



ENSIAB

Smooth flow of Materials.Info.Cash



SAP Plant Maintenance

Power User - Training Manual

ENSIAB

Smooth flow of Materials.Info.Cash

Capital maintenance order

Presented by:

Srinivas Narayana
PM Consultant
Arete Global Consulting

Contents

1.	Capital Maintenance process description	4
2.	Create capital request notification	4
3.	View Notification and create work order(Maintenance departments people will execute)	
.....		
.....7		
4.	View purchase requisition generated by maintenance order	9



REVISION HISTORY			
Revision #	Revision Date	Summary of Changes	Updated by

DISTRIBUTION	
<i>This document has been distributed to:</i>	
Name/ Title	Review and Approval Signature

ENSIAB

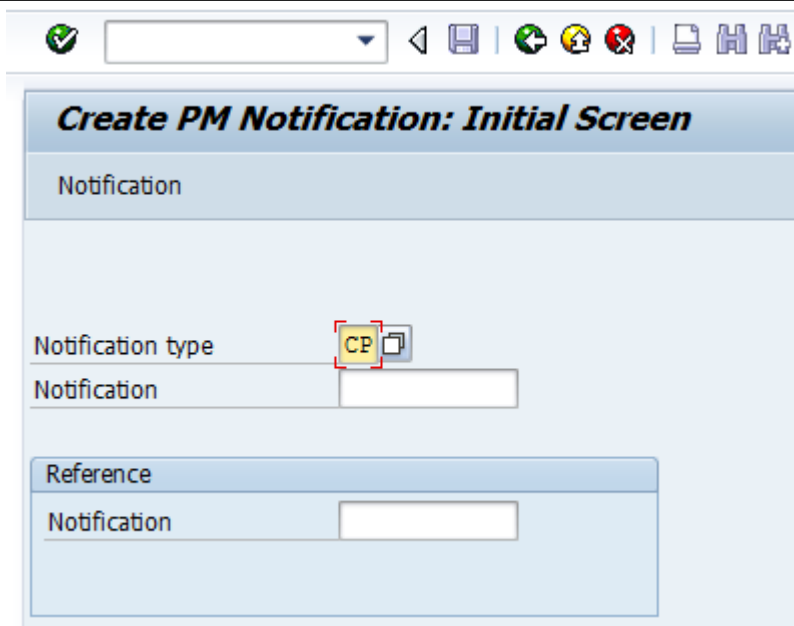
Smooth flow of Materials.Info.Cash

1. Capital Maintenance process description

Investment of capital nature for replacement of existing equipment's or to keep standby equipment's will use this process.

2. Create capital request notification

Menu	Logistics → Plant maintenance → Maintenance processing ☐ Notification ☐ Create (general)
Transaction Code	IW21



The screenshot shows the 'Create PM Notification: Initial Screen' dialog box. At the top, there is a title bar with the text 'Create PM Notification: Initial Screen'. Below the title bar, there is a section labeled 'Notification'. Inside this section, there is a field for 'Notification type' which contains the value 'CP'. To the right of this field is a small icon of a document with a plus sign. Below the 'Notification type' field is a text input field labeled 'Notification'. Below this, there is a section labeled 'Reference' which contains a text input field labeled 'Notification'.

Select notification type "CP-MEFSCO Capital" as shown in above and click enter

Create PM Notification: MEFSKO CAP

Notification: §00000000001 CP Replacement of Pump

Notific. Status: OSNO

Order:

Notification Warranty & Partners Malfunction, breakdown Location data Scheduling overview Items

Reference object

Functional loc.

Equipment

Assembly

Subject

Description:

Select the function location option

ENSIAB

Smooth flow of Materials.Info.Cash

Display Functional Location: Functional Location Selection

FuncLoc Selection

Functional Location  

Partner

Selection Profile 

Classification

Class Type ☐ Include Subordinate Classes

Class 

Maintenance Data

FuncLocDescrip. to 

Planning plant to 

Planner group to 

Location Data/Account Assignment

Maintenance plant	1701 	to		
Location		to		
Room		to		
Plant section		to		
Work center		to		
ABC indicator		to		
Sort field		to		
Controlling Area		to		
Company Code		to		
Cost Center		to		
WBS Element		to		
Asset		to		
Standing order		to		
Settlement order		to		

Enter maintenance plant as 1701 and press  button

Display Functional Location: Functional Location List

✓              

S	Functional Location	Description of functional location	Sort field
	1701	MEFSCO	
	1701-021	EXISTING WET MILL AND REFINERY	
	1701-021-011901	CORN-UTILITY-ELECTRICAL POWER	
	1701-021-011901-TRB 1	2MVA TRANSFORMER FOR REFINERY	TRB 1
	1701-021-011901-TRB 2	2MVA TRANSFORMER FOR MILL HOUSE	TRB 2
	1701-021-011901-TRB 3	2MVA TRANSFORMER FOR MILL HOUSE	TRB 3
	1701-021-011901-TRB 7	1MVA TRANSFORMER FOR UTILITY	TRB 7
	1701-021-061101	LOGIST. PRO.-WET STORAGE-STARCH SLURRY	
	1701-021-061101-301A-FCV-20	RETURN VALVE TO STARCH SLURRY TANK	301A-FCV-20
	1701-021-061101-301A-FCV-23	INLET VALVE TO STARCH SLURRY PUMP	301A-FCV-23
	1701-021-061101-301A-LS-05	HI. LEVEL SWITCH OF STARCH SLURRY TANK	301A-LS-05
	1701-021-061101-301A-LT-02	LVL. TRANSMITTER OF STARCH SLURRY TANK	301A-LT-02
	1701-021-061101-301A-TT-03	TEMP. TRANSMITTER OF STARCH SLURRY TANK	301A-TT-03
	1701-021-061101-AG-30101	STARCH SLURRY TANK AGITATOR	AG-30101
	1701-021-061101-MO-30101AG	STARCH SLURRY TANK AGITATOR MOTOR	MO-30101AG
	1701-021-061101-MO-30101PU	STARCH SLURRY PUMP MOTOR	MO-30101PU
	1701-021-061101-PU-30101	STARCH SLURRY PUMP	PU-30101
	1701-021-061101-TK-30101	STARCH SLURRY TANK	TK-30101
	1701-021-061201	LOGIST. PRO.-DRY STORAGE-STARCH	

Select the pump location and click  choose

✓              

Create PM Notification: MEFSCO CAP

Notification CP Replacement of Pump 

Notific. Status 

Order 

Notification Warranty & Partners Malfunction, breakdown Location data Scheduling overview Items Tasks

Reference object

Functional loc. STARCH SLURRY PUMP   

Equipment

Assembly 

Subject

Description

Pump is old and need replacement 

Enter the reason in the long text and press  button. Notification number is generated.

3. View Notification and create work order(Maintenance departments people will execute)

Menu	Logistics → Plant maintenance → Maintenance processing ☐ Notification ☐ List editing ☐ Change
Transaction Code	IW28

Change Notifications: Selection of Notifications

Notification status
☒ Outstanding ☐ Postponed ☐ In process ☐ Completed Sel.profil Addr.

Notification selection

Notification		to		→
Notification type		to		→
Functional Location		to		→
Equipment		to		→
Material		to		→
Serial Number		to		→
Addit. device data		to		→
Order		to		→
Notification date	07.06.2015	to	05.09.2015	
Partners				Cls.

Location Data/Acc.Assignment/Maint. Plan

Maintenance plant	1701 □	to		→
Location		to		→
Room		to		→
Sort field		to		→
Plant section		to		→
ABC indicator		to		→
Cost Center		to		→
Company Code		to		→
Business Area		to		→
Asset		to		→

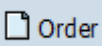
Others

Paging status		to		→
Layout	A			
Ref. field monitor				

Enter maintenance plant as 1701 and click  execute button.

Change Notifications: List of Notifications

Notif.type	Notification	Notif.date	Equipment	Description of technical object	Description	System status	Created	Order	Functional Location	Description of functional location
EV	10000002	30.08.2015	2002315	SP-125-7 PUMP -01	Create Event Notification	OSNO	XSRINI...		1701-021-921501-PU-519008	BORE WELL 2 PUMP
EV	80000085	04.09.2015	2002315	SP-125-7 PUMP -01	Pump Event	OSNO	XSRINI...		1701-021-921501-PU-519008	BORE WELL 2 PUMP
MD	80000084		2002315	SP-125-7 PUMP -01	Modify the Pump	OSNO	XSRINI...		1701-021-921501-PU-519008	BORE WELL 2 PUMP
CP	80000088	05.09.2015			Replacement of Pump	OSNO	XSRINI...		1701-021-061101-PU-30101	STARCH SLURRY PUMP
PM	80000087				1701-021-921501-MO-519008PU	OSNO	XSRINI...		1701-021-921501-MO-519008	BORE WELL 2 PUMP MOTOR

List of outstanding notifications will be displayed. To further process notification select the line and click on  icon.

Create MEFSO Capital Order : Component Overview

Order: MF05 %00000000001 Replacement of Pump

Sys.Status: CRID MANC NTUP

Item	Component	Description	LT	Reqmt Qty	UM	IC	Spe...	SLoc	Plnt	Op...	Batch	Proc. Category
0010		Goulds LP 3400 Double Suction Fan Pump			1 PC	N			1701			
0020												
0030												
0040												

Go to components tab and enter data as shown above

Field Name	Description	Comment
Component	Component	Enter material number if you have
Description	Description	Enter description mandatory for procurement
Reqmt Qty	Requirement quantity	Enter number
UM	Unit of measure	Enter unit of measure
IC	Item category	Enter always "N"



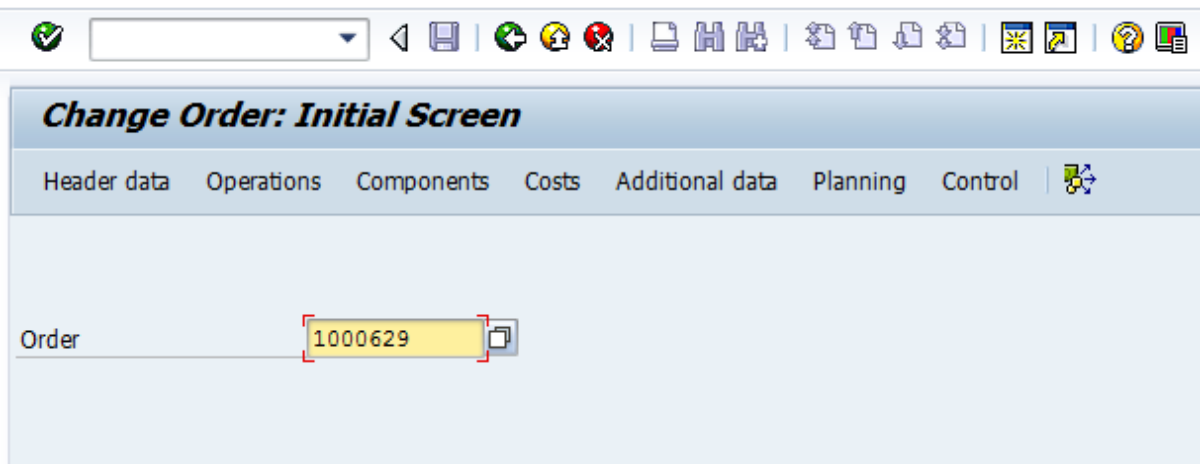
FNICLAD

☒ Order 1000629 saved with notification 8000088

10

4. View purchase requisition generated by maintenance order

Menu	Logistics → Plant maintenance → Maintenance processing ☐ Order ☐ Change
Transaction Code	IW32

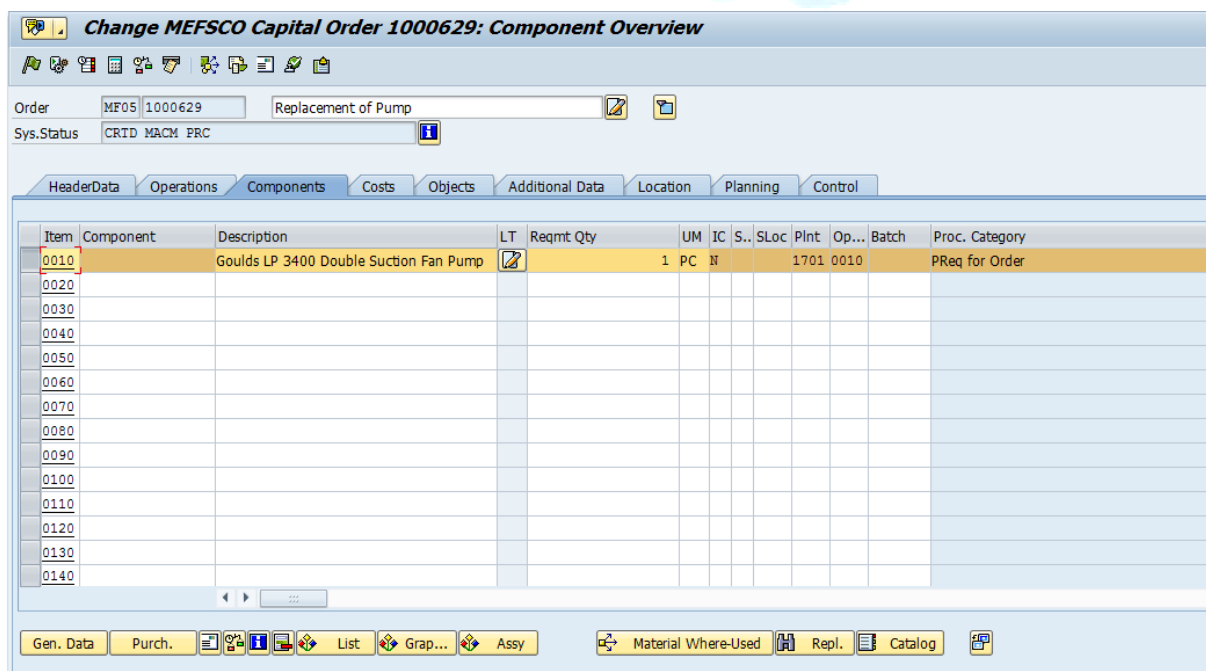


Change Order: Initial Screen

Header data Operations Components Costs Additional data Planning Control

Order

Input order number and press enter



Change MEFCO Capital Order 1000629: Component Overview

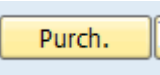
Order: MF05 1000629 Replacement of Pump

System Status: CRTD MACM PRC

HeaderData Operations **Components** Costs Objects Additional Data Location Planning Control

Item	Component	Description	LT	Reqmt Qty	UM	IC	S...	SLoc	Plnt	Op...	Batch	Proc. Category
0010		Goulds LP 3400 Double Suction Fan Pump			1	PC	N		1701	0010		PReq for Order
0020												
0030												
0040												
0050												
0060												
0070												
0080												
0090												
0100												
0110												
0120												
0130												
0140												

Gen. Data Purch. List Grap... Assy Material Where-Used Repl. Catalog

In components tab select the row and click  icon

Order	1000629	Oper./Act.	0010
Material			
Item	0010	Item Cat.	N
		Goulds LP 3400 Double Suction Fan Pump	

General Data		Purchasing Data	
Requirement Qty	1	PC	Sort String
Price		SAR	per 1 PC
Material Group	17009		G/L Account 61401030
Purch. group	091 / 1700		Vendor
Agreement	/		Info Record
Goods Recipient			Unloading Point
LC Trans. No.			Future Contact
Pl. Deliv. Time			GR Proc. Time
Vendor Mat. No.			

Actual Data	
Purchase Req.	3000000257
☐ PO Exists	

Purchase requisition number is displayed.

ENSIAB

Smooth flow of Materials.Info.Cash