245 | Percentage type code qualifier | M | AN | 3 | '1' Allowance | | |
| | 5482 | Percentage | C | N | 10 | Porcentaje del descuento | | |

| | | | | | | | | |
|----------|------------------|-------------------------------------|--------|----|---|------------------------|---|---|
| | SEGMENT GROUP 42 | | DETAIL | | | C | 1 | 2 |
| MOA | MONETARY AMOUNT | | DETAIL | | | M | 1 | 1 |
| 010-C516 | | Monetary amount type code qualifier | M | | | | | |
| | 5025 | Monetary amount type code qualifier | M | AN | 3 | '204' Allowance amount | | |

| | | | | | | |
|--|------|-----------------|---|---|----|-----------------------|
| | 5004 | Monetary amount | C | N | 35 | Importe del descuento |
|--|------|-----------------|---|---|----|-----------------------|

| SEGMENT GROUP 39 | | | DETAIL | | | C | 3 | 28 |
|------------------|---------------------|------------------------------------|--------|----|---|-------|---------------------|----|
| ALC | ALLOWANCE OR CHARGE | | DETAIL | | | M | 1 | 1 |
| 010 | 5463 | Allowance or charge code qualifier | M | AN | 3 | 'A' | Allowance | |
| 020-C214 | | Special service description code | C | AN | | | | |
| | 7161 | Special service description code | C | AN | 3 | 'EAA' | Early buy allowance | |

| SEGMENT GROUP 41 | | | DETAIL | | | C | 1 | 1 |
|------------------|--------------------|--------------------------------|--------|----|----|-----|--------------------------|---|
| PCD | PERCENTAGE DETAILS | | DETAIL | | | M | 1 | 1 |
| 010-C501 | | Percentage type code qualifier | M | | | | | |
| | 5245 | Percentage type code qualifier | M | AN | 3 | '1' | Allowance | |
| | 5482 | Percentage | C | N | 10 | | Porcentaje del descuento | |

| SEGMENT GROUP 42 | | | DETAIL | | | C | 1 | 2 |
|------------------|-----------------|-------------------------------------|--------|----|----|-------|-----------------------|---|
| MOA | MONETARY AMOUNT | | DETAIL | | | M | 1 | 1 |
| 010-C516 | | Monetary amount type code qualifier | M | | | | | |
| | 5025 | Monetary amount type code qualifier | M | AN | 3 | '204' | Allowance amount | |
| | 5004 | Monetary amount | C | N | 35 | | Importe del descuento | |

| SEGMENT GROUP 39 | | | DETAIL | | | C | 4 | 27 |
|------------------|---------------------|------------------------------------|--------|----|---|-------|-----------------------|----|
| ALC | ALLOWANCE OR CHARGE | | DETAIL | | | M | 1 | 1 |
| 010 | 5463 | Allowance or charge code qualifier | M | AN | 3 | 'A' | Allowance | |
| 020-C214 | | Special service description code | C | AN | | | | |
| | 7161 | Special service description code | C | AN | 3 | 'PAD' | Promotional Allowance | |

| SEGMENT GROUP 41 | | | DETAIL | | | C | 1 | 1 |
|------------------|--------------------|--------------------------------|--------|----|----|-----|--------------------------|---|
| PCD | PERCENTAGE DETAILS | | DETAIL | | | M | 1 | 1 |
| 010-C501 | | Percentage type code qualifier | M | | | | | |
| | 5245 | Percentage type code qualifier | M | AN | 3 | '1' | Allowance | |
| | 5482 | Percentage | C | N | 10 | | Porcentaje del descuento | |

| SEGMENT GROUP 42 | | | DETAIL | | | C | 1 | 2 |
|------------------|-----------------|-------------------------------------|--------|----|----|-------|-----------------------|---|
| MOA | MONETARY AMOUNT | | DETAIL | | | M | 1 | 1 |
| 010-C516 | | Monetary amount type code qualifier | M | | | | | |
| | 5025 | Monetary amount type code qualifier | M | AN | 3 | '204' | Allowance amount | |
| | 5004 | Monetary amount | C | N | 35 | | Importe del descuento | |

| SEGMENT GROUP 39 | | | DETAIL | | | C | 5 | 26 |
|------------------|---------------------|------------------------------------|--------|----|---|------|----------------|----|
| ALC | ALLOWANCE OR CHARGE | | DETAIL | | | M | 1 | 1 |
| 010 | 5463 | Allowance or charge code qualifier | M | AN | 3 | 'A' | Allowance | |
| 020-C214 | | Special service description code | C | AN | | | | |
| | 7161 | Special service description code | C | AN | 3 | 'TD' | Trade discount | |

| | | SEGMENT GROUP 41 | | DETAIL | | | C | 1 | 1 |
|----------|--------------------|--------------------------------|--------|--------|----|--------------------------|-----------|---|---|
| PCD | PERCENTAGE DETAILS | | DETAIL | | | M | 1 | 1 | |
| 010-C501 | | Percentage type code qualifier | M | | | | | | |
| | 5245 | Percentage type code qualifier | M | AN | 3 | '1' | Allowance | | |
| | 5482 | Percentage | C | N | 10 | Porcentaje del descuento | | | |

| | | SEGMENT GROUP 42 | | DETAIL | | | C | 1 | 2 |
|----------|-----------------|-------------------------------------|--------|--------|----|-----------------------|------------------|---|---|
| MOA | MONETARY AMOUNT | | DETAIL | | | M | 1 | 1 | |
| 010-C516 | | Monetary amount type code qualifier | M | | | | | | |
| | 5025 | Monetary amount type code qualifier | M | AN | 3 | '204' | Allowance amount | | |
| | 5004 | Monetary amount | C | N | 35 | Importe del descuento | | | |

| | | SEGMENT GROUP 39 | | DETAIL | | | C | 6 | 25 |
|----------|---------------------|------------------------------------|--------|--------|---|-------|------------------|---|----|
| ALC | ALLOWANCE OR CHARGE | | DETAIL | | | M | 1 | 1 | |
| 010 | 5463 | Allowance or charge code qualifier | M | AN | 3 | 'A' | Allowance | | |
| 020-C214 | | Special service description code | C | AN | | | | | |
| | 7161 | Special service description code | C | AN | 3 | 'ZZZ' | Mutually defined | | |

| | | SEGMENT GROUP 41 | | DETAIL | | | C | 1 | 1 |
|----------|--------------------|--------------------------------|--------|--------|----|--------------------------|-----------|---|---|
| PCD | PERCENTAGE DETAILS | | DETAIL | | | M | 1 | 1 | |
| 010-C501 | | Percentage type code qualifier | M | | | | | | |
| | 5245 | Percentage type code qualifier | M | AN | 3 | '1' | Allowance | | |
| | 5482 | Percentage | C | N | 10 | Porcentaje del descuento | | | |

| | | SEGMENT GROUP 42 | | DETAIL | | | C | 1 | 2 |
|----------|-----------------|-------------------------------------|--------|--------|----|-----------------------|------------------|---|---|
| MOA | MONETARY AMOUNT | | DETAIL | | | M | 1 | 1 | |
| 010-C516 | | Monetary amount type code qualifier | M | | | | | | |
| | 5025 | Monetary amount type code qualifier | M | AN | 3 | '204' | Allowance amount | | |
| | 5004 | Monetary amount | C | N | 35 | Importe del descuento | | | |

SUMMARY SECTION

| UNS | | SECTION CONTROL | | SUMMARY | | | M | 1 | 1 |
|-----|------|------------------------|---|---------|---|-----|-------------------------------------|---|---|
| 010 | 0081 | Section identification | M | AN | 1 | 'S' | Detail / summary section separation | | |

| CNT | | CONTROL TOTAL | | SUMMARY | | | C | 1 | 10 |
|----------|------|-------------------|---|---------|----|-------------------------------------|---------------------------------|---|----|
| 010-C270 | | Control | M | | | | | | |
| | 6069 | Control qualifier | M | AN | 3 | '2' | Number of line items in message | | |
| | 6066 | Control value | M | N | 18 | Número total de partidas del pedido | | | |

| | | SEGMENT GROUP 50 | | SUMMARY | | | C | 1 | 100 |
|----------|-----------------|-------------------------------------|---------|---------|----|---------------|-----------------------------|---|-----|
| MOA | MONETARY AMOUNT | | SUMMARY | | | M | 1 | 1 | |
| 010-C516 | | Monetary amount type code qualifier | M | | | | | | |
| | 5025 | Monetary amount type code qualifier | M | AN | 3 | '9' | Amount due / amount payable | | |
| | 5004 | Monetary amount | C | N | 35 | Total a pagar | | | |

| | | SEGMENT GROUP 52 | | SUMMARY | | | C | 1 | 10 |
|----------|--------------------------|--|---------|---------|----|-------------------------------|-----------------------|---|----|
| TAX | DUTY / TAX / FEE DETAILS | | SUMMARY | | | M | 1 | 1 | |
| 010 | 5283 | Duty or tax or fee function code qualifier | M | AN | 3 | '7' | Tax | | |
| 020-C241 | | Duty or tax or fee type name code | C | | | | | | |
| | 5153 | Duty or tax or fee type name code | C | AN | 3 | 'VAT' | Value added tax | | |
| 050-C243 | | Duty or Tax or fee rate code | C | | | | | | |
| | 5278 | Duty or tax or fee rate | C | AN | 17 | Porcentaje del impuesto (IVA) | | | |
| 060 | 5305 | Duty or tax or fee category code | C | AN | 3 | 'B' | Transferred (VAT) | | |
| | | | | | | 'C' | Duty paid by supplier | | |

| MOA | MONETARY AMOUNT | | SUMMARY | | | C | 1 | 9 |
|----------|-----------------|-------------------------------------|---------|----|----|----------------------------------|------------|---|
| 010-C516 | | Monetary amount type code qualifier | M | | | | | |
| | 5025 | Monetary amount type code qualifier | M | AN | 3 | '124' | Tax amount | |
| | 5004 | Monetary amount | C | N | 35 | Importe total del impuesto (IVA) | | |

| | | SEGMENT GROUP 52 | | SUMMARY | | | C | 2 | 9 |
|----------|--------------------------|--|---------|---------|----|--------------------------------|------------------------|---|---|
| TAX | DUTY / TAX / FEE DETAILS | | SUMMARY | | | M | 1 | 1 | |
| 010 | 5283 | Duty or tax or fee function code qualifier | M | AN | 3 | '7' | Tax | | |
| 020-C241 | | Duty or tax or fee type name code | C | | | | | | |
| | 5153 | Duty or tax or fee type name code | C | AN | 3 | 'GST' | Goods and services tax | | |
| 050-C243 | | Duty or Tax or fee rate code | C | | | | | | |
| | 5278 | Duty or tax or fee rate | C | AN | 17 | Porcentaje del impuesto (IEPS) | | | |
| 060 | 5305 | Duty or tax or fee category code | C | AN | 3 | 'B' | Transferred (VAT) | | |
| | | | | | | 'C' | Duty paid by supplier | | |

| MOA | MONETARY AMOUNT | | SUMMARY | | | C | 1 | 9 |
|----------|-----------------|-------------------------------------|---------|----|----|-----------------------------------|------------|---|
| 010-C516 | | Monetary amount type code qualifier | M | | | | | |
| | 5025 | Monetary amount type code qualifier | M | AN | 3 | '124' | Tax amount | |
| | 5004 | Monetary amount | C | N | 35 | Importe total del impuesto (IEPS) | | |

ENVELOPE TRAILER

| UNT | MESSAGE TRAILER | | ENVELOPE | | | M | 1 | 1 |
|------|-----------------|-----------------------------------|----------|----|----|---|---|---|
| 0074 | | Number of segments in the message | M | N | 6 | Contador de segmentos | | |
| 0062 | | Message reference number | M | AN | 14 | Número secuencial de la transacción (serie y numero de factura) | | |

| UNZ | INTERCHANGE TRAILER | | ENVELOPE | | | M | 1 | 1 |
|------|---------------------|-------------------------------|----------|----|----|---|---|---|
| 0036 | | Interchange control trailer | M | N | 6 | Contador de grupos / transacciones | | |
| 0020 | | Interchange control reference | M | AN | 14 | Número secuencial del intercambio (serie y número de factura) | | |

**GUIA PROPUESTA PARA EL DISEÑO E IMPLEMENTACION DEL DOCUMENTO CONTRL
PARA GRUPO SAHUAYO (ESTANDAR EDIFACT D01B)**

| ID SEGMENTO | NOMBRE SEGMENTO | REQ. | SECUENCIA | MAX. OCC. | LOOP |
|-------------|-------------------------------|------|-----------|-----------|-------|
| | ENVELOPE HEADER | | | | |
| UNB | INTERCHANGE HEADER | M | 1 | 1 | |
| UNH | MESSAGE HEADER | M | 1 | 1 | |
| | HEADER SECTION | | | | |
| UCI | INTERCHANGE RESPONE | M | 1 | 1 | |
| | SEGMENT GROUP 1 | M | 1 | | 99999 |
| UCM | MESSAGE RESPONSE | M | 1 | 1 | |
| | SEGMENT GROUP 2 | C | 1 | | 999 |
| UCS | SEGMENT ERROR INDICATION | M | 1 | 1 | |
| UCD | DATA ELEMENT ERROR INDICATION | C | 1 | 99 | |
| | ENVELOPE TRAILER | | | | |
| UNT | MESSAGE TRAILER | M | 1 | 1 | |
| UNZ | INTERCHANGE TRAILER | M | 1 | 1 | |

ENVELOPE HEADER

| UNB | INTERCHANGE HEADER | ENVELOPE | M | 1 | 1 |
|------|--|----------|----|----|--|
| S001 | Syntax identifier | M | | | |
| | 0001 Syntax identifier | M | A | 4 | 'UNOA' Agencia normalizadora y nivel de sintáxis |
| | 0002 Syntax version number | M | N | 1 | '2' Versión de sintáxis |
| S002 | Interchange sender | M | | | |
| | 0004 Sender identification | M | AN | 35 | 'CORVI' |
| | 0007 Partner identification code qualifier | C | AN | 4 | 'ZZ' Mutually defined |
| S003 | Interchange recipient | M | | | |
| | 0010 Recipient identification | M | AN | 35 | Communications ID del proveedor |
| | 0007 Partner identification code qualifier | C | AN | 4 | Qualifier del proveedor |
| S004 | Date/time of preparation | M | | | |
| | 0017 Date | M | N | 6 | Fecha del intercambio YYMMDD |
| | 0019 Time | M | N | 4 | Hora del intercambio HHMM |
| 0020 | Interchange control reference | M | AN | 14 | Contador de intercambios |
| 0026 | Aplication reference | C | AN | 14 | 'CONTRL' |

| UNH | MESSAGE HEADER | ENVELOPE | M | 1 | 1 |
|------|-----------------------------|----------|----|----|-------------------------------------|
| 0062 | Message reference number | M | AN | 14 | Número secuencial de la transacción |
| S009 | Message identifier | M | | | |
| | 0065 Message type | M | AN | 6 | 'CONTRL' |
| | 0052 Message version number | M | AN | 3 | 'D' Version |

| | | | | | | |
|--|------|---------------------------|---|----|---|----------------------|
| | 0054 | Message release number | M | AN | 3 | '01B' Release number |
| | 0051 | Controlling agency | M | AN | 2 | 'UN' United Nations |
| | 0057 | Association assigned code | C | AN | 6 | 'AMC002' |

DATA HEADER

| UCI | INTERCHANGE RESPONSE | | HEADER | | | M | 1 | 1 |
|----------|----------------------|--------------------------------------|--------|----|----|---|---|---|
| 010 | 0020 | Interchange control reference | M | AN | 14 | | | Numero de control a nivel intercambio que se esta reconociendo |
| 020-S002 | | Interchange sender identifier | M | | | | | |
| | 0004 | Interchange sender identification | M | AN | 35 | | | 'CORVI' |
| | 0007 | Identification code qualifier | C | AN | 4 | | | 'ZZ' |
| 030-S003 | | Interchange recipient identifier | M | | | | | |
| | 0010 | Interchange recipient identification | M | AN | 35 | | | Communications ID del proveedor |
| | 0007 | Identification code qualifier | C | AN | 4 | | | Qualifier del proveedor |
| 040 | 0083 | Action, coded | M | AN | 35 | | | 1 Acknowledged (this level and all lower levels) 2 Acknowledged - errors detected and reported 3 One or more rejected - next lower level 4 This level and all lower levels rejected 5 UNB/UNZ accepted 6 UNB/UNZ rejected 7 This level acknowledged, next lower level acknowledged if not explicitly rejected 8 Interchange received |
| 050 | 0085 | Syntax error, coded | O | AN | 3 | | | 1 UNA not supported 2 Syntax version or level not supported 3 Message version/release not supported 4 Service segment missing/invalid 5 Trailer check in error 6 Data segment missing/invalid 7 Interchange recipient not actual recipient 8 Too many data elements in segment 9 Mandatory data element |

| | | | | | |
|--|--|--|--|--|--|
| | | | | | missing 10 Data element attribute error 11 Password invalid 12 Invalid value 13 Missing 14 Value not supported in this position 15 Not supported in this position 16 Too many constituents 17 No agreement 18 Unspecified error 19 Invalid decimal notation 20 Character invalid as service character 21 Invalid character(s) 22 Invalid service character(s) 23 Unknown Interchange sender 24 Too old 25 Test indicator not supported 26 Duplicate detected 27 Security function not supported 28 References do not match 29 Control count does not match number of instances received 30 Functional groups and messages mixed 31 More than one message type in group 32 Lower level empty 33 Invalid occurrence outside message or functional group 34 Nesting indicator not allowed 35 Too many segment repetitions 36 Too many segment group repetitions 37 Invalid type of character(s) 38 Missing digit in front of decimal sign 39 Data element too long 40 Data element too short 41 Permanent communication network error 42 Temporary communication network error |
|--|--|--|--|--|--|

| | | | | | | |
|----------|------|--|---|----|---|--|
| | | | | | | 43 Unknown interchange recipient |
| 060 | 0013 | Service segment Tag, coded | O | AN | 3 | Identificador del segmento |
| 070-S011 | | Erroneous data element position in segment | O | | | |
| | 0098 | Erroneous data element position in segment | M | AN | 3 | Posición dentro del segmento del elemento erróneo |
| | 0104 | Erroneous component data element position | O | AN | 3 | Posición dentro del segmento del elemento compuesto en error |

| | | SEGMENT GROUP 1 | | | | HEADER | | M | 1 | 99999 |
|----------|------------------|---------------------------|--------|----|----|---|---|---|---|-------|
| UCM | MESSAGE RESPONSE | | HEADER | | | M | 1 | 1 | | |
| 010-C506 | | Message reference number | M | AN | 14 | Numero de control a nivel transacción que se esta reconociendo | | | | |
| 020-S009 | | Message type | M | | | | | | | |
| | 0065 | Message type | M | AN | 6 | Código de la transacción que se esta reconociendo (INVOIC) | | | | |
| | 0052 | Message version number | M | AN | 3 | 'D' Version | | | | |
| | 0054 | Message release number | M | AN | 3 | '01B' Release number | | | | |
| | 0051 | Controlling agency | M | AN | 2 | 'UN' United Nations | | | | |
| | 0057 | Association assigned code | C | AN | 6 | 'AMC7.1' | | | | |
| 030 | 0083 | Action, coded | M | AN | 3 | 1 Acknowledged (this level and all lower levels) 2 Acknowledged - errors detected and reported 3 One or more rejected - next lower level 4 This level and all lower levels rejected 5 UNB/UNZ accepted 6 UNB/UNZ rejected 7 This level acknowledged, next lower level acknowledged if not explicitly rejected 8 Interchange received | | | | |
| 040 | 0085 | Syntax error, coded | O | AN | 3 | 1 UNA not supported 2 Syntax version or level not supported 3 Message version/release not supported 4 Service segment missing/invalid 5 Trailer check in error 6 Data segment | | | | |

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | missing/invalid 7 Interchange recipient not actual recipient 8 Too many data elements in segment 9 Mandatory data element missing 10 Data element attribute error 11 Password invalid 12 Invalid value 13 Missing 14 Value not supported in this position 15 Not supported in this position 16 Too many constituents 17 No agreement 18 Unspecified error 19 Invalid decimal notation 20 Character invalid as service character 21 Invalid character(s) 22 Invalid service character(s) 23 Unknown Interchange sender 24 Too old 25 Test indicator not supported 26 Duplicate detected 27 Security function not supported 28 References do not match 29 Control count does not match number of instances received 30 Functional groups and messages mixed 31 More than one message type in group 32 Lower level empty 33 Invalid occurrence outside message or functional group |
|--|--|--|--|--|--|--|

| | | | | | | |
|----------|------|--|---|----|---|---|
| | | | | | | 34 Nesting indicator not allowed 35 Too many segment repetitions 36 Too many segment group repetitions 37 Invalid type of character(s) 38 Missing digit in front of decimal sign 39 Data element too long 40 Data element too short 41 Permanent communication network error 42 Temporary communication network error 43 Unknown interchange recipient |
| 050 | 0013 | Service segment Tag, coded | O | AN | 3 | Identificador del segmento |
| 060-S011 | | Erroneous data element position in segment | O | | | |
| | 0098 | Erroneous data element position in segment | M | AN | 3 | Posición dentro del segmento del elemento erróneo |
| | 0104 | Erroneous component data element position | O | AN | 3 | Posición dentro del segmento del elemento compuesto en error |

| | | SEGMENT GROUP 2 | DETAIL | | | C | 1 | 999 |
|-----|--------------------------|-----------------------------|--------|----|---|--|---|-----|
| UCS | SEGMENT ERROR INDICATION | | DETAIL | | | M | 1 | 1 |
| 010 | 0096 | Segment position in message | M | AN | 6 | Posición del segmento en error dentro del mensaje | | |
| 020 | 0085 | Syntax error, coded | O | AN | 3 | 1 UNA not supported 2 Syntax version or level not supported 3 Message version/release not supported 4 Service segment missing/invalid 5 Trailer check in error 6 Data segment missing/invalid 7 Interchange recipient not actual recipient | | |

| | | | | | | | |
|--|--|--|--|--|--|--|---|
| | | | | | | | repetitions 36 Too many segment group repetitions 37 Invalid type of character(s) 38 Missing digit in front of decimal sign 39 Data element too long 40 Data element too short 41 Permanent communication network error 42 Temporary communication network error 43 Unknown interchange recipient |
|--|--|--|--|--|--|--|---|

| UCD | DATA ELEMENT ERROR INDICATION | | DETAIL | | | O | 1 | 99 | |
|-----|-------------------------------|---------------------|--------|----|---|---|---|----|--|
| 010 | 0085 | Syntax error, coded | O | AN | 3 | | | | |
| | | | | | | 1 UNA not supported 2 Syntax version or level not supported 3 Message version/release not supported 4 Service segment missing/invalid 5 Trailer check in error 6 Data segment missing/invalid 7 Interchange recipient not actual recipient 8 Too many data elements in segment 9 Mandatory data element missing 10 Data element attribute error 11 Password invalid 12 Invalid value 13 Missing 14 Value not supported in this position 15 Not supported in this position 16 Too many constituents | | | |

| | | | | | | |
|--|--|--|--|--|--|---|
| | | | | | | 17 No agreement 18 Unspecified error 19 Invalid decimal notation 20 Character invalid as service character 21 Invalid character(s) 22 Invalid service character(s) 23 Unknown Interchange sender 24 Too old 25 Test indicator not supported 26 Duplicate detected 27 Security function not supported 28 References do not match 29 Control count does not match number of instances received 30 Functional groups and messages mixed 31 More than one message type in group 32 Lower level empty 33 Invalid occurrence outside message or functional group 34 Nesting indicator not allowed 35 Too many segment repetitions 36 Too many segment group repetitions 37 Invalid type of character(s) 38 Missing digit in front of decimal sign 39 Data element too long 40 Data element too short 41 Permanent communication network error 42 Temporary communication network |
|--|--|--|--|--|--|---|

| | | | | | | |
|----------|------|--|---|----|---|--|
| | | | | | | error 43 Unknown interchange recipient |
| 020-S011 | | Erroneous data element position in segment | O | | | |
| | 0098 | Erroneous data element position in segment | M | AN | 3 | Posición dentro del segmento del elemento erróneo |
| | 0104 | Erroneous component data element position | O | AN | 3 | Posición dentro del segmento del elemento compuesto en error |

ENVELOPE TRAILER

| UNT | MESSAGE TRAILER | ENVELOPE | M | 1 | 1 |
|------|-----------------------------------|----------|----|----|-------------------------------------|
| 0074 | Number of segments in the message | M | N | 6 | Contador de segmentos |
| 0062 | Message reference number | M | AN | 14 | Número secuencial de la transacción |

| UNZ | INTERCHANGE TRAILER | ENVELOPE | M | 1 | 1 |
|------|-------------------------------|----------|----|----|------------------------------------|
| 0036 | Interchange control trailer | M | N | 6 | Contador de grupos / transacciones |
| 0020 | Interchange control reference | M | AN | 14 | Número secuencial del intercambio |

**GUIA PROPUESTA PARA EL DISEÑO E IMPLEMENTACION DEL DOCUMENTO APERAK FISCAL
PARA GRUPO SAHUAYO (ESTANDAR EDIFACT D01B)**

| ID SEGMENTO | NOMBRE SEGMENTO | REQ. | SECUENCIA | MAX. OCC. | LOOP |
|-------------|-------------------------------|------|-----------|-----------|------|
| | ENVELOPE HEADER | | | | |
| UNB | INTERCHANGE HEADER | M | 1 | 1 | |
| UNH | MESSAGE HEADER | M | 1 | 1 | |
| | HEADER SECTION | | | | |
| BGM | BEGINNING OF MESSAGE | M | 1 | 1 | |
| DTM | DATE/TIME/PERIOD | C | 1 | 10 | |
| | SEGMENT GROUP 2 | C | 1 | | 9 |
| RFF | REFERENCE | M | 1 | 1 | |
| | SEGMENT GROUP 2 | C | 2 | | 8 |
| RFF | REFERENCE | M | 1 | 1 | |
| DTM | DATE / TIME /PERIOD | M | 1 | 9 | |
| | SEGMENT GROUP 2 | C | 3 | | 7 |
| RFF | REFERENCE | M | 1 | 1 | |
| | SEGMENT GROUP 3 | C | 1 | | 9 |
| NAD | NAME AND ADDRESS | M | 1 | 1 | |
| | SEGMENT GROUP 3 | C | 2 | | 9 |
| NAD | NAME AND ADDRESS | M | 1 | 1 | |
| | SEGMENT GROUP 4 | C | 1 | | 9999 |
| ERC | APPLICATION ERROR INFORMATION | M | 1 | 1 | |
| FTX | FREE TEXT | C | 1 | 1 | |
| | ENVELOPE TRAILER | | | | |
| UNT | MESSAGE TRAILER | M | 1 | 1 | |
| UNZ | INTERCHANGE TRAILER | M | 1 | 1 | |

ENVELOPE HEADER

| UNB | INTERCHANGE HEADER | ENVELOPE | M | 1 | 1 |
|------|--|----------|----|----|--|
| S001 | Syntax identifier | M | | | |
| | 0001 Syntax identifier | M | A | 4 | 'UNOA' Agencia normalizadora y nivel de sintaxis |
| | 0002 Syntax version number | M | N | 1 | '2' Versión de sintaxis |
| S002 | Interchange sender | M | | | |
| | 0004 Sender identification | M | AN | 35 | 'CORVI' |
| | 0007 Partner identification code qualifier | C | AN | 4 | 'ZZ' Mutually defined |
| S003 | Interchange recipient | M | | | |
| | 0010 Recipient identification | M | AN | 35 | Communications ID del proveedor |
| | 0007 Partner identification code qualifier | C | AN | 4 | Qualifier del proveedor |
| S004 | Date/time of preparation | M | | | |

| | | | | | | |
|------|------|-------------------------------|---|----|----|------------------------------|
| | 0017 | Date | M | N | 6 | Fecha del intercambio YYMMDD |
| | 0019 | Time | M | N | 4 | Hora del intercambio HHMM |
| 0020 | | Interchange control reference | M | AN | 14 | Contador de intercambios |
| 0026 | | Application reference | C | AN | 14 | 'APERAK' |

| UNH | MESSAGE HEADER | | ENVELOPE | | | M | 1 | 1 |
|------|----------------|---------------------------|----------|----|----|-------------------------------------|---|---|
| 0062 | | Message reference number | M | AN | 14 | Número secuencial de la transacción | | |
| S009 | | Message identifier | M | | | | | |
| | 0065 | Message type | M | AN | 6 | 'APERAK' | | |
| | 0052 | Message version number | M | AN | 3 | 'D' Version | | |
| | 0054 | Message release number | M | AN | 3 | '01B' Release number | | |
| | 0051 | Controlling agency | M | AN | 2 | 'UN' United Nations | | |
| | 0057 | Association assigned code | C | AN | 6 | 'EAN004' | | |

DATA HEADER

| BGM | BEGINNING OF MESSAGE | | HEADER | | | M | 1 | 1 |
|----------|----------------------|-----------------------------------|--------|----|----|--|---|---|
| 010-C002 | | Document/message name | C | | | | | |
| | 1001 | Document/message name, coded | C | AN | 3 | '305' Application error and acknowledgement | | |
| | 3055 | Code list responsible agency code | C | AN | 3 | '9' EAN | | |
| 020-C106 | | Document/message identification | C | | | | | |
| | 1004 | Document/message number | C | AN | 35 | Número de APERAK (Serie + No. Factura + YYYYMMDDHHMMSS) | | |
| 030 | 1225 | Message function, coded | C | AN | 3 | '8' Status '11' Response '12' Not processed '23' Transaction on Hold '27' Not Accepted '29' Accepted without amendment '45' Accepted with reserves '55' Notification Only | | |

| DTM | DATE/TIME/PERIOD | | HEADER | | | M | 1 | 9 |
|----------|------------------|-----------------------------------|--------|----|----|---|---|---|
| 010-C507 | | Date/time/period | M | | | | | |
| | 2005 | Date/time/period qualifier | M | AN | 3 | '137' Document / Message date / time | | |
| | 2380 | Date/time/period | C | AN | 35 | Fecha de generación del documento APERAK fiscal | | |
| | 2379 | Date/time/period format qualifier | C | AN | 3 | '203' CCYYMMDDHHMM | | |

| SEGMENT GROUP 2 | | | HEADER | | | C | 1 | 9 |
|-----------------|-----------|---------------------|--------|----|----|-----------------------------------|---|---|
| RFF | REFERENCE | | HEADER | | | M | 1 | 1 |
| 010-C506 | | Reference | M | | | | | |
| | 1153 | Reference qualifier | M | AN | 3 | 'SE' Serial Number | | |
| | 1154 | Reference number | C | AN | 70 | Serie de la factura del proveedor | | |

| SEGMENT GROUP 2 | | | HEADER | | | C | 2 | 8 |
|-----------------|-----------|---------------------|--------|----|----|---|---|---|
| RFF | REFERENCE | | HEADER | | | M | 1 | 1 |
| 010-C506 | | Reference | M | | | | | |
| | 1153 | Reference qualifier | M | AN | 3 | 'IV' Invoice Number | | |
| | 1154 | Reference number | C | AN | 70 | Número de folio de la factura del proveedor | | |

| DTM | DATE/TIME/PERIOD | | HEADER | | | M | 1 | 9 |
|----------|------------------|-----------------------------------|--------|----|----|---------------------------|---|---|
| 010-C507 | | Date/time/period | M | | | | | |
| | 2005 | Date/time/period qualifier | M | AN | 3 | '171' Reference date/time | | |
| | 2380 | Date/time/period | C | AN | 35 | Fecha de la factura | | |
| | 2379 | Date/time/period format qualifier | C | AN | 3 | '204' CCYYMMDDHHMMSS | | |

| SEGMENT GROUP 2 | | | HEADER | | | C | 3 | 7 |
|-----------------|-----------|---------------------|--------|----|----|----------------------------------|---|---|
| RFF | REFERENCE | | HEADER | | | M | 1 | 1 |
| 010-C506 | | Reference | M | | | | | |
| | 1153 | Reference qualifier | M | AN | 3 | 'GN' Government reference number | | |
| | 1154 | Reference number | C | AN | 70 | RFC del proveedor | | |

| SEGMENT GROUP 3 | | | HEADER | | | C | 1 | 9 |
|-----------------|------------------|------------------------------|--------|----|----|--------------------------|---|---|
| NAD | NAME AND ADDRESS | | HEADER | | | M | 1 | 1 |
| 010 | 3035 | Party qualifier | M | AN | 3 | 'SU' Supplier | | |
| 020-C082 | | Party identification details | C | | | | | |
| | 3039 | Party Id identification | M | AN | 35 | Número GLN del proveedor | | |
| | 1131 | Code list qualifier | C | AN | 17 | '9' EAN | | |
| 040-C080 | | Party name | C | | | | | |
| | 3036 | Party name | M | AN | 35 | Nombre del proveedor | | |

| SEGMENT GROUP 3 | | | HEADER | | | C | 2 | 9 |
|-----------------|------------------|------------------------------|--------|----|----|--------------------------|---|---|
| NAD | NAME AND ADDRESS | | HEADER | | | M | 1 | 1 |
| 010 | 3035 | Party qualifier | M | AN | 3 | 'BY' Buyer | | |
| 020-C082 | | Party identification details | C | | | | | |
| | 3039 | Party Id identification | M | AN | 35 | Número GLN del comprador | | |
| | 1131 | Code list qualifier | C | AN | 17 | '9' EAN | | |
| 040-C080 | | Party name | C | | | | | |
| | 3036 | Party name | M | AN | 35 | Nombre del comprador | | |

| | | SEGMENT GROUP 4 | DETAIL | | | C | 1 | 9999 |
|----------|-------------------------------|------------------------|--------|----|---|--|---|------|
| ERC | APPLICATION ERROR INFORMATION | | DETAIL | | | M | 1 | 1 |
| 010-C901 | | Application error | M | | | | | |
| | 9321 | Application error code | C | AN | 8 | <p>Código de error fiscal (asignado por Corvi)</p> <ol style="list-style-type: none"> 1. Error Al abrir el Certificado para obtener dato Mensaje reportado cuando el certificado esta dañado o esta creado con un formato distinto al definido por el Sat. 2. El certificado esta fuera de vigencia Mensaje reportado cuando la fecha del sistema esta fuera del rango de la fecha del certificado digital. 3. firma incorrecta o alterada Mensaje reportado cuando la cadena del sello o firma esta mal generado o en su defecto el documento fue alterado en alguno de sus datos. 4. Certificado (# Certificado) Revocado Mensaje reportado cuando el certificado tiene un estatus "R" en las listas que publica el Sat. 5. Certificado (# Certificado) Inexistente en lista Certificados SAT Mensaje reportado cuando el numero de certificado no existe dentro de las listas que | | |

| | | | | | | |
|--|--|--|--|--|--|---|
| | | | | | | <p>publica el Sat.</p> <p>6. Folio <u>Num Factura</u> Invalido, Fuera de rango del SAT Mensaje reportado cuando en el folio procesado esta fuera del rango de folios autorizados por el Sat en las listas que este publica.</p> <p>7. Emisor <u>RfcEmisor</u> Inexistente Numero de Aprobacion <u>#AProb</u> en lista Folios SAT Mensaje reportado cuando el num. de aprobacion de la factura a procesar no existe en las listas publicadas por el Sat.</p> <p>8. No Existe la Llave Publica Mensaje reportado cuando no se encuentra el nombre del certificado ya sea por rfc o por numero de certificado de acuerdo al numero que viene en la factura.</p> <p>9. El archivo no cumple con el esquema del SAT Mensaje reportado cuando la factura no cumple con la version del SAT</p> <p>10. No existe el esquema Comprobante.xsd Mensaje reportado cuando no existe el archivo Comprobante_V1.xsd ni el archivo Comprobante_V2.xsd.</p> |
|--|--|--|--|--|--|---|

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | <p>11. No se puede leer la llave privada del archivo Mensaje reportado cuando el archivo .key esta creado con otro formato o esta dañado</p> <p>12. Error al leer la llave publica del certificado Mensaje reportado cuando esta dañado el archivo .cer o el documento xml fue firmado con una llave privada diferente a este certificado.</p> <p>13. La longitud de la llave no coincide con la longitud del bloque firmado Se intenta descryptar con una llave diferente o creada con otro formato</p> <p>14. Error en descricpción, firma incorrecta o certificado diferente Mensaje reportado cuando esta dañado el archivo .cer o el documento xml fue firmado con una llave privada diferente a este certificado, o porque la firma esta mal creada.</p> <p>15. Error, Firma no corresponde o datos alterados Mensaje reportado cuando la cadena del sello o firma esta mal generado o en su defecto el documento fue alterado en alguno de sus datos.</p> <p>20. Anexo 20 de la factura</p> |
|--|--|--|--|--|--|--|

| | | | | | | |
|--|------|------------------------------------|---|----|----|-------------------------------|
| | | | | | | electrónica correcto . |
| | 1131 | Code list identification qualifier | C | AN | 17 | '193' Legal event |

| FTX | FREE TEXT | | HEADER | | | M | 1 | 1 |
|----------|-----------|-----------------------------|--------|----|-----|---------|-------------------------------|---|
| 010 | 4451 | Text subject code qualifier | M | AN | 3 | 'AAO' | Error description (free text) | |
| 040-C108 | | Free text value | C | | | | | |
| | 4440 | Free text value | M | AN | 512 | Texto 1 | Descripción del Error | |
| | 4440 | Free text value | O | AN | 512 | Texto 2 | Descripción del Error | |

ENVELOPE TRAILER

| UNT | MESSAGE TRAILER | | ENVELOPE | | | M | 1 | 1 |
|------|-----------------|-----------------------------------|----------|----|----|-------------------------------------|---|---|
| 0074 | | Number of segments in the message | M | N | 6 | Contador de segmentos | | |
| 0062 | | Message reference number | M | AN | 14 | Número secuencial de la transacción | | |

| UNZ | INTERCHANGE TRAILER | | ENVELOPE | | | M | 1 | 1 |
|------|---------------------|-------------------------------|----------|----|----|------------------------------------|---|---|
| 0036 | | Interchange control trailer | M | N | 6 | Contador de grupos / transacciones | | |
| 0020 | | Interchange control reference | M | AN | 14 | Número secuencial del intercambio | | |

**GUIA PROPUESTA PARA EL DISEÑO E IMPLEMENTACION DEL DOCUMENTO APERAK COMERCIAL
PARA GRUPO SAHUAYO (ESTANDAR EDIFACT D01B)**

| ID SEGMENTO | NOMBRE SEGMENTO | REQ. | SECUENCIA | MAX. OCC. | LOOP |
|-------------|-------------------------------|------|-----------|-----------|------|
| | ENVELOPE HEADER | | | | |
| UNB | INTERCHANGE HEADER | M | 1 | 1 | |
| UNH | MESSAGE HEADER | M | 1 | 1 | |
| | HEADER SECTION | | | | |
| BGM | BEGINNING OF MESSAGE | M | 1 | 1 | |
| DTM | DATE/TIME/PERIOD | C | 1 | 10 | |
| | SEGMENT GROUP 2 | C | 1 | | 9 |
| RFF | REFERENCE | M | 1 | 1 | |
| | SEGMENT GROUP 2 | C | 2 | | 8 |
| RFF | REFERENCE | M | 1 | 1 | |
| DTM | DATE / TIME /PERIOD | M | 1 | 9 | |
| | SEGMENT GROUP 2 | C | 3 | | 7 |
| RFF | REFERENCE | M | 1 | 1 | |
| | SEGMENT GROUP 3 | C | 1 | | 9 |
| NAD | NAME AND ADDRESS | M | 1 | 1 | |
| | SEGMENT GROUP 3 | C | 2 | | 9 |
| NAD | NAME AND ADDRESS | M | 1 | 1 | |
| | SEGMENT GROUP 4 | C | 1 | | 9999 |
| ERC | APPLICATION ERROR INFORMATION | M | 1 | 1 | |
| FTX | FREE TEXT | C | 1 | 1 | |
| | ENVELOPE TRAILER | | | | |
| UNT | MESSAGE TRAILER | M | 1 | 1 | |
| UNZ | INTERCHANGE TRAILER | M | 1 | 1 | |

ENVELOPE HEADER

| UNB | INTERCHANGE HEADER | ENVELOPE | M | 1 | 1 |
|------|--|----------|----|----|--|
| S001 | Syntax identifier | M | | | |
| | 0001 Syntax identifier | M | A | 4 | 'UNOA' Agencia normalizadora y nivel de sintaxis |
| | 0002 Syntax version number | M | N | 1 | '2' Versión de sintaxis |
| S002 | Interchange sender | M | | | |
| | 0004 Sender identification | M | AN | 35 | 'CORVI' |
| | 0007 Partner identification code qualifier | C | AN | 4 | 'ZZ' Mutually defined |
| S003 | Interchange recipient | M | | | |
| | 0010 Recipient identification | M | AN | 35 | Communications ID del proveedor |
| | 0007 Partner identification code qualifier | C | AN | 4 | Qualifier del proveedor |
| S004 | Date/time of preparation | M | | | |

| | | | | | | |
|------|------|-------------------------------|---|----|----|------------------------------|
| | 0017 | Date | M | N | 6 | Fecha del intercambio YYMMDD |
| | 0019 | Time | M | N | 4 | Hora del intercambio HHMM |
| 0020 | | Interchange control reference | M | AN | 14 | Contador de intercambios |
| 0026 | | Application reference | C | AN | 14 | 'APERAK' |

| UNH | MESSAGE HEADER | | ENVELOPE | | | M | 1 | 1 |
|------|----------------|---------------------------|----------|----|----|-------------------------------------|---|---|
| 0062 | | Message reference number | M | AN | 14 | Número secuencial de la transacción | | |
| S009 | | Message identifier | M | | | | | |
| | 0065 | Message type | M | AN | 6 | 'APERAK' | | |
| | 0052 | Message version number | M | AN | 3 | 'D' Version | | |
| | 0054 | Message release number | M | AN | 3 | '01B' Release number | | |
| | 0051 | Controlling agency | M | AN | 2 | 'UN' United Nations | | |
| | 0057 | Association assigned code | C | AN | 6 | 'EAN004' | | |

DATA HEADER

| BGM | BEGINNING OF MESSAGE | | HEADER | | | M | 1 | 1 |
|----------|----------------------|-----------------------------------|--------|----|----|--|---|---|
| 010-C002 | | Document/message name | C | | | | | |
| | 1001 | Document/message name, coded | C | AN | 3 | '305' Application error and acknowledgement | | |
| | 3055 | Code list responsible agency code | C | AN | 3 | '9' EAN | | |
| 020-C106 | | Document/message identification | C | | | | | |
| | 1004 | Document/message number | C | AN | 35 | Número de APERAK (Serie + No. Factura + YYYYMMDDHHMMSS) | | |
| 030 | 1225 | Message function, coded | C | AN | 3 | '8' Status '11' Response '12' Not processed '23' Transaction on Hold '27' Not Accepted '29' Accepted without amendment '45' Accepted with reserves '55' Notification Only | | |

| DTM | DATE/TIME/PERIOD | | HEADER | | | M | 1 | 9 |
|----------|------------------|-----------------------------------|--------|----|----|--|---|---|
| 010-C507 | | Date/time/period | M | | | | | |
| | 2005 | Date/time/period qualifier | M | AN | 3 | '137' Document / Message date / time | | |
| | 2380 | Date/time/period | C | AN | 35 | Fecha de generación del documento APERAK comercial | | |
| | 2379 | Date/time/period format qualifier | C | AN | 3 | '203' CCYYMMDDHHMM | | |

| SEGMENT GROUP 2 | | | HEADER | | | C | 1 | 9 |
|-----------------|-----------|---------------------|--------|----|----|-----------------------------------|---------------|---|
| RFF | REFERENCE | | HEADER | | | M | 1 | 1 |
| 010-C506 | | Reference | M | | | | | |
| | 1153 | Reference qualifier | M | AN | 3 | 'SE' | Serial number | |
| | 1154 | Reference number | C | AN | 70 | Serie de la factura del proveedor | | |

| SEGMENT GROUP 2 | | | HEADER | | | C | 1 | 9 |
|-----------------|-----------|---------------------|--------|----|----|---|----------------|---|
| RFF | REFERENCE | | HEADER | | | M | 1 | 1 |
| 010-C506 | | Reference | M | | | | | |
| | 1153 | Reference qualifier | M | AN | 3 | 'IV' | Invoice Number | |
| | 1154 | Reference number | C | AN | 70 | Número de folio de la factura del proveedor | | |

| DTM | DATE/TIME/PERIOD | | HEADER | | | M | 1 | 9 |
|----------|------------------|-----------------------------------|--------|----|----|---------------------|---------------------|---|
| 010-C507 | | Date/time/period | M | | | | | |
| | 2005 | Date/time/period qualifier | M | AN | 3 | '171' | Reference date/time | |
| | 2380 | Date/time/period | C | AN | 35 | Fecha de la factura | | |
| | 2379 | Date/time/period format qualifier | C | AN | 3 | '204' | CCYYMMDDHHMMSS | |

| SEGMENT GROUP 2 | | | HEADER | | | C | 2 | 8 |
|-----------------|-----------|---------------------|--------|----|----|-------------------|-----------------------------|---|
| RFF | REFERENCE | | HEADER | | | M | 1 | 1 |
| 010-C506 | | Reference | M | | | | | |
| | 1153 | Reference qualifier | M | AN | 3 | 'GN' | Government reference number | |
| | 1154 | Reference number | C | AN | 70 | RFC del proveedor | | |

| SEGMENT GROUP 3 | | | HEADER | | | C | 1 | 9 |
|-----------------|------------------|------------------------------|--------|----|----|--------------------------|----------|---|
| NAD | NAME AND ADDRESS | | HEADER | | | M | 1 | 1 |
| 010 | 3035 | Party qualifier | M | AN | 3 | 'SU' | Supplier | |
| 020-C082 | | Party identification details | C | | | | | |
| | 3039 | Party Id identification | M | AN | 35 | Número GLN del proveedor | | |
| | 1131 | Code list qualifier | C | AN | 17 | '9' | EAN | |
| 040-C080 | | Party name | C | | | | | |
| | 3036 | Party name | M | AN | 35 | Nombre del proveedor | | |

| SEGMENT GROUP 3 | | | HEADER | | | C | 2 | 9 |
|-----------------|------------------|------------------------------|--------|----|----|--------------------------|-------|---|
| NAD | NAME AND ADDRESS | | HEADER | | | M | 1 | 1 |
| 010 | 3035 | Party qualifier | M | AN | 3 | 'BY' | Buyer | |
| 020-C082 | | Party identification details | C | | | | | |
| | 3039 | Party Id identification | M | AN | 35 | Número GLN del comprador | | |
| | 1131 | Code list qualifier | C | AN | 17 | '9' | EAN | |
| 040-C080 | | Party name | C | | | | | |
| | 3036 | Party name | M | AN | 35 | Nombre del comprador | | |

| SEGMENT GROUP 4 | | | DETAIL | | | C | 1 | 9999 |
|-----------------|-------------------------------|------------------------------------|--------|----|----|--|---|------|
| ERC | APPLICATION ERROR INFORMATION | | DETAIL | | | M | 1 | 1 |
| 010-C901 | | Application error | M | | | | | |
| | 9321 | Application error code | C | AN | 8 | Código de error comercial (asignado por Corvi) 1 = GLN de sucursal inválido 2 = GLN de proveedor inválido 3 = Código de barras inválido 4 = Orden de compra inválida 5 = Número de referencia de factura inválido | | |
| | 1131 | Code list identification qualifier | C | AN | 17 | '270' Business classification | | |

| FTX | FREE TEXT | | HEADER | | | M | 1 | 1 |
|----------|-----------|-----------------------------|--------|----|-----|-------------------------------------|---|---|
| 010 | 4451 | Text subject code qualifier | M | AN | 3 | 'AAO' Error description (free text) | | |
| 040-C108 | | Free text value | C | | | | | |
| | 4440 | Free text value | M | AN | 512 | Texto 1 Descripción del Error | | |
| | 4440 | Free text value | O | AN | 512 | Texto 2 Descripción del Error | | |

ENVELOPE TRAILER

| UNT | MESSAGE TRAILER | | ENVELOPE | | | M | 1 | 1 |
|------|-----------------|-----------------------------------|----------|----|----|-------------------------------------|---|---|
| 0074 | | Number of segments in the message | M | N | 6 | Contador de segmentos | | |
| 0062 | | Message reference number | M | AN | 14 | Número secuencial de la transacción | | |

| UNZ | INTERCHANGE TRAILER | | ENVELOPE | | | M | 1 | 1 |
|------|---------------------|-------------------------------|----------|----|----|------------------------------------|---|---|
| 0036 | | Interchange control trailer | M | N | 6 | Contador de grupos / transacciones | | |
| 0020 | | Interchange control reference | M | AN | 14 | Número secuencial del intercambio | | |