# 18.3. Validation

Before the import the system validates the import file. The validation is split into two phases.

## 18.3.1. Format validation

In the first phase the system checks the file for format errors.

Possible issues:

- Row type is not valid
- Row sub-type is not valid
- Mandatory field is not given
- Given value doesn't match to the type of the field (for example alphabetical character in numeric field etc.)
- Surplus value is given
- Invalid row order (for example a header row follows another header row)

## 18.3.2. Content validation

In the second phase the document/element is validated with the company database in order to detect content errors.

### Manufacturing Operations

Possible issues:

- Invalid value when range is defined (Operation Break)
- Code cannot be found in SAP Business One (Item Group Code, Feature, Work Center)
- Invalid UoM (Operation Times, Allocation Window)
- Mandatory value is missing:
    - Mandatory Work Center is required, but Preferred Work Center is missing

### Bills of Materials

Possible issues:

- Invalid value when range is defined (Issue Method, Milestone Type, Operation Break Type)
- Code cannot be found in SAP Business One (Item, Feature, Work Center, Supplier, Warehouse etc.)
- Invalid UoM (Operation Times, Allocation Window, Outsourcing)
- Rules of using Issue Method and Milestone Type are violated
- Required correspondences between rows are violated (unfinished product must precede unfinished material etc.)

- Work Center does not support the Work Center Feature
- Mandatory value is missing:
    - Mandatory Work Center is required, but Preferred Work Center is missing
    - Operation is marked as outsourced, but no valid supplier is given
- Operation is not marked as outsourced, but a supplier row is given
- Sum of planned quantities exceeds quantity in header
- SAP Business One validates the following: Distribution Rule, Distribution Rule Dimensions, Price List

# Production Order

Possible issues:

- Invalid value when range is defined (Issue Method, Milestone Type, Operation Break Type)
- Code cannot be found in SAP Business One (Item, Feature, Work Center, Supplier, Warehouse, Sales order, etc.)
- Invalid UoM (Operation Times, Allocation Window, Outsourcing)
- Rules of using Issue Method and Milestone Type are violated
- Required correspondences between rows are violated (unfinished product must precede unfinished material etc.)
- Work Center does not support the Work Center Feature
- Mandatory value is missing:
    - Mandatory Work Center is required, but Preferred Work Center is missing
    - Operation is marked as outsourced, but no valid supplier is given
- Operation is not marked as outsourced, but a supplier row is given
- Sum of planned quantities exceeds quantity in header
- SAP Business One validates the following: Distribution Rule, Distribution Rule Dimensions, Price List, WIP Code, Project