Specification Management - Reference

Reference

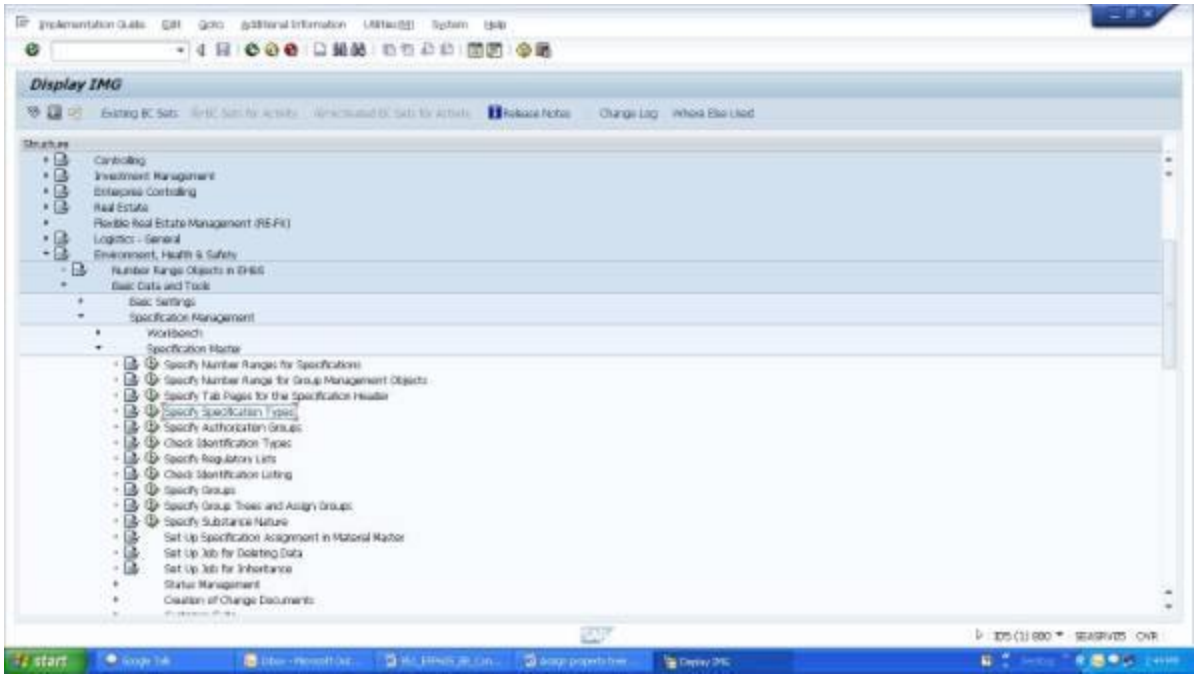
USE:

You can use this function to assign one or more reference specifications to a specification. In doing this the SAP System creates a link from the value assignments of the reference specification to those of the referencing specification. This greatly reduces the amount of data that needs to be entered.

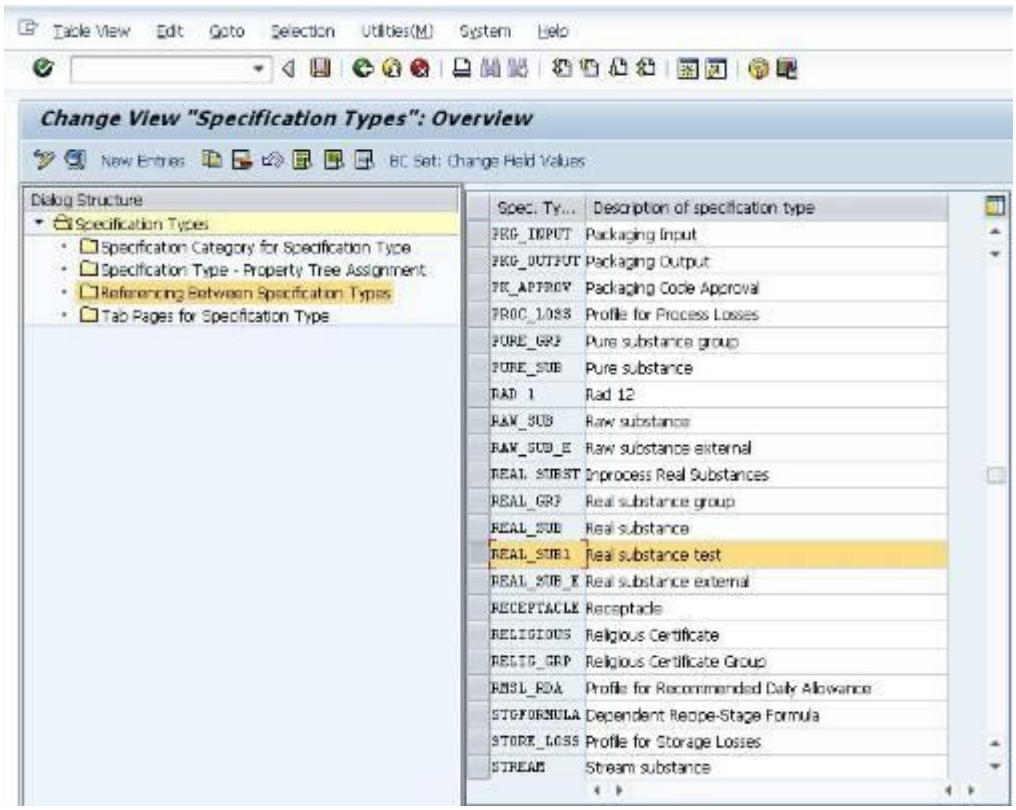
Detailed configuration steps with screen shots are given below as per Business Requirement.

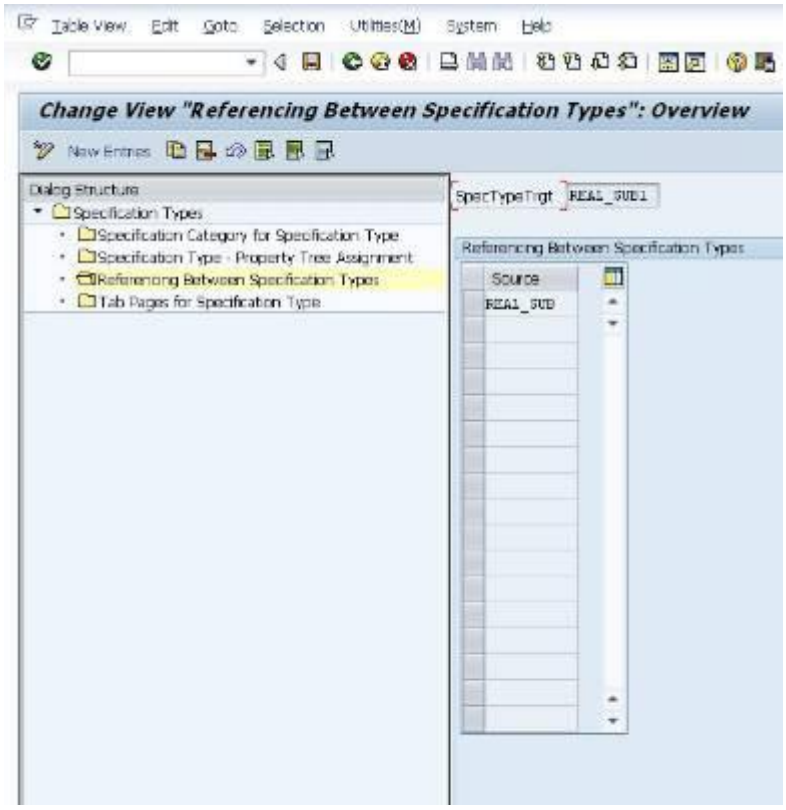
1. Referencing Between Specification Types.

IMG Menu	Environment, Health & Safety à Basic Data and Tools à Specification Management à Specification Master à Specify Specification Types
Transaction Code	SPRO


Display IMG
Controlling
Investment Management
Enterprise Controlling
Real Estate
Flexible Real Estate Management (RE-FX)
Logistics - General
Environment, Health & Safety
Number Range Objects in EH&S
Basic Data and Tools
Basic Settings
Specification Management
Workbench
Specification Master
Specify Number Ranges for Specifications
Specify Number Range for Group Management Objects
Specify Tab Pages for the Specification Header
Specify Specification Types
Specify Authorization Groups
Check Identification Types
Specify Regulatory Lists
Check Identification Listing
Specify Groups
Specify Group Trees and Assign Groups
Specify Substance Nature
Set Up Specification Assignment in Material Master
Set Up Job for Deleting Data
Set Up Job for Inheritance
Status Management
Creation of Change Documents
start

Choose Specification Type **Real_Sub 1** and assign to **Real _Sub** as reference specification Type.

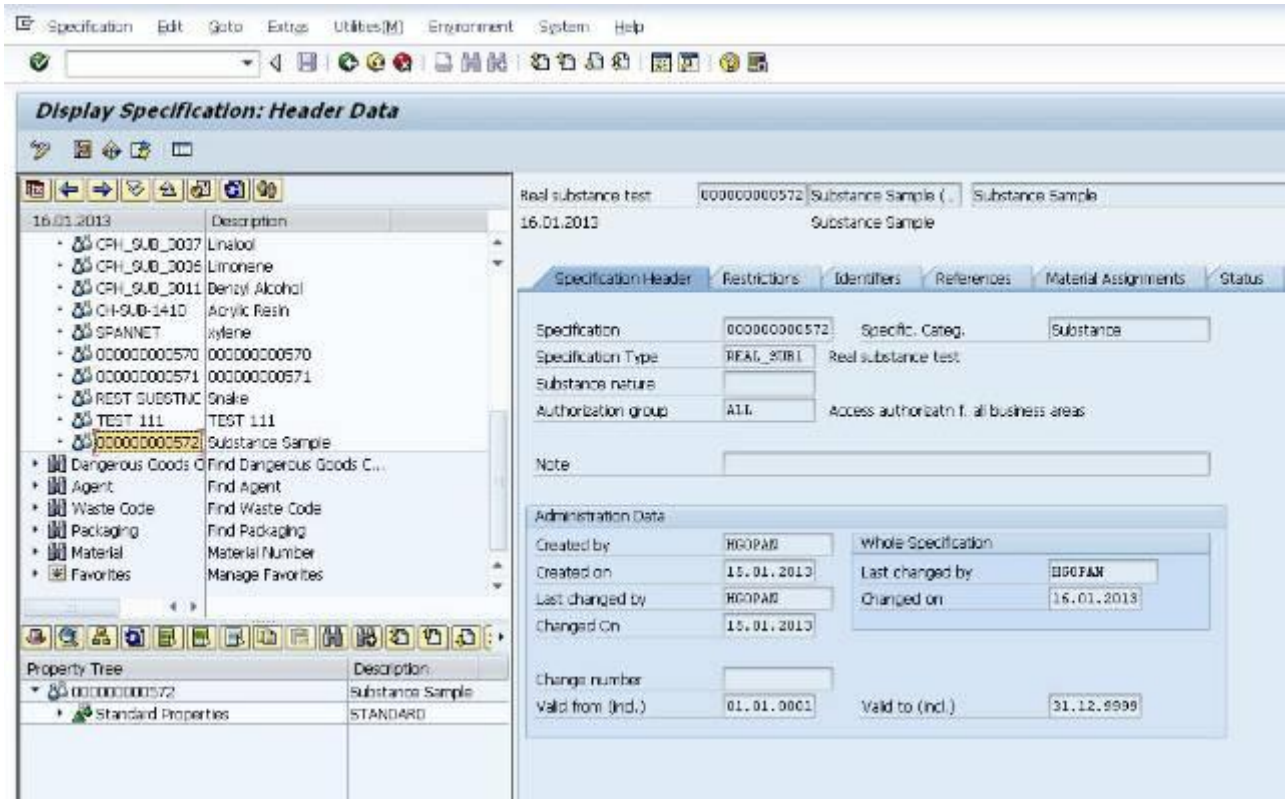




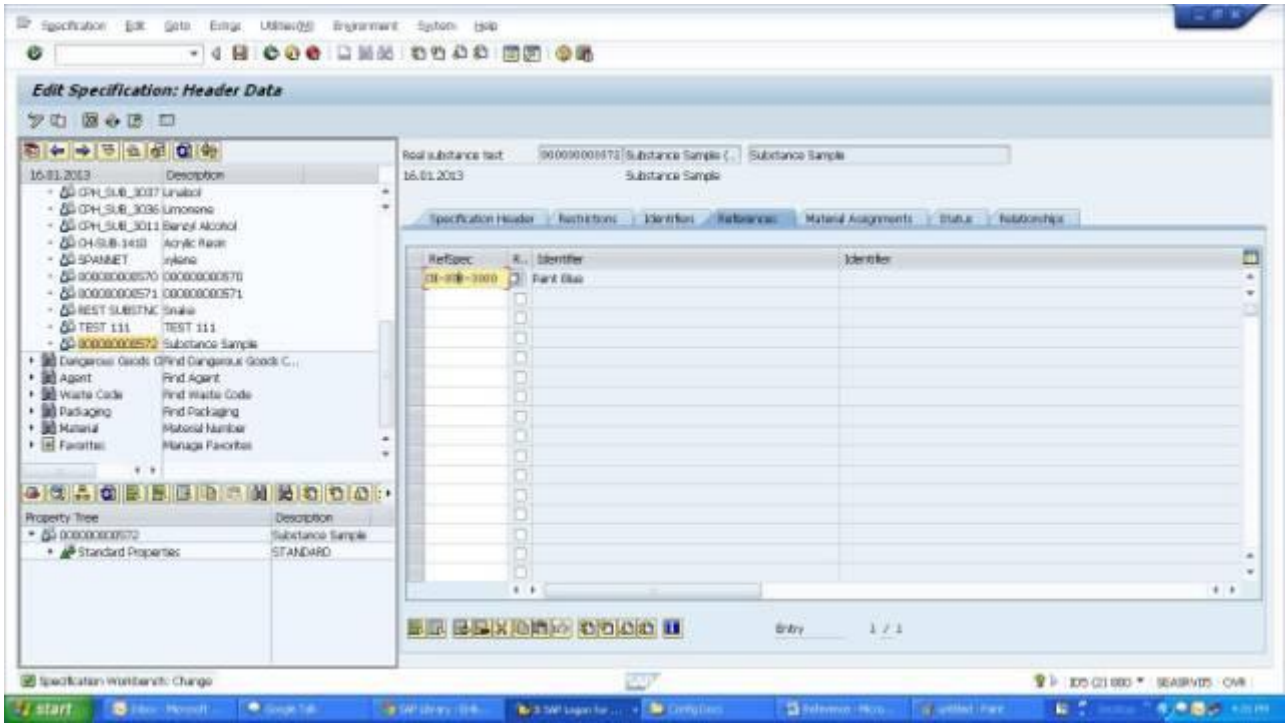
Note: The required reference must belong to a specification type that was specified in customizing for **Product Safety** in the **IMG activity Specify Specification Types** as a permitted source specification type for the specification type of the referencing specification.

2. Specification Workbench CG02BD

Choose **specification** "***Substance Sample"*** from **specification type** "***Substance"***

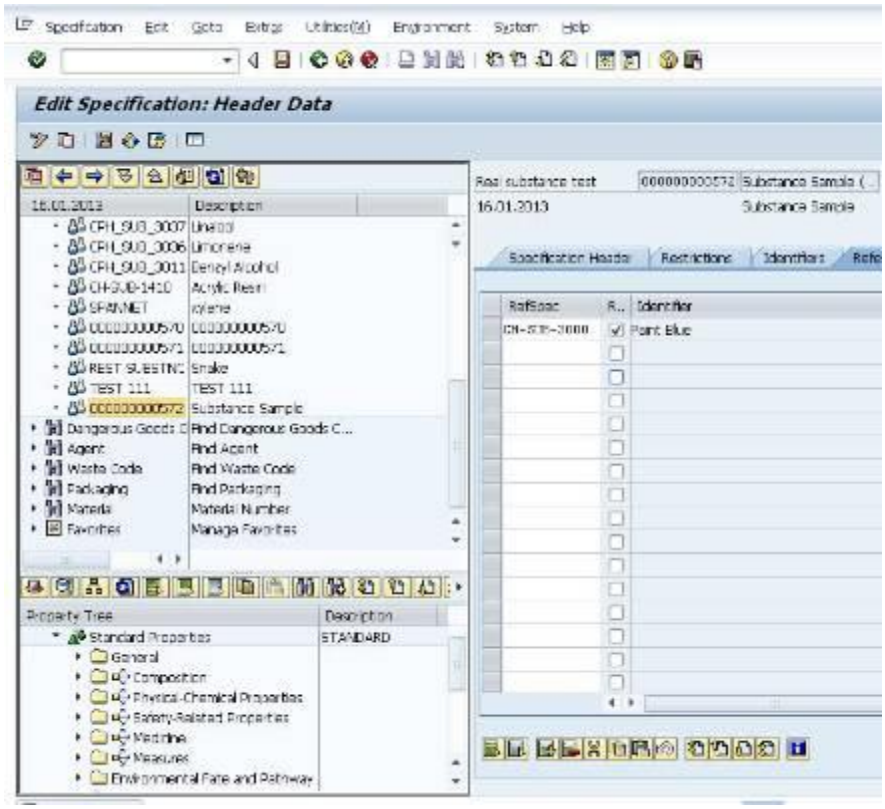


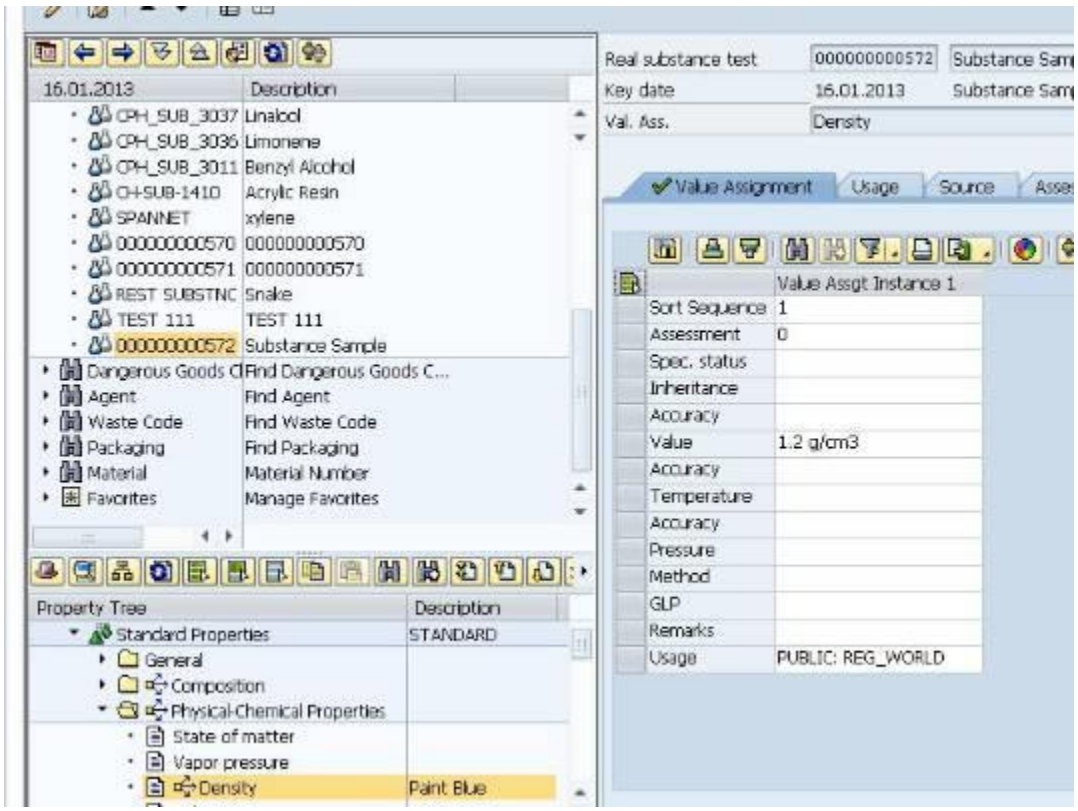
Create **References** by choosing reference tab from the header data.



Note: In the IMG activity **Specify Specification Types** we have referred Specification type (Real_Sub) due to that we can only permit substances belonging to **Real_Sub.**

In the property tree, every value assignment type that is assigned values via a reference is marked with (Reference Symbol). If you overwrite the referenced value assignment manually, the symbol changes .


Specification Edit Goto Extras Utilities(M) Environment System Help
Edit Specification: Header Data
16.01.2013
Description
CPH_SUB_3037 Linalool
CPH_SUB_3036 Limonene
CPH_SUB_3011 Benzyl Alcohol
CH-SUB-1410 Acrylic Resin
SPANNET xylene
000000000570 000000000570
000000000571 000000000571
REST SUBSTNC Snake
TEST 111 TEST 111
000000000572 Substance Sample
Dangerous Goods Cl Find Dangerous Goods C...
Agent Find Agent
Waste Code Find Waste Code
Packaging Find Packaging
Material Material Number
Favorites Manage Favorites
Property Tree
Description
Standard Properties
STANDARD
General
Composition
Physical-Chemical Properties
Safety-Related Properties
Medicine
Measures
Environmental Fate and Pathway
Real substance test
000000000572
Substance Sample
16.01.2013
Substance Sample
Specification Header
Restrictions
Identifiers
RefSpec
R...
Identifier
Paint Blue


16.01.2013
Description
CPH_SUB_3037 Linalool
CPH_SUB_3036 Limonene
CPH_SUB_3011 Benzyl Alcohol
CH-SUB-1410 Acrylic Resin
SPANNET xylene
000000000570 000000000570
000000000571 000000000571
REST SUBSTNC Snake
TEST 111 TEST 111
000000000572 Substance Sample
Dangerous Goods Cl Find Dangerous Goods C...
Agent Find Agent
Waste Code Find Waste Code
Packaging Find Packaging
Material Material Number
Favorites Manage Favorites
Property Tree
Description
Standard Properties
STANDARD
General
Composition
Physical-Chemical Properties
State of matter
Vapor pressure
Density
Paint Blue
Real substance test
000000000572
Substance Sam
Key date
16.01.2013
Substance Sam
Val. Ass.
Density
Value Assignment
Usage
Source
Value Assgt Instance 1
Sort Sequence 1
Assessment 0
Spec. status
Inheritance
Accuracy
Value 1.2 g/cm3
Accuracy
Temperature
Accuracy
Pressure
Method
GLP
Remarks
Usage PUBLIC: REG_WORLD

Notes:

1. If you assign a reference to a specification, a link is created to the specification from all value assignments of the reference.

2. No data is transferred outside the value assignments in referencing. The following, for example, are not transferred:

- Identifiers
- Material assignments

3. The system rejects the assignment of a reference if at least one of the following conditions is fulfilled:

- The planned reference is identical to the referencing specification (a specification may not reference itself)
- The planned reference has a specification type that does not permit the usage as a source specification of the reference (see Prerequisites)
- The planned reference is being processed by another user
- The planned reference already has references itself (multilevel references are not allowed)
- The planned reference overlaps with at least one other reference of the referencing specification in at least one value assignment type
- The planned reference transfers value assignments of at least one value assignment type that the user cannot change in the referencing specification because the user does not have authorization to do this
- The required reference must belong to a specification type that was specified as a permitted source specification type for the specification type of the referencing specification under Specify Specification Types in Customizing for Basic Data and Tools.
- A specification cannot be a target specification in a reference and a target specification in an inheritance relationship at the same time, in other words, a specification cannot receive data via

reference **and** via inheritance at the same time. However, other combinations are possible, for example:

- A specification can receive data via reference and pass on this data or other data.
- A specification can receive data via inheritance and pass it on via reference.
- A specification can inherit data and pass it on via reference.

Prerequisites

- The required reference must belong to a specification type that was specified as a permitted source specification type for the specification type of the referencing specification under Specify Specification Types in Customizing for Basic Data and Tools.
- A specification cannot be a target specification in a reference and a target specification in an inheritance relationship at the same time, in other words, a specification cannot receive data via reference **and** via inheritance at the same time. However, other combinations are possible, for example:
  - A specification can receive data via reference and pass on this data or other data.
  - A specification can receive data via inheritance and pass it on via reference.
  - A specification can inherit data and pass it on via reference.