

Materials Management
SAP Implementation at IESCO
Training Document
Material Master Maintenance

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Material Master Maintenance

1 Purpose

The material master will contain information on all the materials that IESCO procures. It will be the IESCO central source for retrieving material-specific data.

The creation of material records is limited to a small group of people referred to as the Material Master Record Maintainers.

Prerequisites

User department identifies the need for a material master creation. Material Master Record Maintainer receives a request from the user to create a new Material Master Record.

1.1 Process Steps

1.1.1 Material Master Creation

Use

Following steps are followed during the Material master creation.

Procedure

1. Open "Create Material" App. from Fiori Launchpad.
2. Enter Industry Sector and Material Type in Initial Screen then press enter.

Field name	Description	User action and values	Comments
Material		As per requirement	Enter required Material number: 10210
Industry Sector		As per requirement	Press F4 to select from the list Industry Sector: Utility Industry
Material Type		As per requirement	Press F4 to select from the list. Example: IESCO Overhead Electrification

   

Create Material (Initial Screen

 Create Material (Initial Sc

Menu ▾ ◀ Back Exit Cancel System ▾ Select View(s) Org. Levels Data

Material

10210

Industry Sector

Utility Industry ▾

Material type

IESCO OverHead Elect ▾

Change Number

Copy from...

Material

3. Select the required views and click Enter.

Field name	Description	User action and values	Comments
Mateial Views		Select the views according to nature of the material type	For example, basic data view, purchasing view, Genral Plant Data/ Storage or accounting

SAP GUI for HTML

Create Material (Initial Screen)

Menu Back Exit Cancel System Select View(s) Org. Levels Data

Select View(s)

Material	10210
Industry Sector	Utility Industry
Material type	IESCO OverHead Elect.
Change Number	
Copy from...	
Material	

☐ View

- ☐ Basic Data 1
- ☐ Basic Data 2
- ☐ Purchasing
- Foreign Trade: Import Data
- Purchase Order Text
- MRP 1
- MRP 2
- MRP 3

☐ View selection only on request

☐ Create views selected

✓ Org. Levels Data Default Setting ✕

4. On relevant Organization Level, Press F4 and select the Plant e.g. MP01 and Storage Location.

Field name	Description	User action and values	Comments
Plant		As per requirement	Enter plant or press F4 to select from the list. Example: 200
Storage Location		As per requirement	Enter storage location or press F4 to select from the list. Example: 203

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SAP

Create Material (Initial Screen)

SAP

Create Material (Initial Screen)

Menu ▾

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Cancel

System

Select View(s)

Org. Levels

Data

Material

10210

Industry Sector

Utility Industry

Material type

IESCO OverHead Elect.

Change Number

Copy from...

Material

Organizational Levels

Organizational levels

Plant

200

ESCO RS Rawalpindi

Stor. location

203

RS Rwp Open Yard

☐

Org. levels/profiles only on request

✓

5. Enter or Click on **Basic Data 1 Tab**. Enter Short Text, Base Unit of Measure and Material Group.

Field name	Description	User action and values	Comments
Description		Text containing up to 40 characters that describes the material in more detail.	Example: 3-Phase 4 Core Wire
Base unit of Measurement		As per requirement	Enter base unit of measure or press F4 to select from the list. Example: M
Material Group		As per requirement	Enter material group or press F4 to select from the list. Example: 14000 CABLES & ACCESSORIES

SAP Create Material 10210 (IESCO OverHead)

Menu Save Back Exit System Other Material Additional Data Org. Levels Ch

Basic data 1 Basic data 2 Purchasing Foreign trade import Purchase order text MRP 1 > ..

Material 10210

Descr. 3-Phase 4 Core Wire

General Data

Base Unit of Measure	M	m	Material Group	14000
Old material number			Ext. Matl Group	
Division			Lab/Office	
Product allocation				
X-plant matl status			Valid from	
Assign effect. vals	☐		GenItemCatGroup	

Material authorization group

Authorization Group

Dimensions/EANs

6. Maintain Material Profit Center and serial profile in Plant data / store 2 view.

Field name	Description	User action and values	Comments
ProfitCenter		As per requirement	For example: profit center for 200 is 10200
Serial No. profile		Chose serial no. profile, if required	For example: IE01 if needed

SAP Create Material 10210 (IESC)

Menu Save Back Exit System Other Material Additional Data Or

< MRP 2 MRP 3 MRP 4 Advanced Planning ☒ Plant data / stor. 1 **☒ Plant data / stor. 2**

Stor. loc. RS Rwp Open Yard

Weight/volume

Gross weight		Weight unit	
Net weight			
Volume		Volume unit	
Size/dimensions			

General plant parameters

☐ Neg. stocks in plant		Log. handling group	
Serial no. profile	SerLevel	☐ Distr. profile	
Profit Center 10200		Stock determ. group	
☐ IUID-Relevant			
☐ External Allocation of UII			

7. In Accounting view maintain Material Price.

Field name	Description	User action and values	Comments
Price Control		User defines the price control as per requirement.	For example: standard price or moving average price
Valuation Class		As per material type	For example: 3001
Price		Material price as per valuation.	150

SAP Create Material 10210 (

Menu **Save** Back Exit System Other Material Additional Data Org. Level

Accounting 1 Accounting 2 WM Execution WM Packaging

Period 009.2018 Period 008.2018 Period 012.2017

General Valuation Data

Total Stock	0	Base Unit	M m
Division		Valuation Cat.	
Valuation Class	3001	☐ Valuated Un	
VC: Sale Ord. Stk		☒ ML Act.	Mat. Price Analysis
Project Stock VC		Price Determ.	2 Transaction-Based

Prices and values

Currency	PKR
Company code currency	
Standard Price	
Per. unit price	150.00
Price Unit	1
Prc. Ctrl	V
Inventory Value	0.00

8. Press Save button.

Result:

Material master record created.

Note:

- Use Fiori App "Change Material" for change in existing material master record.
- Use Fiori App "Display Material" for displaying the existing material master record.