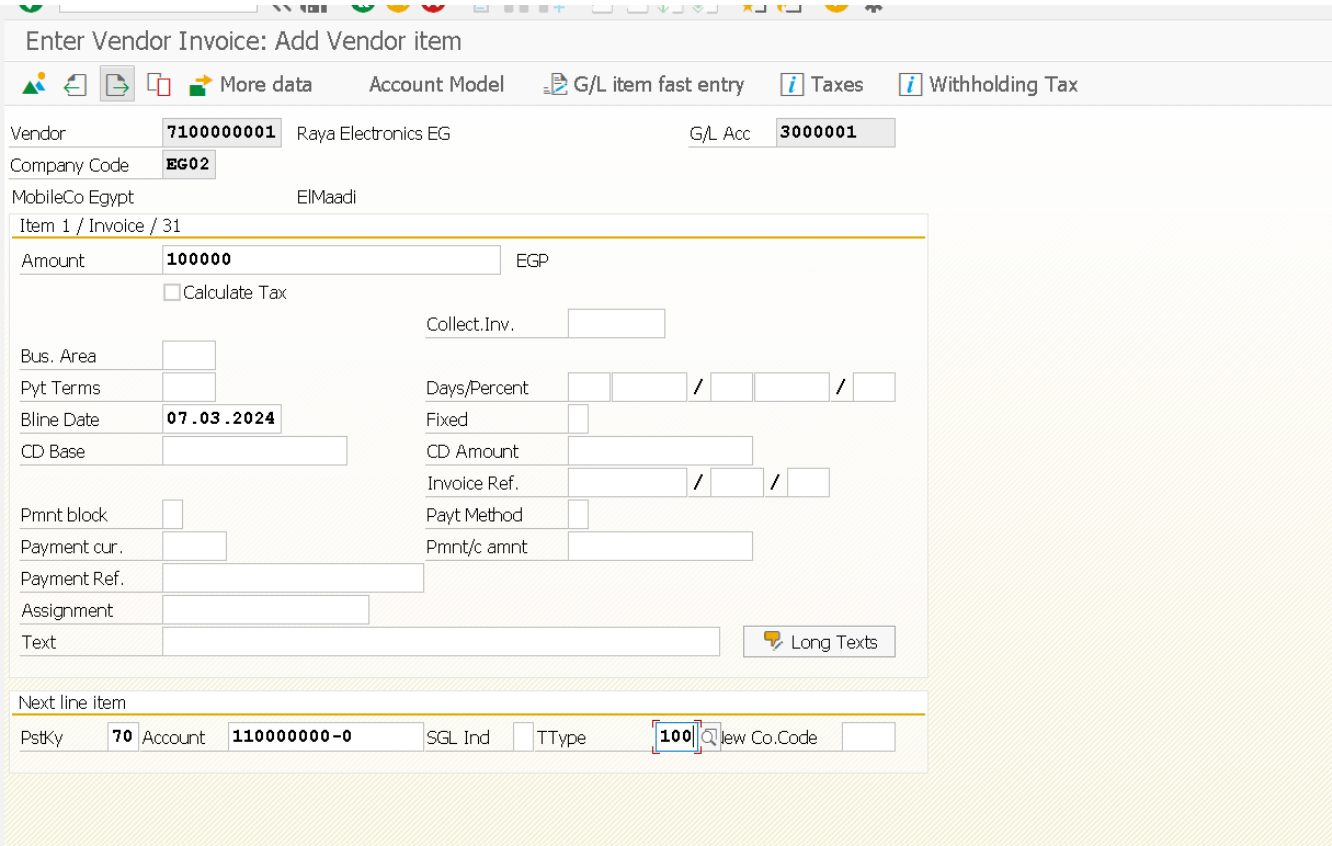
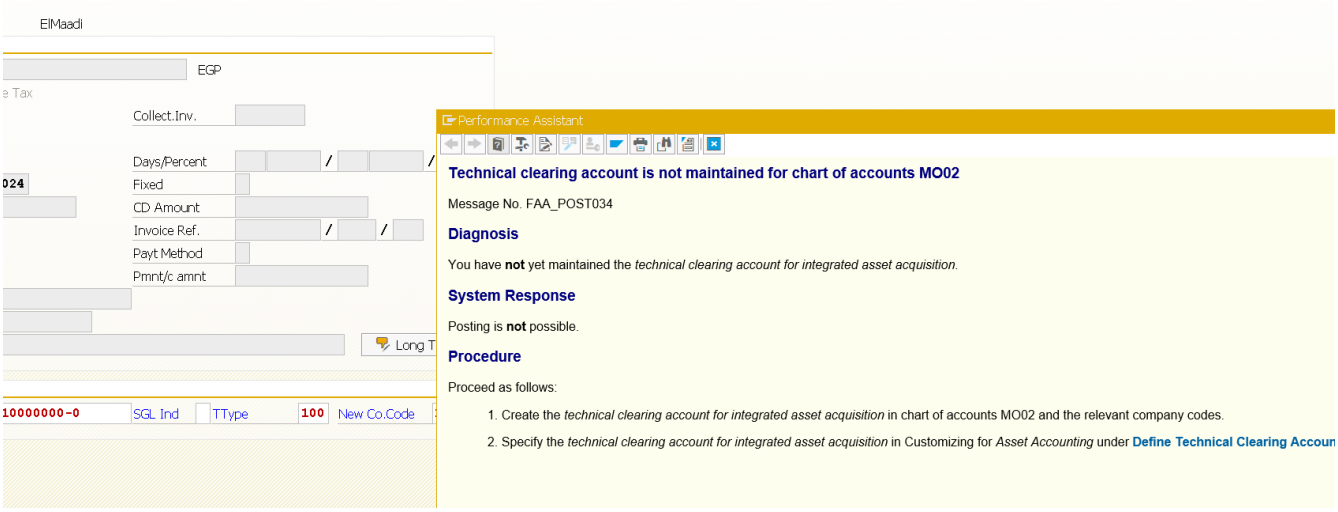
39- Test fixed asset all acquisition transactions.

1- Asset external acquisition with a vendor:

a. Make an invoice



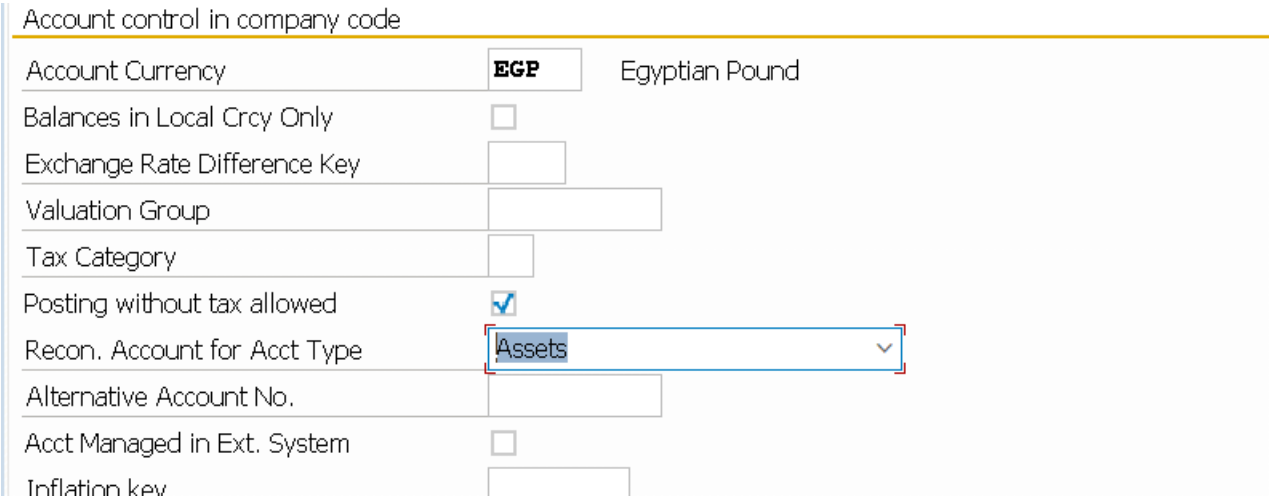
- Error

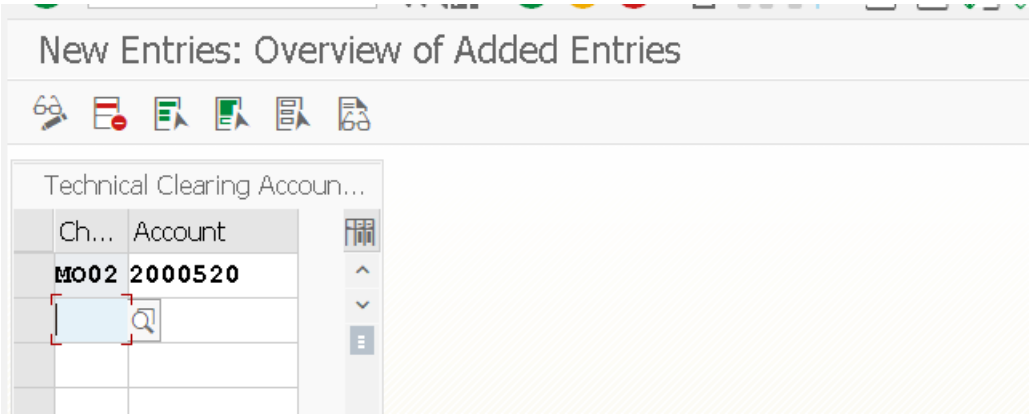


- Solution:

Create technical clearing account to post the external acquisition

This clearing account must be recon account for assets





Posting in general ledger

Data Entry View

Document Number	56006	Company Code	EG02	Fiscal Year	2023
Document Date	07.03.2024	Posting Date	07.03.2024	Period	9
Reference	ASSET TEST 1	Cross-Comp.No.			
Currency	EGP	Texts Exist		Ledger Group	

CoCd	Item	Key	SG	Account	Description	Amount	Crcy	Local Crcy Amt	LCurr	Tx	Cost Center	Profit Center
EG02	1	31		7100000001	Raya Electronics EG	10,000.00-	EGP	10,000.00-	EGP			
	2	70		2000521	000110000000 0000	10,000.00	EGP	10,000.00	EGP			DUMMY

- Try to change number range external to be able to try to use name instead of numbers***

Posting in asset accounting

Display Document: Data Entry View

AP/Currency | Line Items | Addit.Acct Assignment Line Item

Document Header Info

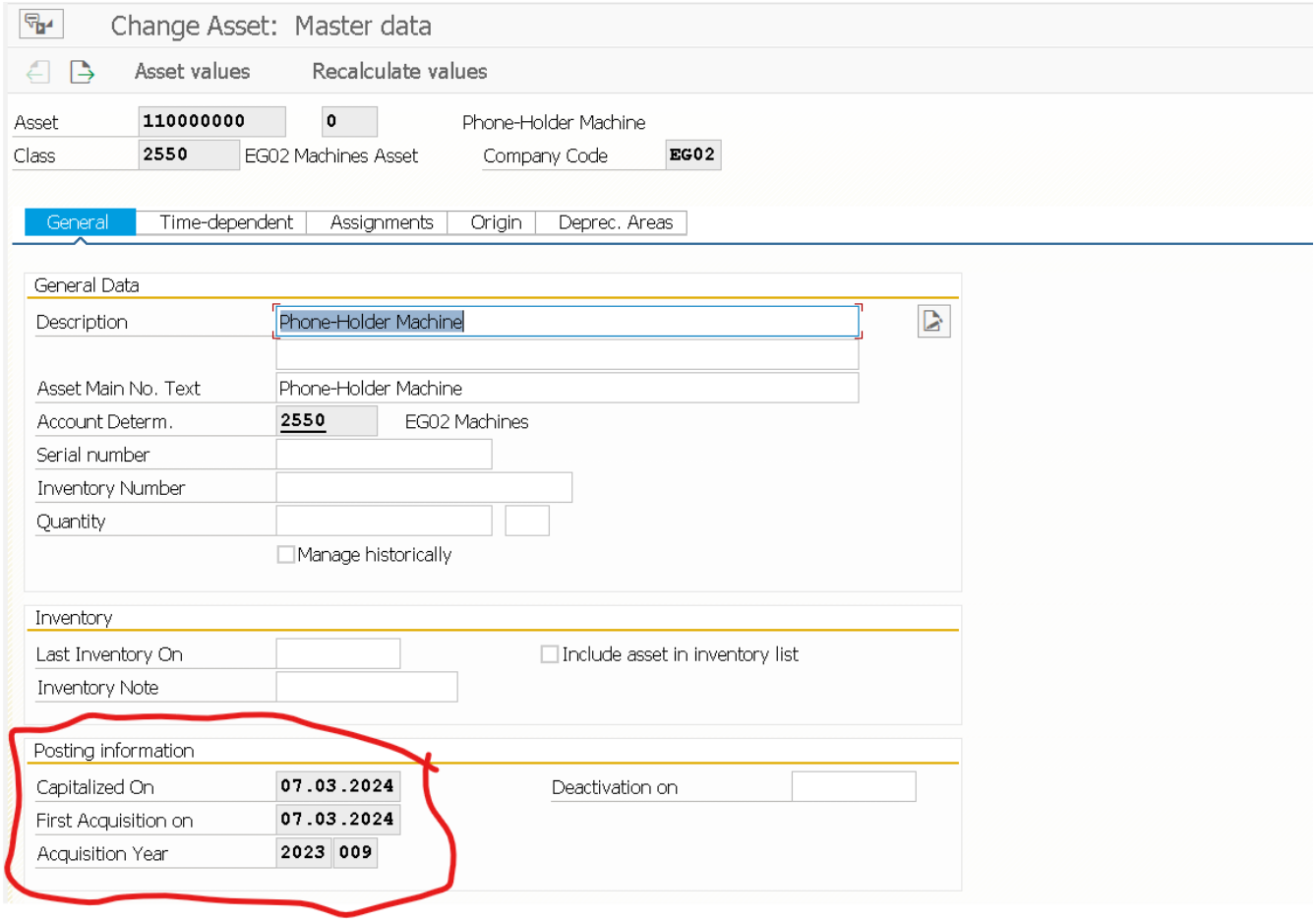
Document Date:	**07.03.2024**	**Document Type:**	**KR**	**Company Code:**	**EG02**	**Accounting Principle:**	**IFRS / PI**
Posting Date:	**07.03.2024**	**Period:**	**09**	**Fiscal Year:**	**2023**	**Display Currency:**	**Company code currency**

Line items

Type	Period	Ledger Grp	Ref. doc.	DocumentNo	Item	PK	BusA	Segment	Profit Ctr	G/L Acct	Short Text	Amount	Crcy	Cost Ctr	Order	WBS Elem.
KR	9		56006	56006	1	31				3000001	Domestic Vendors	10,000.00-	EGP			
KR	9				2	70			DUMMY	2000521	000110000000 0000	10,000.00	EGP			
				56006								0.00	EGP			
KR	9	0L		56007	1	70			DUMMY	2000500	000110000000 0000	10,000.00	EGP			
KR	9	0L			2	75			DUMMY	2000521	000110000000 0000	10,000.00-	EGP			
				56007								0.00	EGP			
												0.00	EGP			

- why using technical clearing account in asset accounting view? ***

- **posting information has been updated in asset master data**



- **Asset Explorer**

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Asset Explorer

Asset EG02-110000000/0000
- Depreciation Areas
  - 60 IFRS / PI
    - 01 Book depreciation
    - 02 Depreciation For T

Company Code EG02 MobileCo Egypt
Asset 110000000 0 Phone-Holder Machine
Fiscal year 2023

Planned values | Posted values | Comparisons | Parameters

Planned values Book depreciation

Value	Fiscal year start	Change	Year-end	Crcy
APC transactions		10,000.00	10,000.00	EGP
Investment support				EGP
Acquisition value		10,000.00	10,000.00	EGP
Ordinary Depreciat.		3,076.92-	3,076.92-	EGP
Unplanned Deprec.				EGP
Write-up				EGP
Value adjustment				EGP

Objects related to asset
- Vendor
  - Raya Electronics EG
- Cost Center
  - Marketing Cost Centr
- G/L Account
  - Machines Fixed Assets
- Profit Center
  - Dummy Profit Center

Transactions

AssetValDate	Amount	TType	Transaction Type Name	Crcy
07.03.2024	10,000.00	100	External asset acquisition	EGP

- *Why system is calculating tax authority depreciation with USD? ****

. values Depreciation For Tax Authoirty

Fiscal year start	Change	Posted values	Crcy
	1,000.00	1,000.00	USD
			USD
	1,000.00	1,000.00	USD
			USD
			USD
			USD
			USD
	1,000.00	1,000.00	USD

n posted/planned

Status	Per	Ord. Dep.	UpInd Dep.	Reserves	Revaluat.	Crcy
Planned	9	76.92-	0.00	0.00	0.00	USD
Planned	10	76.93-	0.00	0.00	0.00	USD
Planned	11	76.92-	0.00	0.00	0.00	USD
Planned	12	76.92-	0.00	0.00	0.00	USD
		307.69-	0.00	0.00	0.00	USD

- Name was entered wrong

Planned values Depreciation for Group Reporting

Value	Fiscal year start	Change	Year-end	Crcy
APC transactions		1,000.00	1,000.00	USD
Investment support				USD
Acquisition value		1,000.00	1,000.00	USD
Ordinary Depreciat.		307.69-	307.69-	USD
Unplanned Deprec.				USD
Write-up				USD
Value adjustment				USD
Net book value		692.31	692.31	USD

All

Transactions

AssetValDate	Amount	TType	Transaction Type Name	Crcy
07.03.2024	1,000.00	100	External asset acquisition	USD

2- Asset Acquisition with offsetting Entry "ABZON"

Enter Asset Transaction: Acquis. w/Autom. Offsetting Entry

Line Items | Change company code | Multiple assets | Addit. Asset Account Assignment

Company Code: EG02 MobileCo Egypt

Existing asset

New Asset — MasterData

Description: Cleaning Machine Room 100

Asset Class: 2550

Cost Center: 1000

Transaction data | Additional Details | Note

Area Selection

Ledger

Accounting Principle

Depreciation Area

Basic Data

Document Date: 07.03.2024

Posting Date: 07.03.2024

Asset Value Date

Amount Posted: 4,000.00 EGP

Quantity

Text

ABZON

- Came by this error:

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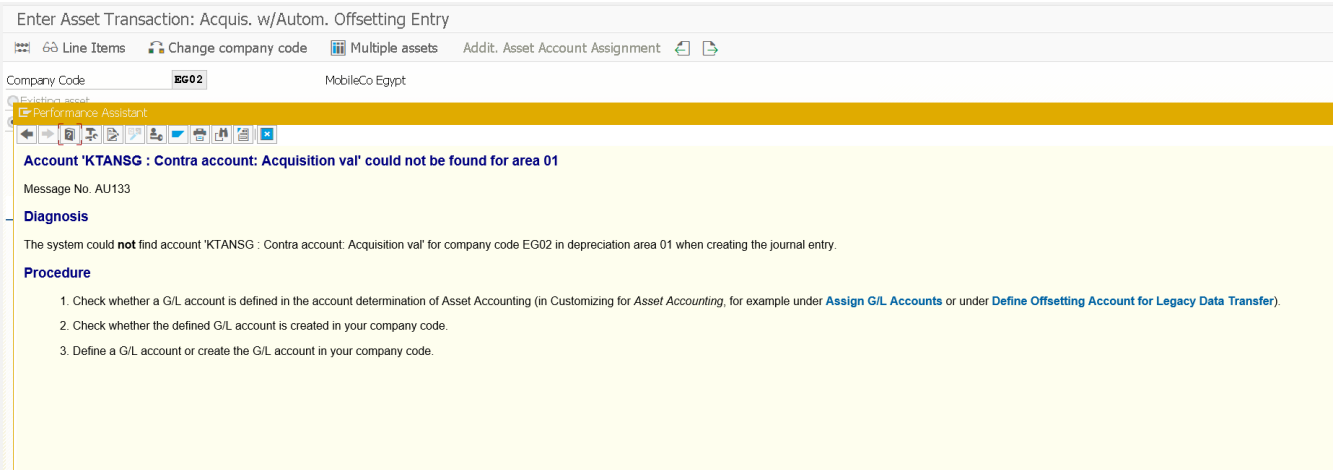
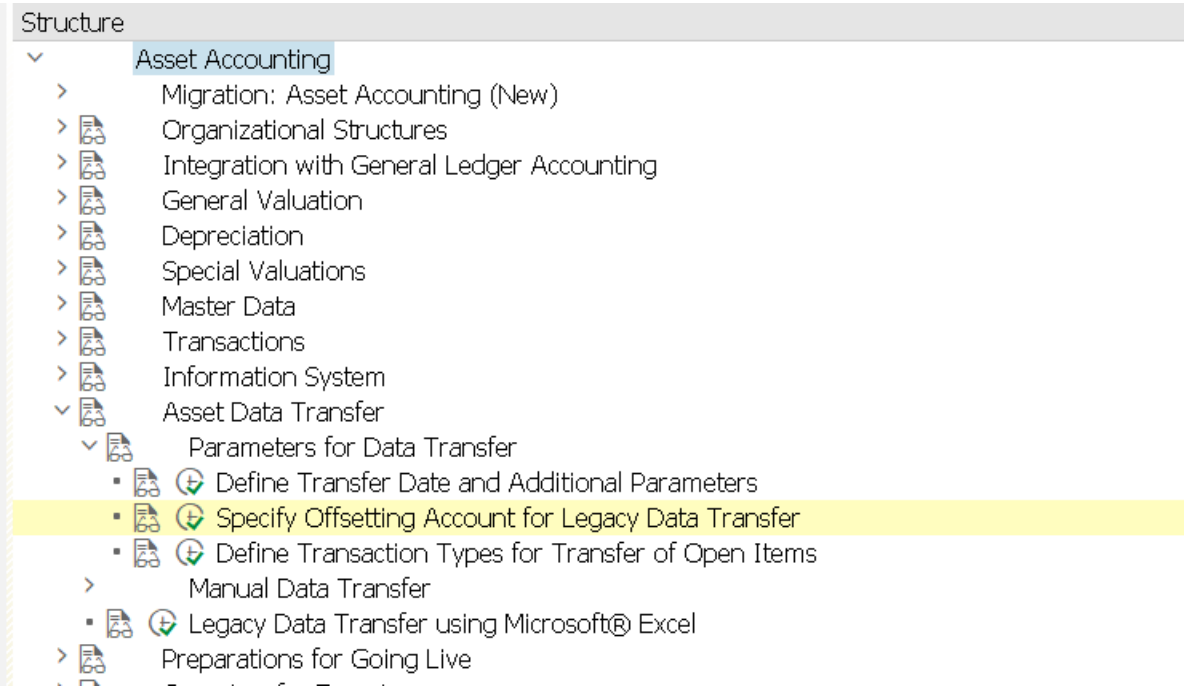
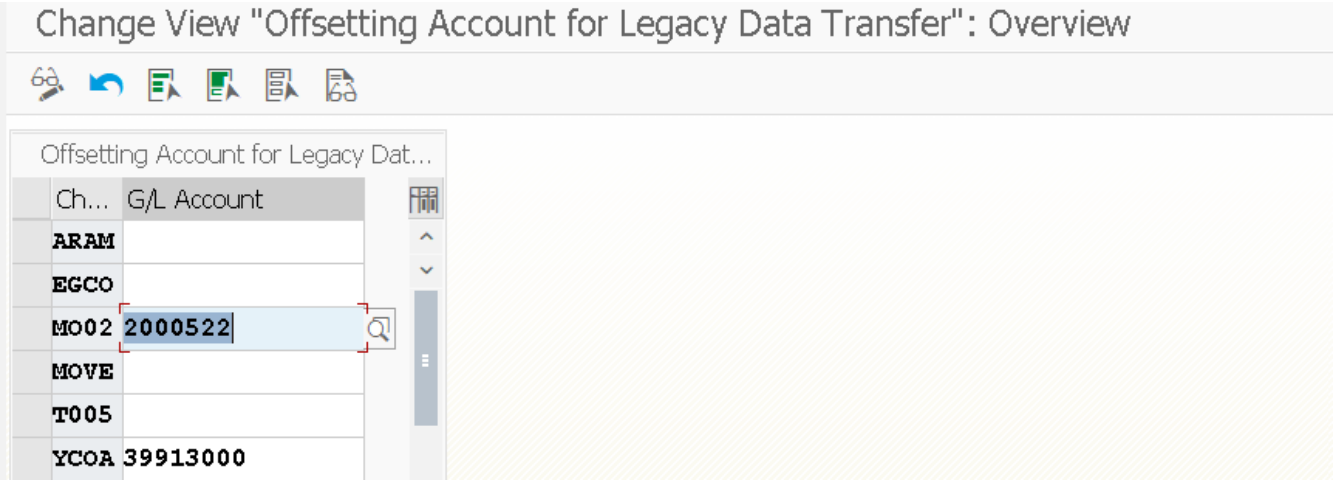


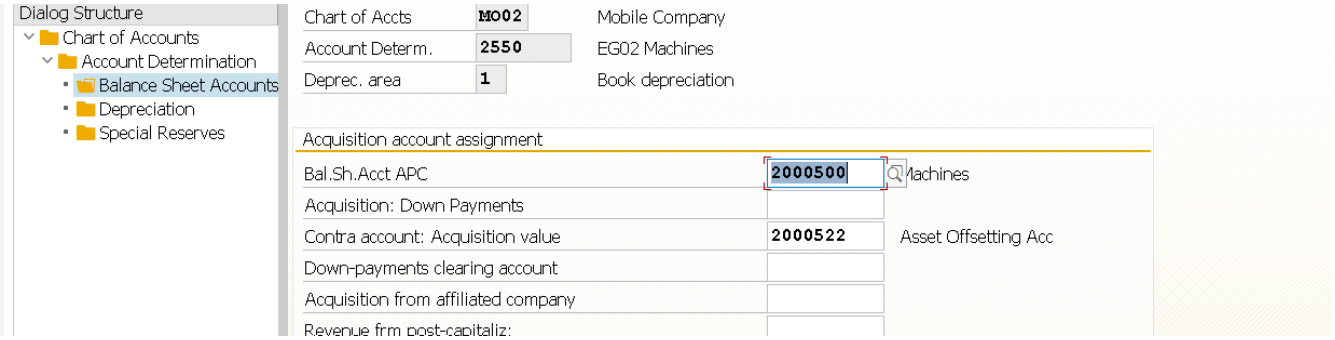
- Solution:



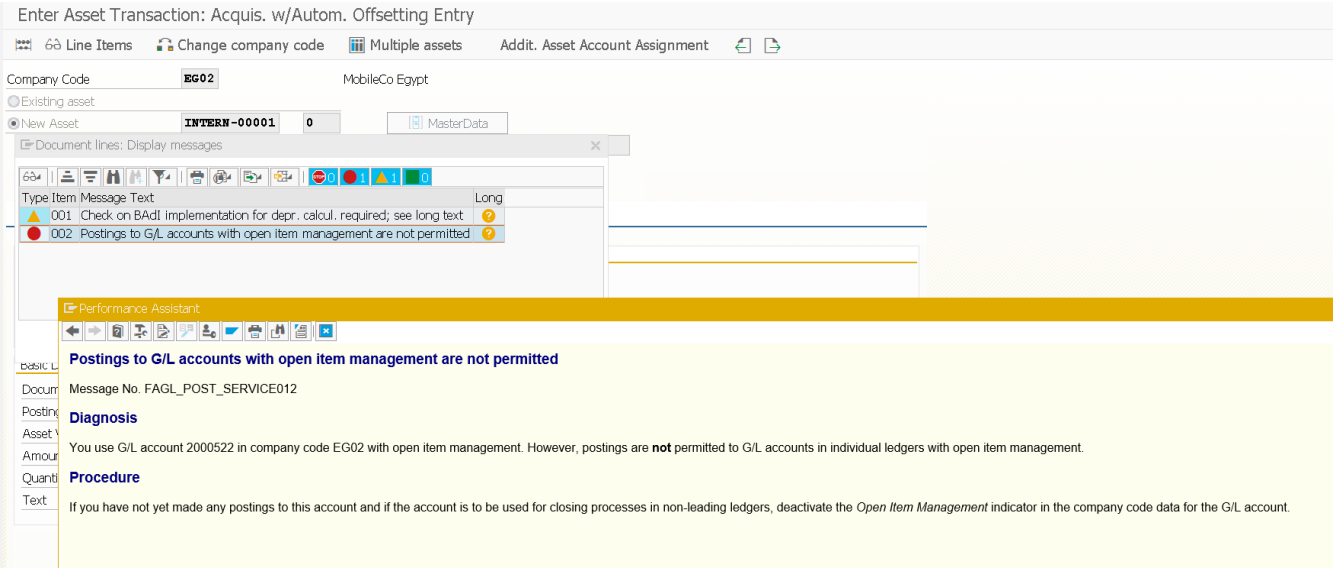
Just a normal clearing account for asset.



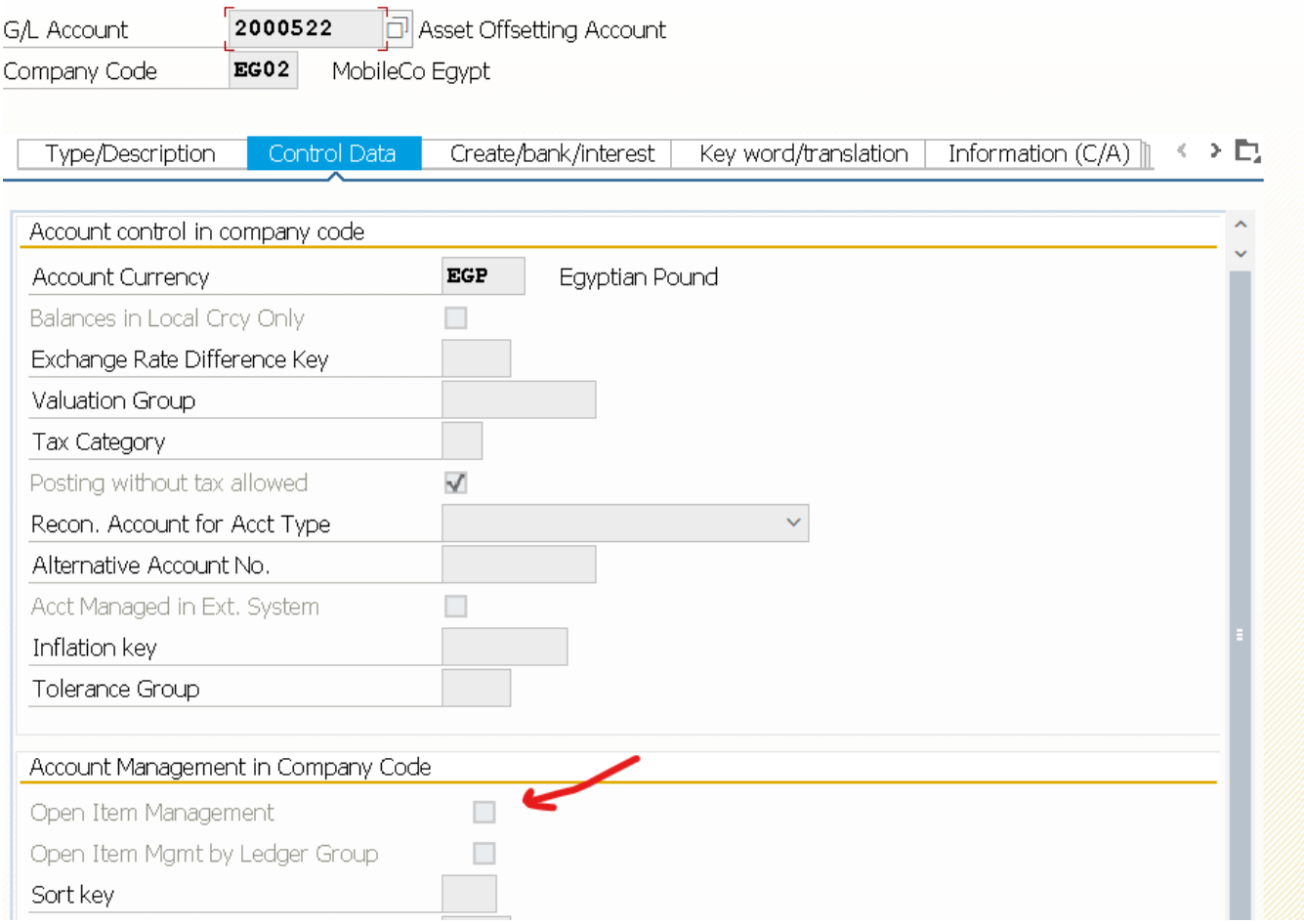
In AO90 / account determination



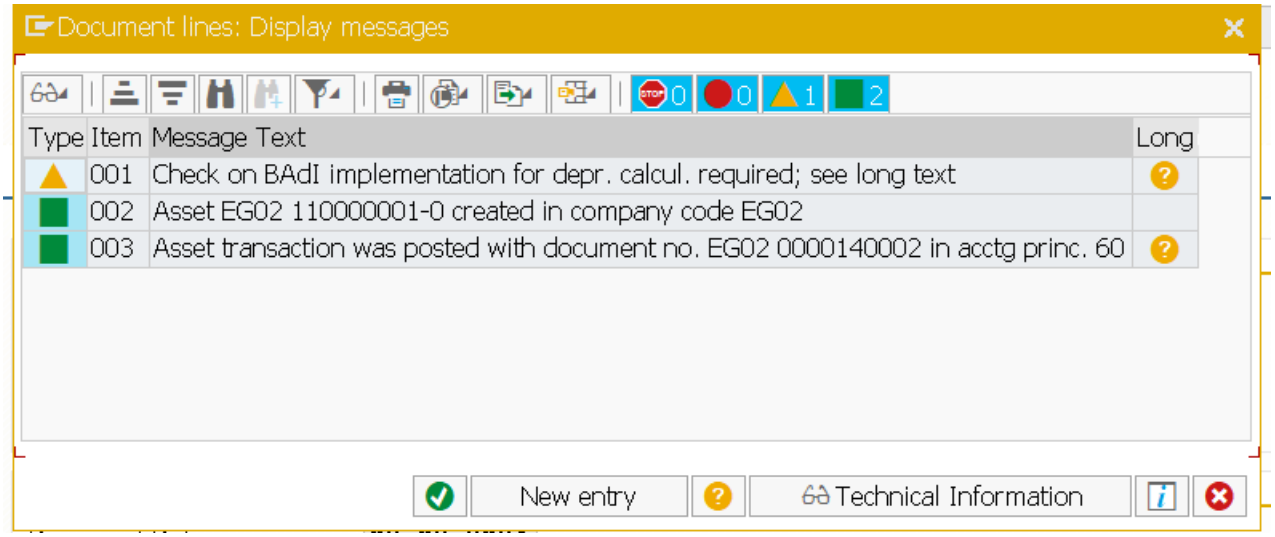
- Another error:



- Solution:



- **Result:**



Asset EG02 110000001-0 created in company code EG02

Asset transaction was posted with document no. EG02 0000140002 in acctg princ. 60

Ledger 0L

FiscalYear 2023 Period 9

CoCd	Item	L.item	Key	SG	Account	Description	Amount	Crcy	Local Crcy Amt	LCurr	Tx	Cost Center	Profit Center
EG02	1	000001	70		2000500	000110000001 0000	4,000.00	EGP	4,000.00	EGP			DUMMY
	2	000002	50		2000522	Asset Offsetting Acc	4,000.00-	EGP	4,000.00-	EGP			DUMMY

Line items

Type	Period	Ledger Grp	Ref. doc.	DocumentNo	Item	PK	BusA	Segment	Profit Ctr	G/L Acct	Short Text	Amount	Crcy	Cost Ctr	Order	WBS Elem.
SA	9	0L	1	140002	1	70			DUMMY	2000500	000110000001 0000	4,000.00	EGP			
SA	9	0L			2	50			DUMMY	2000522	Asset Offsetting Acc	4,000.00-	EGP			
				140002								0.00	EGP			
												0.00	EGP			

- **Asset Retirement with Revenue:**

- **Depreciation Run first so we can get accumulated depreciation deducted from the asset value:**

- Let’s run depreciation for period 9

Planned values | Posted values | Comparisons | Parameters

Posted dep. values Book depreciation

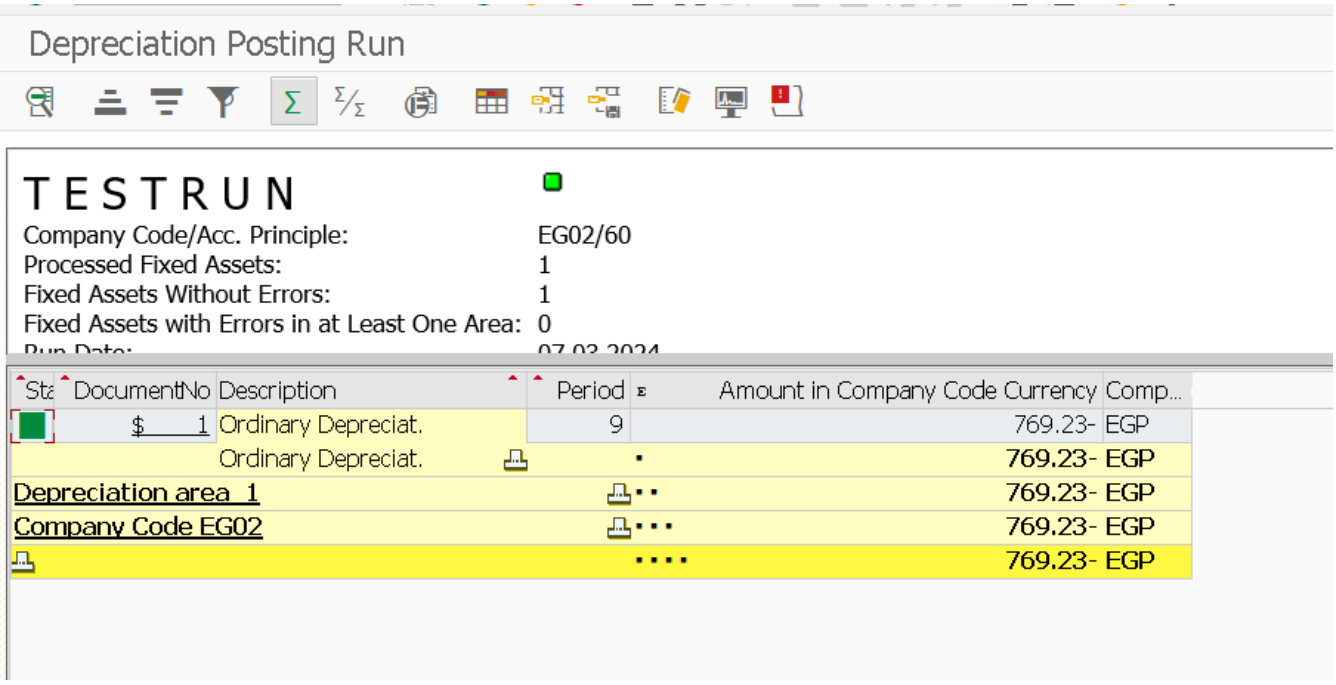
Value	Fiscal year start	Change	Posted values	Crcy
APC transactions		10,000.00	10,000.00	EGP
Investment support				EGP
Acquisition value		10,000.00	10,000.00	EGP
Ordinary Depreciat.				EGP
Unplanned Deprec.				EGP
Write-up				EGP
Value adjustment				EGP
Net book value		10,000.00	10,000.00	EGP

Depreciation posted/planned

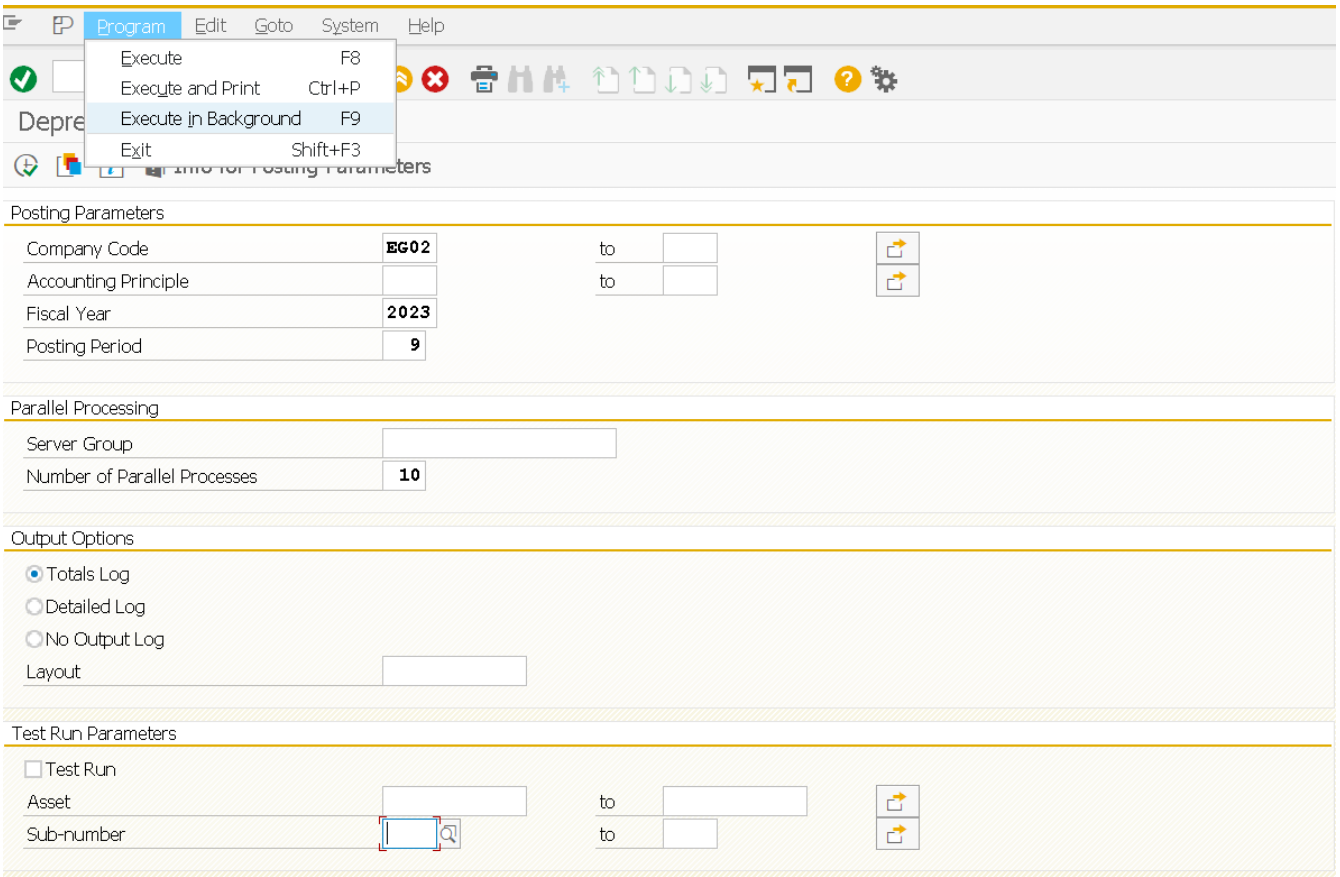
Status	Status	Per	Ord. Dep.	Uplnd Dep.	Reserves	Revaluat.	Crcy
Planned	Planned	9	769.23-	0.00	0.00	0.00	EGP
Planned	Planned	10	769.23-	0.00	0.00	0.00	EGP
Planned	Planned	11	769.23-	0.00	0.00	0.00	EGP
Planned	Planned	12	769.23-	0.00	0.00	0.00	EGP
			3,076.92-	0.00	0.00	0.00	EGP

- Depreciation run T-code: AFAB

test run seems everything is fine



Note (asset selection only possible in test run so in production you run depreciation on all assets in one company code at once)



Background job was scheduled for program FAA_DEPRECIATION_POST

Message No. DB715

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Graphical display of spool request 22518 in system S4D

Settings... Graphical Graphic Without Stru

U P D A T E R U N

Company Code/Acc. Principle:	EG02/60
Processed Fixed Assets:	2
Fixed Assets Without Errors:	2
Fixed Assets with Errors in at Least One Area:	0
Run Date:	07.03.2024

Status	DocumentNo	Description	Period	Amnt in CC	CompCdCrcy
	3000000008	Ordinary Depreciat.	9	1,538.46-	EGP
*		Ordinary Depreciat.		1,538.46-	EGP
** Depreciation area 01				1,538.46-	EGP
*** Company Code EG02				1,538.46-	EGP
****				1,538.46-	EGP

Ledger 0L

FiscalYear 2023 Period 9

CoCd	Item	L.item	Key	SG	Account	Description	Amount	Crcy	Local Crcy Amt	LCurr	Tx	Cost Center	Profit Center
EG02	1	000001	75		2000501	000110000000 0000	769.23-	EGP	769.23-	EGP			DUMMY
	2	000002	40		1000502	Depreciation Exp ELC	769.23	EGP	769.23	EGP		1000	DUMMY
	3	000003	75		2000501	000110000001 0000	769.23-	EGP	769.23-	EGP			DUMMY
	4	000004	40		1000502	Depreciation Exp ELC	769.23	EGP	769.23	EGP		1000	DUMMY

Line Item 2 / Debit entry / 40

Amount	769.23 EGP		
Tax Code			
Acct Assgmt Cat	CTR	Account Assignment	0000001000

Account Assignments

Business Area		Trdg Part.BA	
Cost Center	1000	Order	
Sales Order	0 0	Asset	110000000 0
WBS Element		Network	
Cost Object			More
Purchasing Doc.	0		
Quantity	0.000		
Value date	07.03.2024	Bline Date	
Assignment			
Text	AFB/01/2023/009		Long Text

SAP-FI-Case Study

Planned values | Posted values | Comparisons | Parameters

Posted dep. values Book depreciation

Value	Fiscal year start	Change	Posted values	Crcy
Acquisition value		10,000.00	10,000.00	EGP
Ordinary Depreciat.		769.23-	769.23-	EGP
Unplanned Deprec.				EGP
Write-up				EGP
Value adjustment				EGP
Net book value		9,230.77	9,230.77	EGP
Down payments				EGP

Status	Status	Per	Σ	Ord. Dep.	ΣUplnd Dep.	ΣReserves	ΣRevaluat.	Crcy
Posted	Posted	9		769.23-	0.00	0.00	0.00	EGP

02 Depreciation for G

Fiscal year 2023

Planned values | Posted values | Comparisons | Parameters

Posted dep. values Depreciation for Group Reporting

Value	Fiscal year start	Change	Posted values	Crcy
Acquisition value		1,000.00	1,000.00	USD
Ordinary Depreciat.		76.92-	76.92-	USD
Unplanned Deprec.				USD
Write-up				USD
Value adjustment				USD
Net book value		923.08	923.08	USD
Down payments				USD

Objects related to asset
- Vendor
  - Raya Electronics EG
- Cost Center
  - Production Cost Cntr
- G/L Account
  - Machines Fixed Assets
- Profit Center
  - Dummy Profit Center

Depreciation posted/planned

Status	Status	Per	ΣOrd. Dep.	ΣUplnd Dep.	ΣReserves	ΣRevaluat.	Crcy
Posted	Posted	9	76.92-	0.00	0.00	0.00	USD

- Run also affected the group reporting depreciation in USD currency.

Now with the asset retirement.

1- F-92 With Customer

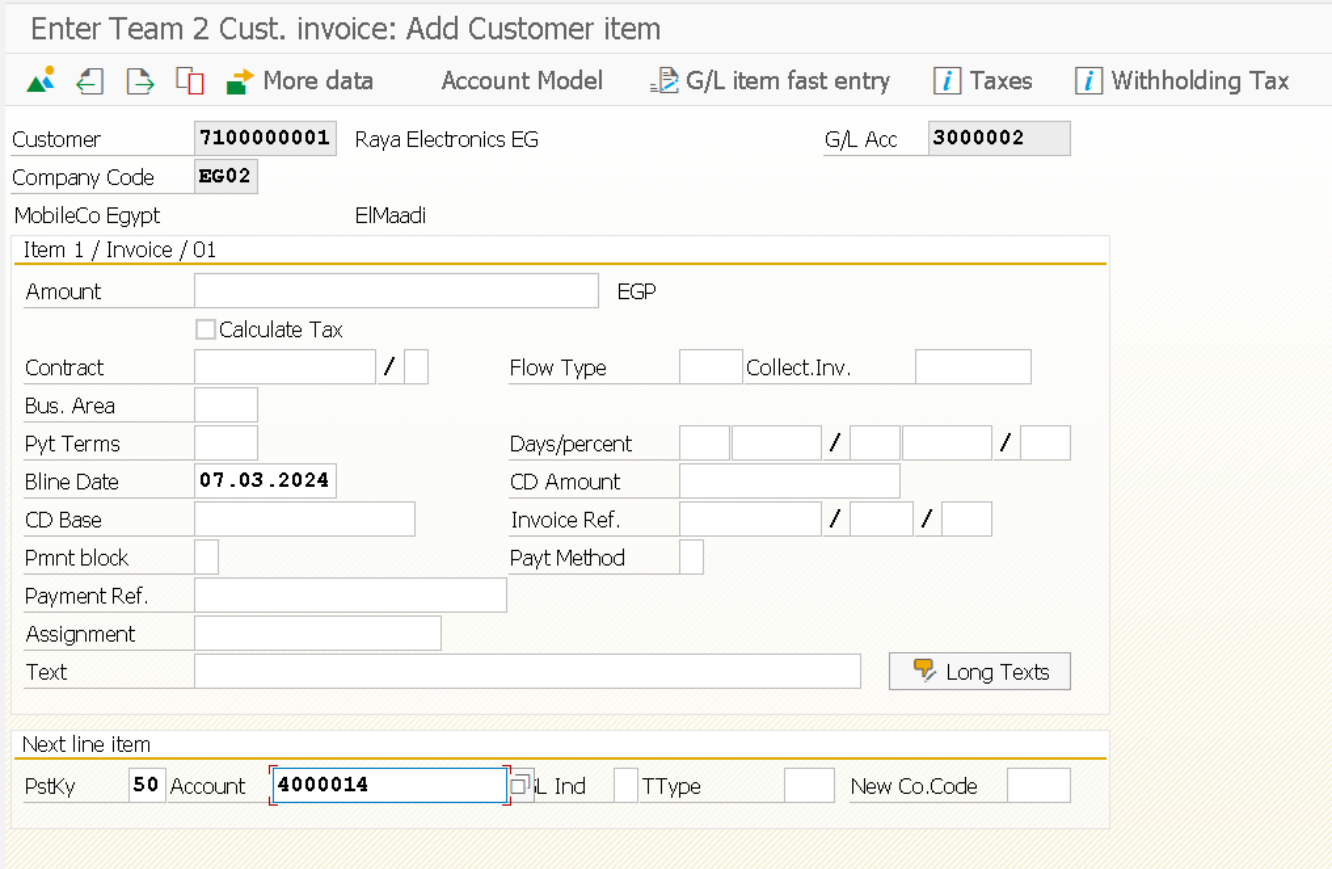
net book value of asset 110000001 is 9,230.77

let's say if we sold it for 8000 then we are going to occur loss.

Let's give it a try.

OA71

OA74



Asset revenue account P&L.

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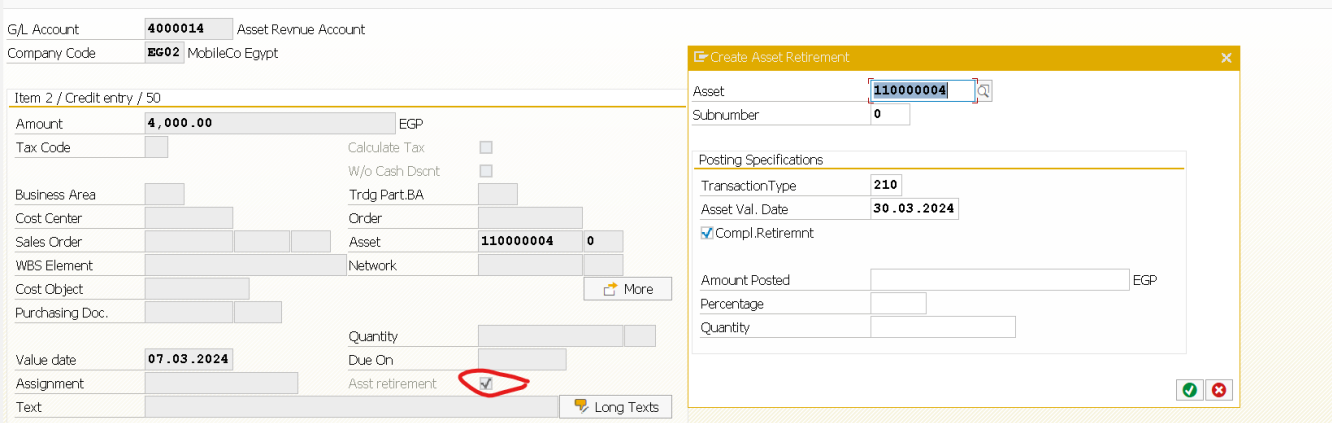
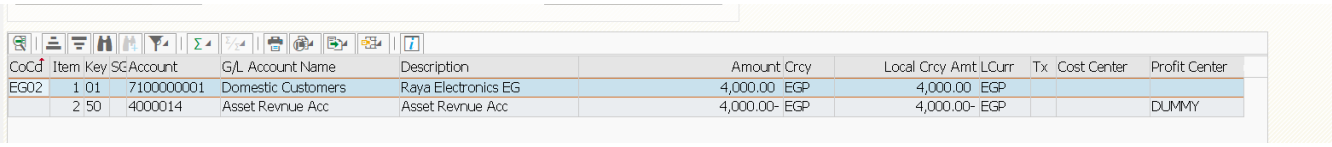
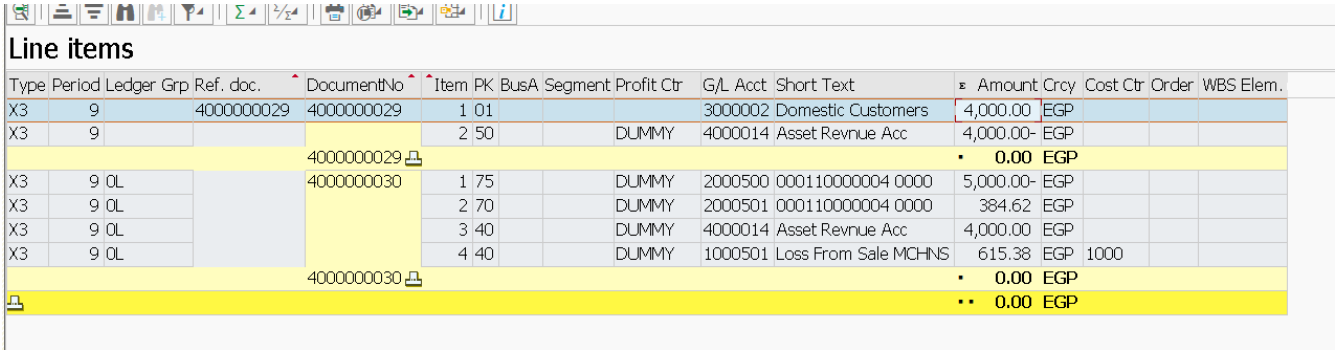


Document 4000000029 was posted in company code EG02



CoCd	Item	Key	SG	Account	G/L Account Name	Description	Amount	Crcy	Local Crcy Amt	LCurr	Tx	Cost Center	Profit Center
EG02	1	01		7100000001	Domestic Customers	Raya Electronics EG	4,000.00	EGP	4,000.00	EGP			
	2	50		4000014	Asset Revnue Acc	Asset Revnue Acc	4,000.00-	EGP	4,000.00-	EGP			DUMMY



Line items

Type	Period	Ledger Grp	Ref. doc.	DocumentNo	Item	PK	BusA	Segment	Profit Ctr	G/L Acct	Short Text	Amount	Crcy	Cost Ctr	Order	WBS Elem.
X3	9		4000000029	4000000029	1	01				3000002	Domestic Customers	4,000.00	EGP			
X3	9				2	50			DUMMY	4000014	Asset Revnue Acc	4,000.00-	EGP			
				4000000029								0.00	EGP			
X3	9	0L		4000000030	1	75			DUMMY	2000500	000110000004 0000	5,000.00-	EGP			
X3	9	0L			2	70			DUMMY	2000501	000110000004 0000	384.62	EGP			
X3	9	0L			3	40			DUMMY	4000014	Asset Revnue Acc	4,000.00	EGP			
X3	9	0L			4	40			DUMMY	1000501	Loss From Sale MCHNS	615.38	EGP	1000		
				4000000030								0.00	EGP			
												0.00	EGP			

Dr. Customer 4000

Dr. Accumulated 384.62

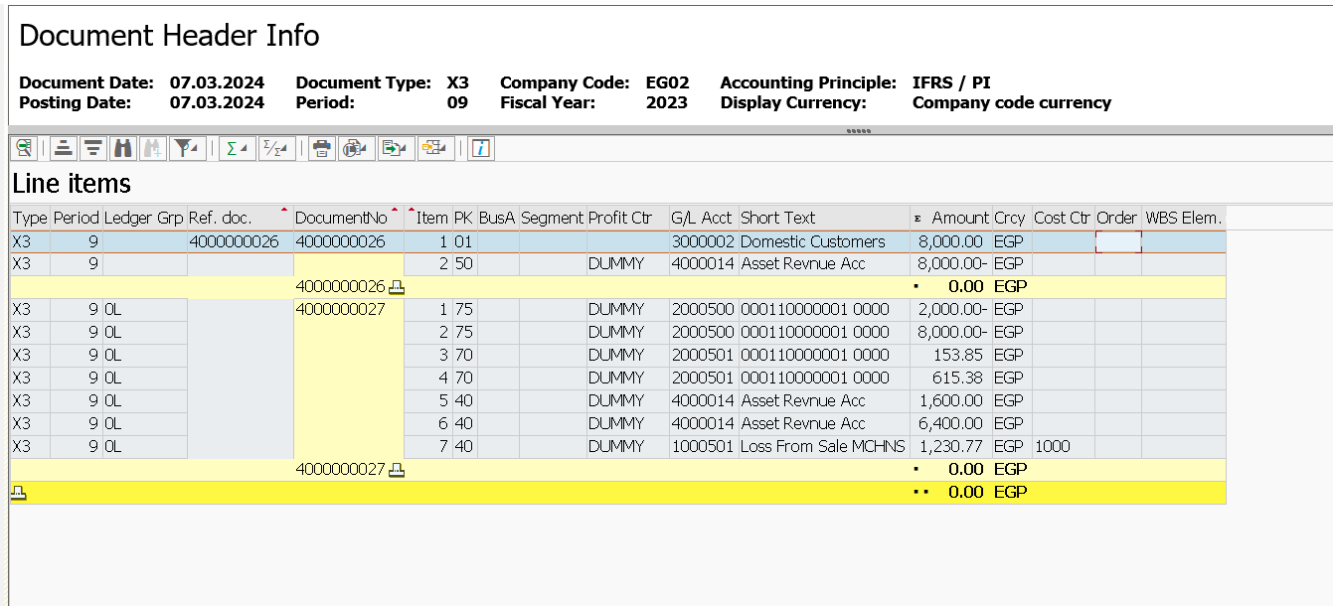
Dr. Asset Revenue 4000

Dr. Loss from sale of asset 615.38

Cr. Machine “Asset” 5000

Cr. Asset Revenue 4000

- ACSET > to derive the profit center from asset in ACP



Dr. Customer 8000

Dr. Accumulated 153.85

Dr. Accumulated 615.38

Dr. Asset Revenue 1600

Dr. Asset Revenue 6400

Dr. Loss from Sale 1230.77

Cr. Machine “Asset” 2000

Cr. Machine “Asset” 8000

Cr. Asset Revenue 8000

2- Asset retirement without customer

Enter Asset Transaction: Asset Sale Without Customer

Line Items | Change company code | Multiple assets | Addit. Asset Account Assignment

Company Code EG02 MobileCo Egypt
Asset 110000002 0 Cleaning Machine Room 120

Document lines: Display messages

Type	Item	Message Text	Long
▲	001	Check on BAdI implementation for depr. calcul. required; see long text	
●	002	Account KTERLW : Clearing Acct. Revenue from Ass' could not be found for area 01	
●	003	Error when creating document; further processing not possible	

Performance Assistant

Account 'KTERLW : Clearing Acct. Revenue from Ass' could not be found for area 01

Message No. AU133

Diagnosis

The system could **not** find account 'KTERLW : Clearing Acct. Revenue from Ass' for company code EG02 in depreciation area 01 when creating the journal entry.

Procedure

1. Check whether a G/L account is defined in the account determination of Asset Accounting (in Customizing for *Asset Accounting*, for example under **Assign G/L Accounts** or under **Define Offsetting Account for Legacy Data Transfer**)
2. Check whether the defined G/L account is created in your company code.
3. Define a G/L account or create the G/L account in your company code.

G/L Account 4000014
Company Code EG02 MobileCo Egypt

Type/Description | Control Data | Create/bank/interest | Key word/translation | Information (C/A)

Control in Chart of Accounts MO02 Mobile Company

G/L Account Type	Primary Costs or Revenue
Account Group	Revenues

Description

Short Text	Asset Revnue Acc
G/L Acct Long Text	Asset Revnue Account

Consolidation Data in Chart of Accounts MO02 Mobile Company

Trading Partner No.	

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Retirement account assignment

Loss Made on Asset Retirement w/o Reven.	1000500	Loss On Scrap ELCTRS
Clearing Acct. Revenue from Asset Sale	4000014	Asset Revnue Acc
Gain from Asset Sale	4000012	Gain From Sale MCHNS
Loss from Asset Sale	1000501	Loss From Sale MCHNS
Clear.revenue sale to affil.company		

Document lines: Display messages

Type	Item	Message Text	Long
▲	001	Check on BAdI implementation for depr. calcul. required; see long text	?
▲	002	Enter a true account assignment object with revenues	?
▲	003	Enter a true account assignment object with revenues	?
■	004	Asset transaction was posted with document no. EG02 0000140005 in acctg princ. 60	?

New entry | Technical Information

Text

Asset transaction was posted with document no. EG02 0000140005 in acctg princ. 60

Ledger 0L

FiscalYear 2023 Period 9

CoCd	Item	L.item	Key	SG	Account	Description	Amount	Crcy	Local Crcy Amt	LCurr	Tx	Cost Center	Profit Center
EG02	1	000001	75		2000500	000110000002 0000	2,000.00-	EGP	2,000.00-	EGP			DUMMY
	2	000002	40		4000014	Asset Revnue Acc	8,000.00	EGP	8,000.00	EGP			DUMMY
	3	000003	50		4000012	Gain From Sale MCHNS	6,000.00-	EGP	6,000.00-	EGP			DUMMY

- Another Attempt with depreciation and diff is loss

CoCd	Item	Key	SG	Account	G/L Account Name	Description	Amount	Crcy	Local Crcy Amt	LCurr	Tx	Cost Center	Profit Center
EG02	1	75		2000500	Machines	000110000003 0000	5,000.00-	EGP	5,000.00-	EGP			DUMMY
	2	70		2000501	Accumulated Dep MCHN	000110000003 0000	384.62	EGP	384.62	EGP			DUMMY
	3	40		4000014	Asset Revnue Acc	Asset Revnue Acc	4,000.00	EGP	4,000.00	EGP			DUMMY
	4	40		1000501	Loss From Sale MCHNS	Loss From Sale MCHNS	615.38	EGP	615.38	EGP		1000	DUMMY

3- Asset Retirement with Scrapping:

Enter Asset Transaction: Asset Retirement by Scrapping

Line Items | Change company code | Multiple assets | Addit. Asset Account Assignment

Company Code: EG02 MobileCo Egypt

Asset: 110000000 0 Phone-Holder Machine

Transaction data | Additional Details | Partial retirement | Note

Area Selection

Ledger

Accounting Principle

Depreciation Area

Basic Data

Document Date: 07.03.2024

Posting Date: 07.03.2024

Asset Value Date: 30.03.2024

Text

Asset transaction was posted with document no. EG02 0000140006 in acctg princ. 60

CoCd	Item	Key	SG	Account	G/L Account Name	Description	Amount	Crcy	Local Crcy Amt	LCurr	Tx	Cost Center	Profit Center
EG02	1	75		2000500	Machines	000110000000 0000	10,000.00-	EGP	10,000.00-	EGP			DUMMY
	2	70		2000501	Accumulated Dep MCHN	000110000000 0000	769.23	EGP	769.23	EGP			DUMMY
	3	40		1000500	Loss On Scrap ELCTRS	Loss On Scrap ELCTRS	9,230.77	EGP	9,230.77	EGP		1000	DUMMY