Product Profiles

The **Product Profiles** Administration Menu is used to add, edit and delete Products handled by MINDER.

Minder generally defines Inventory Control of Products by the following key attributes:
• 	Tracking By ISSN can be non-visible to most Users. i.e. User Scans Product Code and Location ID and enters quantity. Minder then handles the ISSN"s involved internally.
• 	Product Code (or Part or Catalogue No.) must not be Null,
• 	Quantity is > 1 (but can be 1) and
• 	Location ID.

Whereas Non Product key attributes are:
• 	Tracking By ISSN always visible to all Users. i.e. User must scan each ISSN as part of every Inventory Transaction which is processed by Minder
• 	No Product Code (must always be Null),
• 	Quantity is = 1 (but can be >1) and
• 	Location ID.

Product Profiles	
PRODUCTS (PROD_PROFILE)	Holds details about each Product
KIT	Holds Details of Product sold/transferred as as a Kit
PRODUCT_KIT	Holds Menu Details used to assemble a Kit
PROD_EAN	Holds details of GS1 Barcode No. for a Product
PRODUCT TYPE	Classification of Products
PALLET CONFIGURATION	Pallet Stacking Patterns for Products
SLOTTING PRODUCTS	Match Product's Turnover/Picking properties to Warehouse Storage Location Propoertis.

Warning: The following characters are prohibited in Product Codes (PROD_ID):

~	=
!	:
@	;
#	/
$	?
&	’ (single quote character)
*	+
(and)	

Product Profile - PROD_PROFILE

The **PROD_PROFILE** Table is used to hold the Description, Inventory Control and Order Entry characteristics needed to handle Products which are handled by Code + Qty.

Use the **SEARCH** button to locate required Product/s to be maintained.

PROD_PROFILE
SEARCH :

PROD_ID		SHORT_DESC	
LONG_DESC		ALTERNATE_ID	
PROD_TYPE		STOCK	
SPECIAL_INSTR		PROD_IMAGE	
HOME_LOCN_ID		SUPPLIER_NO1	
SUPPLIER_NO2		SUPPLIER_NO3	
SUPPLIER_NO1_PROD		SUPPLIER_NO2_PROD	
SUPPLIER_NO3_PROD		SUPPLIER_PREFER	
UOM		ISSUE_UOM	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5   Page : 1

☐	*PROD_ID	SHORT_DESC	LONG_DESC	ALTERNATE_ID	PROD_TYPE
☐	0021200073694	SCOTCH TAPE 810 1 ROLL	SCOTCH MAGIC TAPE 810 1 ROLL 3M		CO
☐	0021200435713	TAPE DISPENSER SCOTCH	TAPE DISPENSER SCOTCH C40 19MM X 33M		CO
☐	021200434859	POST-IT	POST-IT POP-UP NOTES 100 SHEETS 3 IN X 3 IN		CO
☐	2000000000008	Test Consumable Cleaning Rags 5 kg packs	Test consumable Cleaning Rags 5 kg packs		CC
☐	93102277435315	BLUE PENS BALLPOINT	STAEDTLER BLUE PENS MEDIUM BALLPOINT 430 M-3		CO

Total 55 records. Show from 1 to 5

REPORT: CSV **REPORT: XLS** **CLEAR SLOTTING** **PRINT PRODUCT**

PROD_PROFILE - Add - Part 1

The **PROD_ID** is the Product Code/Part No/Catalogue No. used for Receiving, Selling and Inventory Reporting processes.

There are a number of MANDATORY input fields which are indicated in the User Manual by the Red input field border...

• **PROD_ID** - Unique Code for each Product,

• **SHORT_DESC** - Description that will be used on Product labels and Reports,

• **PROD_TYPE** - Used for Reporting and Costing (See Product Profile - PROD_TYPE),

• **UOM** - Unit of Measure. Required for all Receipting and Picking processing,

• **ISSUE_UOM** - Unit of Measure as used for Picking and Issues,

• **ORDER_UOM** - Unit of Measure as used for Purchase order and Product Receipting processing.

• **ISSUE_PER_ORDER_UNIT -** Normally = 1, Buy as EA and sell as EA.

• **LAST_UPDATE_BY -** Not really Mandatory but makes for good practice.

• **COMPANY_ID -** Mandatory if you operate Warehouse with multiple Companies or plan to.

• **SSN_TYPE -** Mandatory if use other Description classifications e.g. Variety, Colour, Size.
Continued....

Field	Type
PROD_ID	VARCHAR(30)
SHORT_DESC	VARCHAR(50)
LONG_DESC	VARCHAR(255)
ALTERNATE_ID	VARCHAR(30)
PROD_TYPE	CHAR(2)
STOCK	CHAR(1)
SPECIAL_INSTR	VARCHAR(50)
PROD_IMAGE	BLOB(B)
HOME_LOCN_ID	VARCHAR(10)
SUPPLIER_NO1	VARCHAR(40)
SUPPLIER_NO2	VARCHAR(40)
SUPPLIER_NO3	VARCHAR(40)
SUPPLIER_NO1_PROD	VARCHAR(20)
SUPPLIER_NO2_PROD	VARCHAR(20)
SUPPLIER_NO3_PROD	VARCHAR(20)
SUPPLIER_PREFER	VARCHAR(3)
UOM	CHAR(2)
ISSUE_UOM	CHAR(2)
ORDER_UOM	CHAR(2)
ISSUE_PER_ORDER_UNIT	INTEGER(4)
PALLET_CFG_C	CHAR(2)
PERM_LEVEL	CHAR(1)
SSN_TRACK	CHAR(1)

Browse..

PROD_PROFILE - Add - Part 2

If your Warehouse is operating Turnover Zones based upon say Fast, Medium and Slow Turnovers then the **TOG_C** must be entered.

The **MAX_QTY, MIN_QTY** and **REORDER_QTY** are required to be entered for Replenishment functions should your Warehouse require these.

The **STANDARD_COST** is often required where Sales persons operate on Commission, **SALE_PRICE** is required for preparation of Invoices.

COMPANY_ID must be populated if restricted viewing of **PROD_PROFILES** is required. Non Inventory Operators (non Warehouse Operators) User's must have **COMPANY** Access Limits to view the Products with **COMPANY_ID**.

Inputs fields surrounded by red border are mandatory input fields.

Field	Type
TOG_C	CHAR(2)
DEFAULT_ISSUE_QTY	INTEGER(4)
BACK_ORDER_QTY	INTEGER(4)
RESERVED_QTY	INTEGER(4)
MAX_QTY	INTEGER(4)
MIN_QTY	INTEGER(4)
REORDER_QTY	INTEGER(4)
MAX_ISSUE_QTY	INTEGER(4)
STANDARD_COST	NUMERIC(9,2)(4)
LAST_UPDATE_DATE	TIMESTAMP(8)
LAST_UPDATE_BY	VARCHAR(10)
SALE_PRICE	NUMERIC(9,3)(4)
PROD_RETRIEVE_STATUS	CHAR(1)
COMPANY_ID	VARCHAR(20)
ISSUE_PER_INNER_UNIT	INTEGER(4)
ORDER_WEIGHT	INTEGER(4)
NET_WEIGHT_UOM	CHAR(2)
ORDER_WEIGHT_UOM	CHAR(2)
ISSUE	INTEGER(4)
INNER_UOM	CHAR(2)
INNER_WEIGHT_UOM	CHAR(2)
PALLET_CFG_INNER	CHAR(2)
PALLET_CFG_ALTERNATE	CHAR(2)
NET_WEIGHT	NUMERIC(9,2)(4)
INNER_WEIGHT	NUMERIC(9,2)(4)
ALTERNATE_COMPANY_ID	VARCHAR(20)

PROD_PROFILE - Add - Part 3

The **DIMENSION_**'s are required for Freight calculations and if Slotting function used (directions as to where each Product should be stored inside warehouse).
The **MAX_WEIGHT_UNDER** and **MAX_WEIGHT_OVER** are used by Check Weighing screens (Optional Minder process).

The **EXPORT_CATEGORY** is used for flagging on Export documents e.g. NZ Customs - *'contains wooden materials'*.

TEMPERATURE_ZONE used to direct Putaway if Warehouse operates Coolrooms and Freezers.

TAX_APPLICABLE used for calculating GST on Invoices.

SSN_TYPE is Mandatory to enable handling of additonal Description details particularly where size, colour, style or Variety parameters are used.

PP_MATERIAL_SAFETY_DATA flag used to advise Users of Dangerous Goods and need for Material Safety Data Sheets to accompany shipments.

Field	Type	
VOLUME	NUMERIC(9,3)(4)	
UOM_SIZE	VARCHAR(10)	
MAX_WEIGHT_UNDER	SMALLINT(2)	
MAX_WEIGHT_OVER	SMALLINT(2)	
DIMENSION_X	NUMERIC(9,3)(4)	
DIMENSION_Y	NUMERIC(9,3)(4)	
DIMENSION_Z	NUMERIC(9,3)(4)	
DIMENSION_X_UOM	CHAR(2)	
DIMENSION_Y_UOM	CHAR(2)	
DIMENSION_Z_UOM	CHAR(2)	
EXPORT_CATEGORY	CHAR(1)	
PICK_IMPORT	CHAR(1)	
TEMPERATURE_ZONE	CHAR(2)	
TAX_APPLICABLE	CHAR(1)	
SSN_TYPE	VARCHAR(40)	
PP_PACKAGE_TYPE	CHAR(2)	
PP_MATERIAL_SAFETY_DATA	CHAR(1)	
PP_MATERIAL_SAFETY_DATA_NO	VARCHAR(40)	
PP_HAZARD_STATUS	VARCHAR(5)	
PP_HAZARD_WARNING	VARCHAR(128)	
PP_HAZARD_IMAGE1	INTEGER(4)	
PP_HAZARD_IMAGE2	INTEGER(4)	
PP_HAZARD_IMAGE3	INTEGER(4)	

SAVE   CANCEL   FIRST   PREV.   NEXT   LAST

Product Profile - Importing New Products or Updating
Importing New or Updating - Steps 1 - 3

The following columns are Mandatory if copying new PROD_PROFILEs from Excel Spreadsheet or importing from .CSV file:

- **PROD_ID**
- **SHORT_DESC**
- **PROD_TYPE**
- **UOM**
- **ISSUE_UOM**
- **ORDER_UOM**
- **ISSUE_PER_ORDER_UNIT**
- **LAST_UPDATE_BY**
- **COMPANY_ID**
- **SSN_TYPE**

If only updating existing PROD_PROFILE Records then only PROD_ID plus those columns requiring updating are required.

Step 1. Select 'Administration' Menu
Step 2. Select 'IMPORTING DATA' option
Step 3. Select 'PROD_PROFILE' table from dropdown list.

Select table to import | ACCESS_COMPANY

Unused fields 6 | >>

*USER_ID
*COMPANY_ID
ACCESS_LEVEL
EDITABLE
CREATE_DATE
CREATED_BY

PRIVILIGES
PRODUCT_CONDITION
PRODUCT_COND_STATUS
PRODUCT_DESCRIPTION
PRODUCT_KIT
PRODUCT_LAYOUT
PROD_COUNT
PROD_COUNT_HIST
PROD_EAN
PROD_PROFILE
PROD_TYPE
PROJECT
PURCHASE_LINE_DETAIL
PURCHASE_LINE_REVISED
PURCHASE_ORDER
PURCHASE_ORDER_LINE
PURCHASE_ORDER_LINE_TEMP
QLI$PROCEDURES
QTY_EAN
QUERY_LAYOUT

Data to Import

CSV file to Import [   ] Browse..
Import

Importing New or Updating - Steps 4 - 5

Step 4. Select the required columns (click on each left hand column name) in the order which your Excel Spreadsheet or .CSV files holds them.

The right hand side shows the selected columns.

If wrong just clear these using [<<] and start again.

But after the [<<] please remember re select in the order which matches your .csv columns reading from left to right.

Step 5. Use the Browse button to locate the .CSV file you are importing from.

Select table to import PROD_PROFILE

Unused fields 80 [>>]   Used fields 10 [<<]

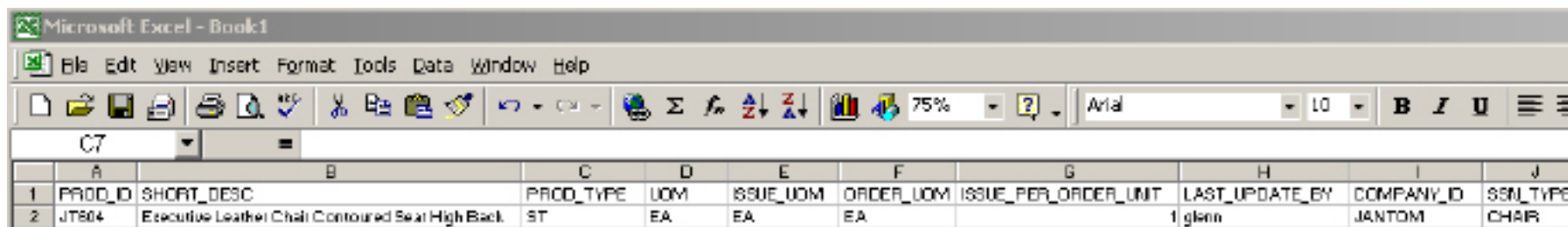| Unused	Used
EXPORT_CATEGORY	*PROD_ID
PICK_IMPORT	SHORT_DESC
TEMPERATURE_ZONE	PROD_TYPE
TAX_APPLICABLE	UOM
PP_PACKAGE_TYPE	ISSUE_UOM
PP_MATERIAL_SAFETY_DAT	ORDER_UOM
PP_MATERIAL_SAFETY_DAT	ISSUE_PER_ORDER_UNIT
PP_HAZARD_STATUS	LAST_UPDATE_BY
PP_HAZARD_WARNING	COMPANY_ID
PP_HAZARD_IMAGE1	SSN_TYPE
PP_HAZARD_IMAGE2	
PP_HAZARD_IMAGE3	
VOLUME_UOM	

Data to Import

CSV file to Import E:\assetrf\Book1.csv [Browse..]
[Import]

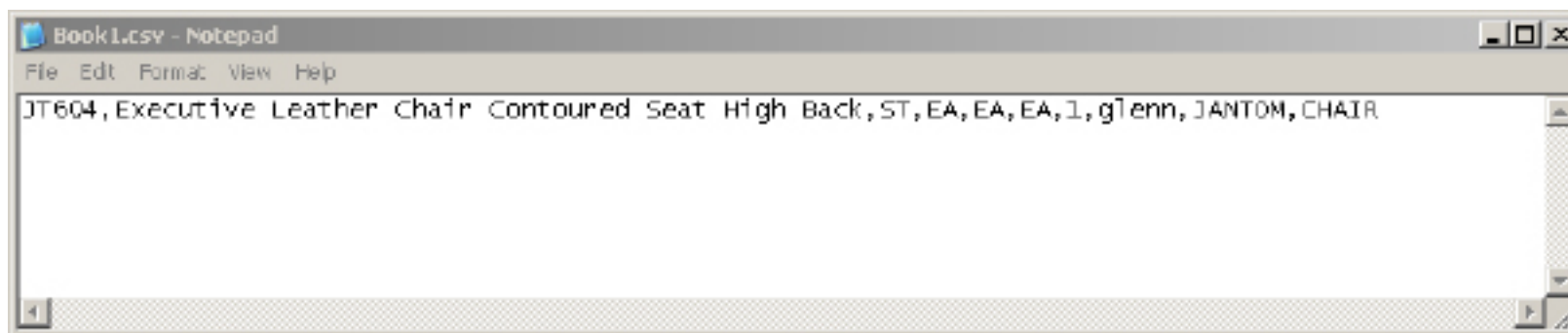## Importing New or Updating - Step 6 - Save .CSV

Step 6. The Excel Spreadsheet that matches the Import column layout (but please remember to remove the 1st Field Titles rows before saving as .CSV (Comma Separated Values) Format file.

Save As .CSV. Use NotePad to view details.
Watch for Date values or loss of leading zeros if your PROD_ID use these.

Importing New or Updating - Step 7 - Import .CSV

Select table to import PROD_PROFILE

Unused fields **80** `>>`   Used fields **10** `<<`

MAX_WEIGHT_OVER	*PROD_ID
DIMENSION_X	SHORT_DESC
DIMENSION_Y	PROD_TYPE
DIMENSION_Z	UOM
DIMENSION_X_UOM	ISSUE_UOM
DIMENSION_Y_UOM	ORDER_UOM
DIMENSION_Z_UOM	ISSUE_PER_ORDER_UNIT
EXPORT_CATEGORY	LAST_UPDATE_BY
PICK_IMPORT	COMPANY_ID
TEMPERATURE_ZONE	SSN_TYPE
TAX_APPLICABLE	
PP_PACKAGE_TYPE	
PP MATERIAL SAFETY DAT	

Data to Import

CSV file to Import E:\asset r\Book1.csv   Browse..

Import

Step 7. Use the Browse button to locate the .CSV Import file then select the 'Import' button....

The page at http://fpg.barcoding.com.au says:

⚠ File Name: Book1.csv, File Size: 91

OK

The page at http://fpg.barcoding.com.au says:

⚠ Submit successful

OK
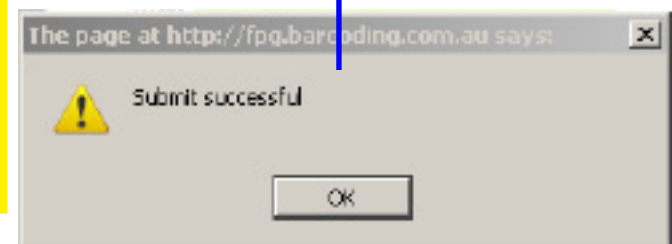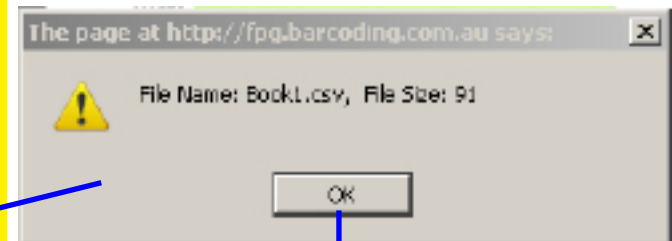
Importing New or Updating - Step 8 - Confirm Import

Select table to import PROD_PROFILE ▼

Unused fields **80** `>>`   Used fields **10** `<<`

| EXPORT_CATEGORY |
| PICK_IMPORT |
| TEMPERATURE_ZONE |
| TAX_APPLICABLE |
| PP_PACKAGE_TYPE |
| PP_MATERIAL_SAFETY_DAT |
| PP_MATERIAL_SAFETY_DAT |
| PP_HAZARD_STATUS |
| PP_HAZARD_WARNING |
| PP_HAZARD_IMAGE1 |
| PP_HAZARD_IMAGE2 |
| PP_HAZARD_IMAGE3 |
| VOLUME_UOM |

| *PROD_ID |
| SHORT_DESC |
| PROD_TYPE |
| UOM |
| ISSUE_UOM |
| ORDER_UOM |
| ISSUE_PER_ORDER_UNIT |
| LAST_UPDATE_BY |
| COMPANY_ID |
| SSN_TYPE |

Data to Import

CSV file to Import E:\assetrf\Book1.csv   Browse..

Import

PROD_ID	SHORT_DESC	PROD_TYPE	UOM	ISSUE_UOM	ORDER_UOM	ISSUE_PER_ORDER_UNIT	LAST_UPDATE_BY	COMPANY_ID	SSN_TYPE
JT604	Executive Leather Chair Contoured Seat High Back	ST	EA	EA	EA	1	glenn	JANTOM	CHAIR

Confirm Import   Clear Data   Clear All

The page at https://fpg.barcoding.com.au says:

Are you sure you want to import this data to 'PROD_PROFILE'?

OK   Cancel

Step 8. Select '**Confirm Import**' if if is correct otherwsie you can back out by slecting the '**Clear Data**' button.
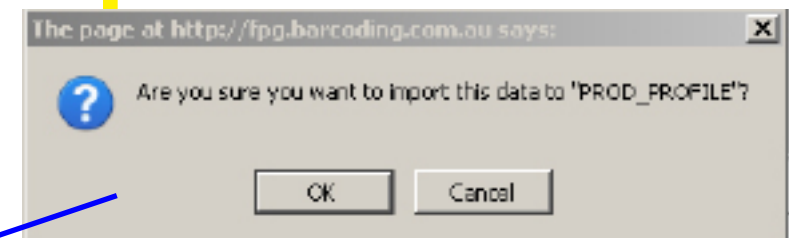
Select 'OK'. Import is complete after this process has finished.

Product Profile - KIT

The **KIT** table is used, as the name suggests, for recording which Products are defined and handled as Kits (not as single units) plus their Kit Status where:

- '**CU**' = Current,
- '**OB**' = Obsolete.

Product Profile - PRODUCT_KIT

The 'PRODUCT_KIT' screen is used to create and maintain the Recipes (or Menus) used to make up a Kit.

ADD to add a new PRODUCT_KIT Details.
A Product Profile may consist of a single Product or combination of Products and where the latter is called a KIT.
This screen is used to input each Product Code (PROD_ID) and its quantity required to make 1 Unit of a Finished Kit.

• KIT_ID - This is the ID of the finished Kit or combination of Products used to make up a KIT. See KIT screen to add Kit name.
It must be a unique KIT_ID and is also listed in both the PROD_PROFILE and KIT Tables.
• PROD_ID - This is the ID of each component used to make a KIT.
• PROD_QTY - This records the quantity or amount of the PROD_ID needed to make one unit of a KIT.
• CREATED_DATE - Creation Date
• CREATED_BY - User_ID
• STATUS - Used to indicate the Status of the Kit component.
Repeat for each Component of the KIT.

PRODUCT_KIT
SEARCH :

KIT_ID		PROD_ID	
CREATED_BY		CREATE_DATE	
STATUS		PROD_QTY	

SEARCH   CLEAR   ADD   DELETE

Selected: 0

View By : 15 ▼   Page : ▼

☐	^KIT_ID	^PROD_ID	CREATED_BY	CREATE_DATE

Total 0 records. Show from 1 to 0

REPORT: CSV

SAVE   CANCEL   FIRST   PREV.   NEXT   LAST

KIT_ID	VARCHAR(30)	
PROD_ID	VARCHAR(30)	
CREATED_BY	VARCHAR(10)	
CREATE_DATE	TIMESTAMP(8)	
STATUS	CHAR(2)	
PROD_QTY	DOUBLE PRECISION(8)	

SAVE   CANCEL   FIRST   PREV.   NEXT   LAST

Product Profile - PROD_EAN

The **PROD_EAN** table is used to convert the manufacturers GS1 13 or GS1 14 Barcode into a Minder Product Number (PROD_ID).

The table is also used to convert where Product has a GS1 Barcode with an extension added to the Barcode, such as with publications.

As an example, the extension may indicate which month of the year the publication has been released.

**PROD_EAN
SEARCH :**

PROD_EAN [   ]   PROD_EAN_EXTENSION [   ]
PROD_ID [   ]

[SEARCH] [CLEAR] [ADD] [DELETE]

Selected: 0

View By : [100 ▼]   Page : [1 ▼]

☐	'PROD_EAN	'PROD_EAN_EXTENSION	PROD_D
☐	0021200073694		CL003
☐	2000000000009		CL001
☐	9300800404079		ST123

Total 3 records. Show from 1 to 3

[REPORT: CSV]

[SAVE] [CANCEL] [FIRST] [PREV.] [NEXT] [LAST]

PROD_EAN	VARCHAR(14)	9300800404079
PROD_EAN_EXTENSION	VARCHAR(6)	
PROD_ID	VARCHAR(30)	ST123

[SAVE] [CANCEL] [FIRST] [PREV.] [NEXT] [LAST]

Product Profile – PRODUCT TYPE (PROD_TYPE)

The **PROD_TYPE** is used to describe collections or groupings of Products for the purposes of Reporting and Costings.

It is used on the PROD_PROFILE screen.

ADD new **PROD_TYPE** details:

•   Enter a **CODE** value which must be unique and use only UPPERCASE Characters. Maximum 2 Characters. Must also be unique.

•   Enter **DESCRIPTION** (max. 50 characters)

PROD_TYPE
SEARCH :

CODE [   ]   DESCRIPTION [   ]

[SEARCH] [CLEAR] [ADD] [DELETE]

Selected: 0

View By : | 10 | ▼ | Page : | 1 | ▼

☐	*CODE	DESCRIPTION
☐	CB	Consumable - Pallet Board
☐	CC	Consumable - Cleaning Material
☐	CO	Consumable - Office Supplies
☐	CP	Consumable - Packaging Material
☐	CS	Consumable - Safety Material
☐	CT	Consumable - Small Tool
☐	LT	Product - Literature
☐	PS	Product - Sample
☐	SP	Product - Spare Part
☐	ST	Product - Saleable Stock

Total 11 records. Show from 1 to 10

[REPORT: CSV]

[SAVE] [CANCEL] [FIRST] [PREV.] [NEXT] [LAST]

CODE	CHAR(2)	[ ]
DESCRIPTION	VARCHAR(50)	[ ]

[SAVE] [CANCEL] [FIRST] [PREV.] [NEXT] [LAST]