

## **M-errors: edifact file is scanned too see if valid UNA, interchanges.**

- [M50] Found data not in a valid interchange at position <<pos>>.
- [M51] Edi file does not start with a valid interchange.
- [M52] Edi file contains only whitespace.
- [M55] Non-valid UNA-segment at position <<pos>>. UNA-segment should be 6 positions.
- [M56] Data element separator used in edifact file differs from value indicated in UNA-segment.
- [M57] Edifact file with non-standard separators. UNA segment should be used.
- [M58] Found no valid UNZ trailer for the UNB header at position <<pos>>.

## **E-errors: envelope checks (UNB-UNZ, UNH-UNT)**

- [E01] UNB-reference is "<<unbreference>>"; should be equal to UNZ-reference "<<unzreference>>".
- [E02] Count of messages in UNZ is <<unzcount>>; should be equal to number of messages <<messagecount>>.
- [E03] Count of messages in UNZ is invalid: "<<count>>".
- [E04] UNH-reference is "<<unhreference>>"; should be equal to UNT-reference "<<untreference>>".
- [E05] Segmentcount in UNT is <<untcount>>; should be equal to number of segments <<segmentcount>>.
- [E06] Count of segments in UNT is invalid: "<<count>>".
- [E10] UNH-reference is "<<unhreference>>"; should be equal to UNT-reference "<<untreference>>".
- [E11] Segmentcount in UNT is <<untcount>>; should be equal to number of segments <<segmentcount>>.
- [E12] Count of segments in UNT is invalid: "<<count>>".

## **S-errors: sequence of records/segment not according to grammar.**

- [S02] Unknown record "<<record>>" in message.
- [S03] Record "<<record-path>>" occurs %(count)d times, min is %(mincount)d.
- [S04] Record "<<record-path>>" occurs %(count)d times, max is %(maxcount)d.
- [S50] record:"<<record>>": message has an error in its structure; this record is not allowed here. Scanned in message definition until mandatory record: "<<looked>>".
- [S51] Missing mandatory record "<<record>>".

## **F-errors: field errors**

- [F01] Record: "<<record-path>>" has unknown field "<<field>>".
- [F02] Record "<<record-path>>" field "<<field>>" is mandatory.
- [F03] Record "<<record-path>>" composite "<<field>>" is mandatory.
- [F04] Record "<<record-path>>" subfield "<<field>>" is mandatory.
- [F05] Record "<<record>>" field "<<field>>" too big (max <<max>>): "<<content>>".
- [F06] Record "<<record>>" field "<<field>>" too small (min <<min>>): "<<content>>".
- [F09] Record "<<record>>" field "<<field>>" contains exponent: "<<content>>".
- [F10] Record "<<record>>" field "<<field>>" too big (max <<max>>): "<<content>>".
- [F11] Record "<<record>>" field "<<field>>" too small (min <<min>>): "<<content>>".
- [F13] Record "<<record>>" numeric field "<<field>>" has non-numerical content: "<<content>>".
- [F15] Record "<<record>>" numeric field "<<field>>" has non-numerical content: "<<content>>".
- [F16] Record "<<record>>" numeric field "<<field>>" has non-numerical content: "<<content>>".
- [F17] Record "<<record>>" expect field but "<<content>>" is a subfield.
- [F18] Record "<<record>>" too many subfields in composite; unknown subfield "<<content>>".
- [F19] Record "<<record>>" too many fields in record; unknown field "<<content>>".
- [F20] Record "<<record>>" field "<<field>>" too big (max <<max>>): "<<content>>".
- [F21] Record "<<record>>" field "<<field>>" too small (min <<min>>): "<<content>>".
- [F24] Record "<<record>>" field "<<field>>" numerical format not valid: "<<content>>".
- [F25] Record "<<record>>" field "<<field>>" numerical format not valid: "<<content>>".
- [F26] Record "<<record>>" field "<<field>>" numerical format not valid: "<<content>>".
- [F27] Record "<<record>>" field "<<field>>" numerical format not valid: "<<content>>".
- [F28] Record "<<record>>" field "<<field>>" too big: "<<content>>".
- [F50] Characters not in character set "<<character-set>>": <<content>>

## **A-errors: general errors, often tricky; file is a mess**

- [A50] Found non-valid data at end of edi file; probably a problem with separators or message structure.
- [A51] Found non-valid data at end of edi file; probably a problem with separators or message structure: "<<leftover>>".
- [A55] Problems with UNB-segment; encountered too many <CR/LF>.
- [A56] Separators used in edifact file differ from values indicated in UNA-segment.
- [A57] Edifact file with non-standard separators. An UNA segment should be used.
- [A58] Edifact file has unknown character set "<<character-set>>".