

# USER MANUAL



11/2018

SD Processes execution user manual

## User manual

SD Processes user manual

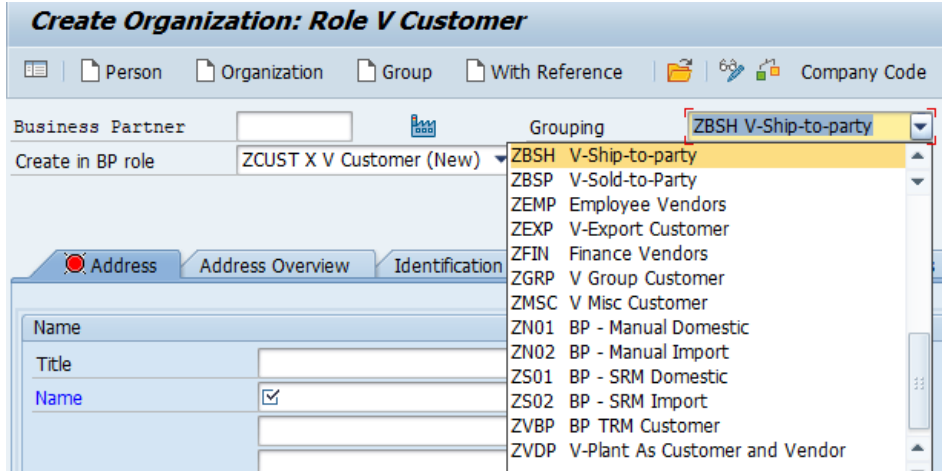
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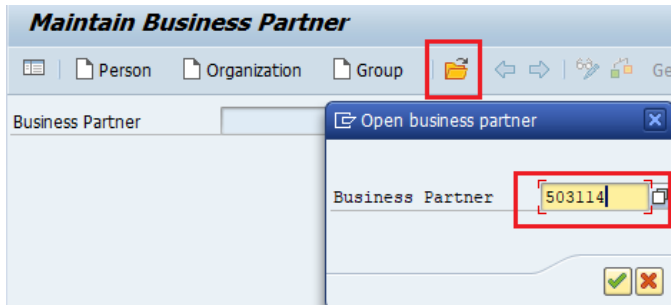
## Customer Master

Create, change or display customer master using new transaction code BP.

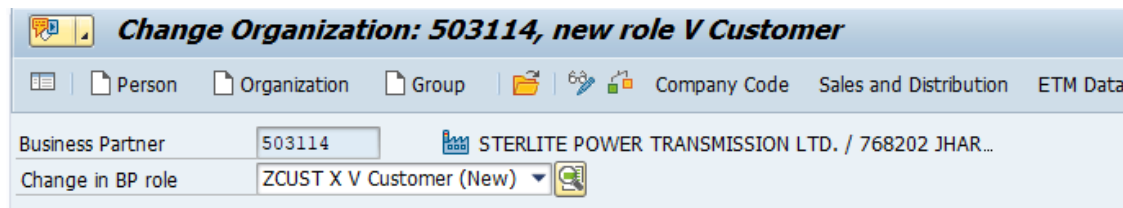
1. Creating new customer – Click on Organisation. Select role ZCUST and required grouping (sold to, ship to, export etc)



2. Change customer - Enter customer number and press enter



3. Select BP role ZCUST



4. Update GSTN number in Identification tab and PAN number in Country specific tab.

Business Partner: 503114 STERLITE POWER TRANSMISSION LTD. / 768202 JHAF  
Change in BP role: ZCUST X V Customer (New)

Address Address Overview Identification Control Payment Transactions Status

External BP Number

Tax Numbers

Natural Person

Category	Name	Tax Number
IN3	India: GST Identification Number (GSTIN)	21AAVCS7209P12N

Business Partner: 503114 STERLITE POWER TRANSMISSION LTD. / 768202 JHAF  
Change in BP role: ZCUST X V Customer (New)

Customer: Texts Customer: Ctry-Spec. Enh.

India: Withholding Tax

PAN: AAVCS7209P

PAN Reference

For sales org related and Company code data select related tab.

- 5. Maintenance of credit data - Select role UKM000. This can also be accessed using transaction code UKM\_BP

Business Partner: 503114 STERLITE POWER TRANSMISSION LTD. / 768202 JHAF  
Change in BP role: UKM000 SAP Credit Management

- 6. Select applicable check rule from drop down.

Business Partner: 503114 STERLITE POWER TRANSMISSION LTD. / 768202 JHAF  
Change in BP role: UKM000 SAP Credit Management

Address Address Overview Identification Control

Scoring

Rules: B2B-NEW Rule for New Business C... Score for

Score: 0 Valid To

Risk Class: B Low Default Risk Calculated

Check Rule: [Dropdown menu]

- 01 Default - All Checks Active (Stat. Credit Limit)
- 02 Credit Limit Check Only (Statistical)
- 03 Credit Limit Check Only (Dynamic)
- Z1 BALC - Checks Active (Stat. Credit Limit)
- Z2 VALC - Checks Active (Stat. Credit Limit)
- Z3 TSPL - Checks Active (Stat. Credit Limit)

- 7. Click on Credit segment data for maintenance of credit limit.

The screenshot shows the SAP 'Credit Segment Data' configuration interface. At the top, the 'Credit Segment Data' tab is active. The 'Business Partner' is '503114' and the 'Change in BP role' is 'UKM000 SAP Credit Manage...'. The 'Credit Segment' is set to '1000 BALCO Credit Segment(New)'. Below this, there are tabs for 'Credit Limit and Control', 'Payment Behavior Key Figures', and 'KPI Payment Behavior'. The 'Credit Limit' section is expanded, showing 'Rules' set to 'B2B-NEW Rule for New Bu...' and 'Limit Defined' selected. The 'Limit' is '1.00' INR. The 'Valid To' field is empty.

**Note:** Customer numbers are same as in legacy system. New customer number will be created only for customer with in range 1-999.

Customer are nto required for extended in distribution channel 20. Extension in 10 will enable default extension in dist channel 20.

Customer are not required to be extended in Division 15, 20, 25, 30, 35 and 45. Extension in division 10 will enable default extension in mentioned divison.

## Organsation structure

### 1. Sales organization

---

Sales org	Description	Company Code
1001	Balco	BALC
2001	VAL-Lanjigarh	VALC
3001	VAL-Jharsuguda	VALC
3003	VAL-Jharsuguda-SEZ	VALC
4001	TSPL	TSPL

## 2. Distribution Channel

Code	Description
10	SALES FROM FACTORY
15	DEEMED EXPORT
20	SALES FROM DEPOT
30	EXPORTS
50	POWER
70	HIGH SEAS
99	STOCK TRANSFER

## 3. Division

Code	Description
10	INGOTS
15	ALLOY INGOTS
20	RODS
25	BILLETS
30	ROLLED PRODUCT
35	SLAB
40	SCRAP
45	BUS BAR
47	COAL ASH
50	BY PRODUCTS
51	MOLTEN ALUMINIUM
60	ALUMINA
70	POWER
84	MINES
85	COMMON
90	ASSET
99	STOCK TRANSFER

## 4. Sales Office

Code	Description
AF01	Africa Export
AS01	Asia Export

AU01 Australia Export  
EI01 Eastern India  
EU01 Europe Export  
LA01 Latin America Export  
NI01 North India  
SI01 Southern India  
US01 US Export  
WI01 Western India

## 5. Plant codes

Code	Plant Description	Sales org
1002	CG Bauxite - Kawardha Mines	1001
1003	CG Bauxite - Mainpat Mines	1001
1101	BALCO - PLANT I	1001
1102	BALCO - PLANT II	1001
1201	BALCO - CPP I	1001
1202	BALCO - CPP II	1001
1203	BALCO - CPP III	1001
1204	BALCO - IPP	1001
1301	BALCO - JAIPUR DEPOT	1001
1302	BALCO - FARIDABAD DEPOT.	1001
1303	BALCO - NAGPUR DEPOT.	1001
1304	BALCO - BANGALORE DEPOT	1001
1305	BALCO - DELHI DEPOT	1001
1306	BALCO - SILVASSA DEPOT	1001
1307	BALCO - CHENNAI DEPOT	1001
1308	BALCO - VADODARA DEPOT	1001
1309	BALCO - SECUNDERABAD DEPOT	1001
1310	BALCO - RAIPUR DEPOT	1001
1311	BALCO - KOLKATA DEPOT	1001
1312	BALCO - PUNE DEPOT	1001
2001	BAX CAP MINING	2001
2002	BAX JV MINING	2001
2101	LAN OPR	2001
2201	LAN CPP	2001
2401	LAN EXP PROJ	2001
3101	SMELTER-I JHARSUGUDA	3001
3102	SMELTER-II- JHARSUGUDA	3003
3103	KAKINADA	3001
3201	CPP 1215 MW JHARSUGUDA	3001
3202	IPP 600 MW JHARSUGUDA	3001
3203	CPP 1800 MW JHARSUGUDA	3001
3301	JAIPUR DEPOT	3001

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3302	FARIDABAD DEPOT	3001
3303	NAGPUR DEPOT	3001
3304	BANGALORE DEPOT	3001
3305	DELHI DEPOT	3001
3306	SILVASSA DEPOT	3001
3307	CHENNAI DEPOT	3001
3308	VADODARA DEPOT	3001
3311	KOLKATA DEPOT	3001
3312	HYDERABAD DEPOT	3001
3502	IPP PROJECT JHARSUGUDA	3001
4201	TSPL OPR	4001
4502	TSPL COAL WAHSERY	4001

## 6. Order Types

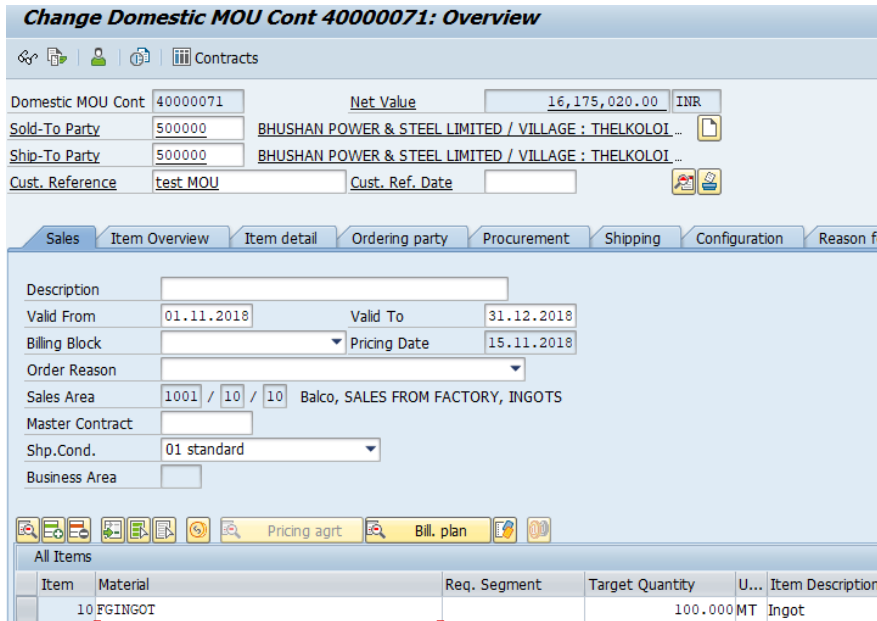
ZAST	Asset Sale Order
ZBG	Dom Sales Order BG
ZCG	V-Fact CG Bauxite
ZCQ	Domestic Contract
ZCQS	Scrap Contract
ZCR	V Credit memo req
ZCR1	V Cr req w/o ref
ZDR	V Debit memo req
ZDR1	V Dr req w/o ref
ZECQ	Exp Sale Contract
ZFOC	FOC sales order
ZJOB	Job work Sales Order
ZKB	Exp Dispatch Order 1
ZKE	Exp Dispatch Order 2
ZLC	Dom Sales Order LC
ZMFG	Dom Mfg Order RP
ZMOU	Domestic MOU Cont
ZOR	Domestic Sales Order
ZPOR	Exp Planning Order
ZPOW	Power Sales Order
ZRE	Return Order
ZSCR	Scrap Sales Order
ZUNS	Dom Unsecured Order

## Sales Process

### 1. Domestic Sales



- 1.1. Create MOU contract if applicable using transaction code Va41 and Contract type ZMOU



Contract should be created on Parent customer code. Related entities will be assigned as AA partner in customer master data.  
 Normally MOU contract doesn't contain specific product code hence generic dummy product codes are created (INGOT, ALLUMIUM, BILLET, WIREROD)

- 1.2. Create sales order with reference to MOU contract or Without reference

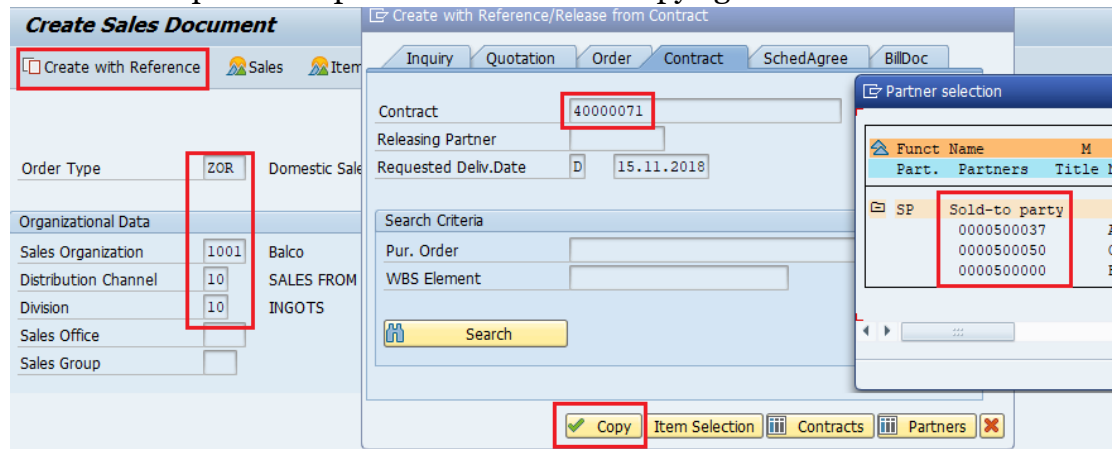
- a) With reference to MOU Contract

Go to transaction code VAO1. Update required order type (ZLC,ZBG, ZOR, ZUNS) and Sales area.

Click on Create with reference

Update the contract number and click on copy

Select the required AA partner and click on copy again



Select the specific product code to be dispatched. (Product selection list based on generic product codes should be maintained via transaction code VB11/VB12 for Determination type ZA01.)

Material Substitution for FGINGOT: Select a Material

Sustitution reason : 0005 Manual matl selectn

Material entered

Requested deliv. qty

Material	Item De
IP11997	ALUMINI
IP11998	ALUMINI
IP91997	ALUMINI
IP92997	ALUMINI

---

**Create Domestic Sales Order: Overview**

Domestic Sales Ord...  Net Value

Sold-To Party  ANAM ELECTRICAL MANUFACTURING / KADIYAM DEPT. OF T...

Ship-To Party  ANAM ELECTRICAL MANUFACTURING / KADIYAM DEPT. OF T...

Cust. Reference  Cust. Ref. Date

Sales | Item Overview | Item detail | Ordering party | Procurement | Shipping | Configuration

Req. Deliv.Date   Deliver.Plant

Complete Div.  Total Weight

Delivery Block  Volume

Billing Block  Pricing Date

Pyt Terms  Pay immediately w/o deduction

Inco. Version

Incoterms

Inco. Location1

Group

Item	Material	Req. Segment	Order Quantity	Un
10	IP11997		100.000	MT

b) Create without reference

Go to transaction code VA01. Update required order type (ZLC,ZBG, ZOR, ZUNS) and Sales area.

Enter required customer , material , quantity, Inco term, Plant code, Payment terms, PO reference, Shipping type and other mandatory fields.

Domestic Sales Ord...	2100000116	Net Value	1,652,040.00	INR
Sold-To Party	500037	ANAM ELECTRICAL MANUFACTURING / KADIYAM DEPT. OF T...		
Ship-To Party	500037	ANAM ELECTRICAL MANUFACTURING / KADIYAM DEPT. OF T...		
Cust. Reference	test Order	Cust. Ref. Date		

Sales Item Overview Item detail Ordering party Procurement Shipping Configuration

Requested Deliv.Date D 15.11.2018 Delivering Plant

All Items

Item	Material	Req. Segment	Order Quantity	Un
10	IP11997		10.000	MT

For LC orders financial document should be specified (Order header- Billing document. Update payment guarantee procedure as 000001 and press f4 to select the required document number.

Dom Sales Order LC		Customer Reference	test Order
Sold-to party	500000	BHUSHAN POWER & STEEL LIMITED / VILLAGE : THELKOL...	

Sales Shipping Billing Document Payment cards Accounting Conditions Acco

Risk Management

Paymt Guarant. Proc.	000001	Trade Finance
Financial Doc. No.		Depreciation % 0.00 %

Post price validation. Save and Release the order.

- 1.3. Create customer specific batch requirement using transaction code vch1/vch2 if required. (This will be validate again batch selected on OBD)

Strategy info Key combination

Strategy type ZSD1

Key Combination

Customer/Plant/Material

Customer/Material

Selection criteria Sort

Customer	500037	ANAM ELECTRICAL MANUFACTURING
Plant	1101	BALCO - PLANT I
Valid From	15.11.2018	
Valid To	31.12.9999	

Customer/Plant/Material

Material	Description	N...
IP11997	ALUMINIUM INGOT EC 99.7% -P1020	

Click on selection criteria to specify characteristic details and save.

Assignments	
Class	Description
INGOT	INGOT

Values for Class INGOT - Object \$00000001	
General	
Characteristic Description	Value
Aluminium, Al	
Boron, B	
Calcium, Ca	

1.4. Create outbound delivery with reference to sales order using transaction code VLO1n.

Shipping Point

---

Sales Order Data

Selection Date

Order

Add batches as per the standard process and add gateentry number/rake number depending on road/rake dispatch.

Based on Incoterm OBD will be auto relevant or not relevant for shipment.

If relevant for shipment, specify Forwarding agent at header(partner) for rake dispatch & for road dispatch this will be auto populated based on gate entry.

**Outbound Delivery 80000614 Change: Overview**

Outbound Deliv.  Document Date

Ship-to party  ANAM ELECTRICAL MANUFACTURING / KADIYAM DEPT. OF THE INDIA FRUITS P / 5331

TransptnPlann  00:00 Route  Northern Route

Trns.Plan.Stat.  Open Transp.Planning Route Schedule

Item	Material	Gross Weight	Un	Volume	V...	Deliv. Qt
10	IP11997	0.000	MT	0	M3	0.972

Ship-to party  ANAM ELECTRICAL MANUFACTURING / KADIYAM DEPT. OF THE INDIA FRUITS P / 5331

Display Range

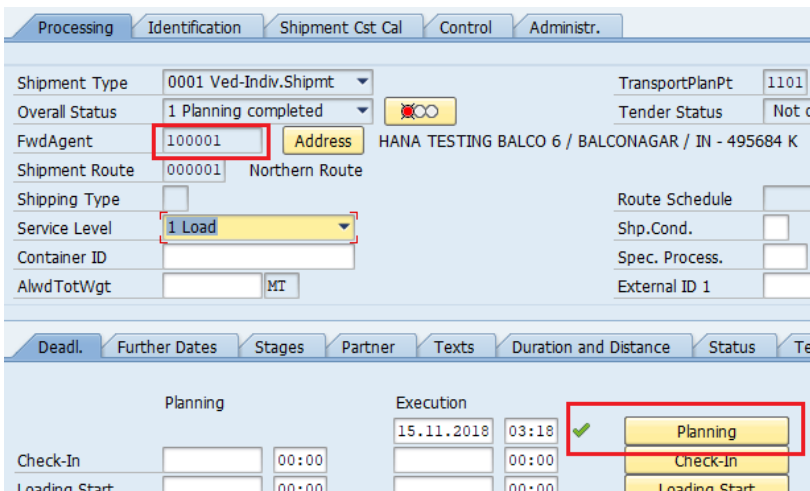
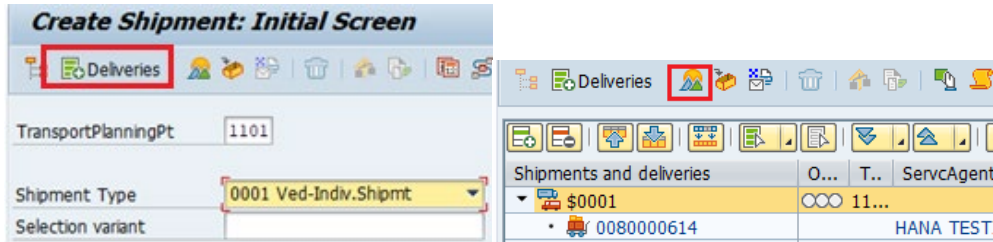
Partn.Funct.	Partner	Name
AG Sold-to party	500037	ANAM ELECTRICAL MANUFACTURING / KADIYAM DEPT. OF THE INDIA FRUITS P / 5331
SP Forwarding Agent	100001	HANA TESTING BAL...
WE Ship-to party	500037	ANAM ELECTRICAL MANUFACTURING / KADIYAM DEPT. OF THE INDIA FRUITS P / 5331

Perform PGI if not relevant for shipment.

1.5. Create shipment

Go to transaction code VTO1n. Shipment type 0007 should be selected only for SEZ. For other case select 0001. Transportation planning point should be as per the plant code

Click on add delivery. Specify OBD number & execute then Click on Overview icon.

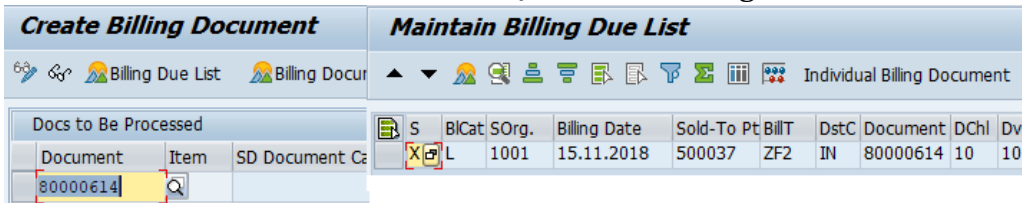


Set document till shipment completion and save. PGI will be done background.

For mass processing of shipment cost use transaction code VIO4 and VIO5 transaction codes.

1.6. Create billing document

Go to transaction code VFO1 or VFO4 and save billing document.



1.7. To take print out of tax invoice use transaction code ZSD\_TAX

1.8. Credit or Debit note can be created with reference to original billing document incase of price correction using Transaction code VAO1 and order type ZDR/ZCR.

1.9. For Return use order type ZRE with reference to billing document

1.10. Go to T code Va01 specify order type and select reference billing document

The screenshot shows the SAP Va01 transaction interface. On the left, the 'Organizational Data' section includes fields for Sales Organization (1001), Distribution Channel (10), Division (10), Sales Office, and Sales Group. A 'Create with Reference' dialog box is open, showing a 'Billing Document' field with the value 95000358 and search criteria for 'Sold-to party' and 'Material'. Below this, the main transaction screen displays 'Return Order' (blank), 'Net Value' (160,578.00 INR), 'Sold-To Party' (500037), 'Ship-To Party' (500037), and 'Cust. Reference' (Customerreturn). The 'Order Reason' dropdown is set to '102 Damaged in transit'. The 'All Items' table at the bottom shows one item with material 20 IP11997 and an order quantity of 0.972.

1.11. Create return Delivery using T code VLO1n and perform PGR.

1.12. Create Return Credit Note using Tcode VFO1.

2. Export Process

2.1. Create NEP/Contract

Go to transaction code ZSD\_NEP enter required details and click on post.

**NEP Contract Details**

Post Change

NEP and Contract Details

Sales Organization: BALC  
 Customer Number: 0000800000 ALTECH ALUMINIUM INDUSTRIES LT  
 Material Number: FGIINGOT  
 Ingot  
 Material description: MATERIAL TEXT  
 Target Quantity( MT ): 1,500.000  
 Incoterms: CIF  
 Valid-From Date: 01.11.2018  
 Valid-To Date: 31.01.2019

Port Of Discharge	Exe Pricing Type	Value Pricing ...	Freight up Charge	Fixed Value
ORAN, ALGERIA	MJP Spot MJP	MLH Monthl..	10.00	10.00
LOBITO, ANGOLA	MJP Spot MJP	MLA Monthl..	10.00	10.00-

LME Pricing Type: M0 Average LME Cash Settlement Price for the month of scheduled shipment  
 Tentative premium: 1,000.00 PREMIUM TEXT  
 Terms of Payment: CAFD  
 Tolerance: 1.0  
 Tentative inland freight: 10.00  
 Tentative ocean freight: 20.00  
 Tentative export benefit: 10.00  
 Commission: 30.00  
 NEP Price: 1,010.00

Month With Quantity

Month Name	Min Quantity	Max Quantity
November-2018	1,000.000	1,000.000
December-2018	1,000.000	1,000.000
January-2019	1,000.000	1,000.000



NEP Details will be entered through Web portal or mobile app. This will trigger approval process. For NEP entered directly in SAP, this should be pre-approved.

For amendment in contract, click on change button, enter required details and save.

2.2. Contract/Contract amendment print

Contract - Go to transaction code ZSD\_EXCONTRACT

Amendment – Go to transaction code ZSD\_EXAMEND

2.3. Create planning order for the month

Go to transaction code VA01, use order type ZPOR. Click on with reference to contract and click on copy.

Update the request delivery date as month M 11.2018

**Create Sales Document**

Create with Reference Sales Item Overview

Order Type: ZPOR

Organizational Data

Sales Organization  
 Distribution Channel  
 Division  
 Sales Office  
 Sales Group

Create with Reference/Release from Contract

Contract: 40000072

Releasing Partner  
 Requested Deliv.Date: D 15.11.2018

Search Criteria

Pur. Order  
 WBS Element

Search

Select the specific material code

Material Substitution for FGINGOT: Select a Material

Substitution reason : 0005 Manual matl selectn

Material entered: FGINGOT

Requested deliv. qty: 1,500.000 MT

Requested deliv.date: 15.11.2018

Material	Item Descript.
IP11997	ALUMINIUM INGOT EC 99.7% -P1020

Go to header --> additional tab B for updating terms of order.

Pre QP Calendar Y/M

LME Pricing Type: M0

QP Calendar Y/M: 201811

LME Oth Type: [Dropdown]

Date Low Range: [ ] To [ ]

Premium Calendar Y/M: 201811

Port of Discharge: LOBITO, ANGOLA

Exe Pricing Type: MJP

Value Pricing Type: MLA

Freight Up charge: 10.00

Fixed Value: 10.00-

Check:

Price for Premium and QP with automatically calculated based on predefined logic.

If any material upcharge is present same need to be maintained for condition type ZUPC based on contract.

Condition Information Key Combination Select Using Index

Condition type: ZUPC

Key Combination: SD Document/Material

Save the Planning order.

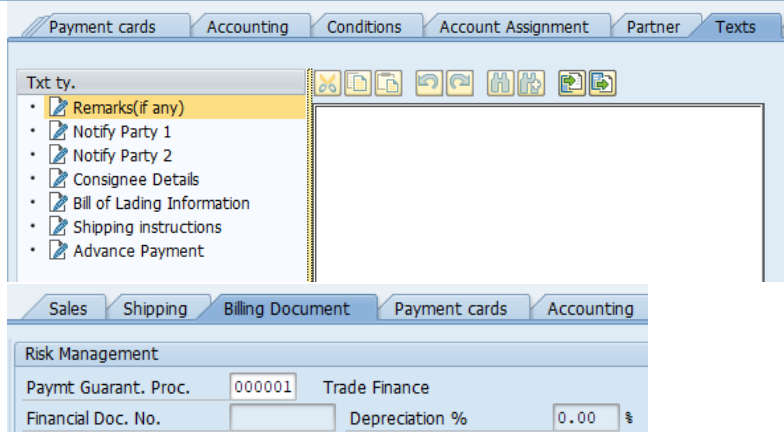
2.4. Create Payment instrument

Go to transaction code VFO1. Provide the planning order number and save the document.

Take print out of PI using transaction code ZSD\_PI

- 2.5. Update payment details, Consignee, notify party1, notify party 2 and B/L instruction in header text. For LC case assign the financial document number on the header of planning order and save the order.

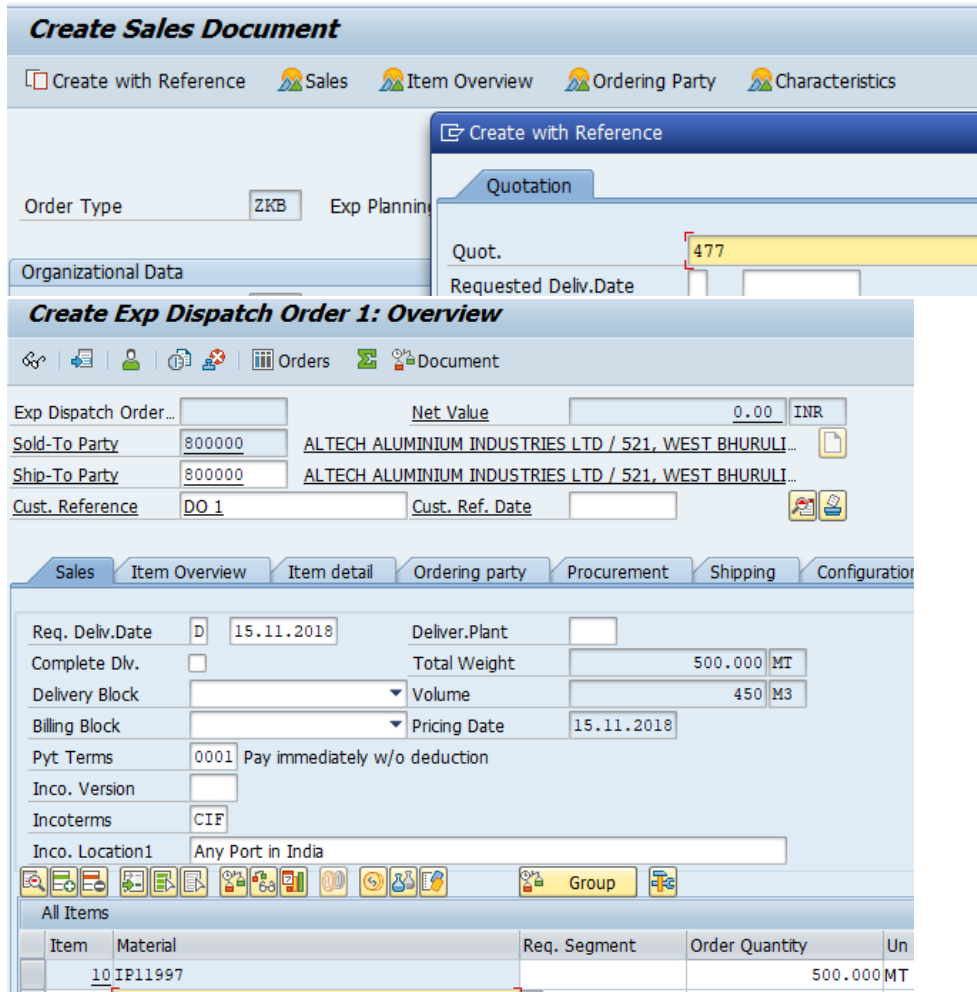




2.6. Create Dispatch order 1

Go to transaction code Vao1, using order type ZKB. Provide the planning order number and excute.

Update the quantity, Inco terms as required. Save and release the order.



2.7. Create Delviery for First cycle.

Go to transaction code VLO1n.

**Export Cycle 1 Create: Overview**

Post Goods Issue    Display JIT Calls

Outbound Deliv.     Document Date   
 Ship-to party     ALTECH ALUMINIUM INDUSTRIES LTD / 521, WEST BHURULIA / 500 GAZIPUR

Item Overview    Picking    Loading    Shipment    Status Overview    Goods Movement Data

Planned GI         Total Weight       
 Actual GI Date         No. of Packages

Item	Material	Deliv. Qty	Un	Description
10	IP11997	501.000	MT	ALUMINIUM INGOT EC 99.7% -P1020

Update required batches, perform picking and save the delivery and perform PGI. For container/rake cases, select the container number. System will give warning message id FIFO based batch not selected.

Shipment process if relevant will remain same as domestic process.

2.8. Create Dispatch Invoice.

Go to transaction code VFO1 using OBD number create Dispatch Invoice.

**Exp Desp Inv Plant 90000240 (ZE2) Change: Overview of Billing Item.**

Accounting    Billing Documents

ZE2 Exp Desp Inv Pla...     Net Value       
 Payer     ALTECH ALUMINIUM INDUSTRIES LTD / 521, WEST ...  
 Billing Date

Item	Material	Item Description	Billed Quantity	Un
10	IP11997	ALUMINIUM INGOT EC 99.7% - ...	0.000	MT
11	IP11997	ALUMINIUM INGOT EC 99.7% - ...	0.978	MT

2.9. Create Customs Invoice

Go to transaction code VFO1 using OBD number to create Custom invoice.

**Custom Inv (ZCI) Create: Overview of Billing Items**

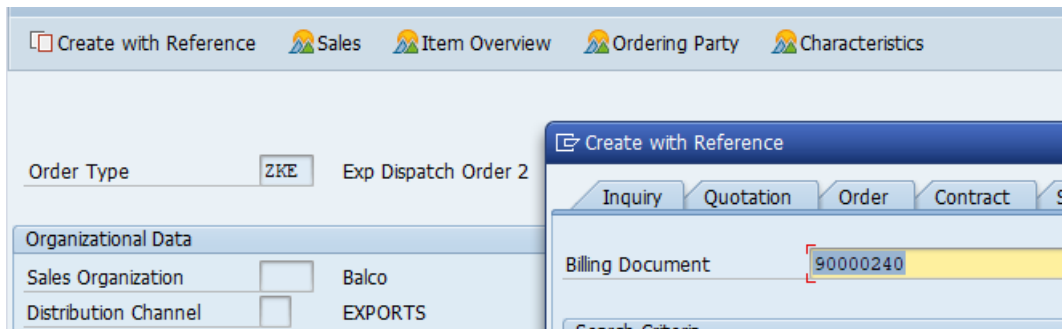
Billing Documents

ZCI Custom Inv     Net Value       
 Payer     ALTECH ALUMINIUM INDUSTRIES LTD / 521, WEST ...  
 Billing Date

Item	Material	Item Description	Billed Quantity	Un
10	IP11997	ALUMINIUM INGOT EC 99.7% - ...	0.000	MT
11	IP11997	ALUMINIUM INGOT EC 99.7% - ...	0.978	MT

2.10. Create Second cycle Disptach Order

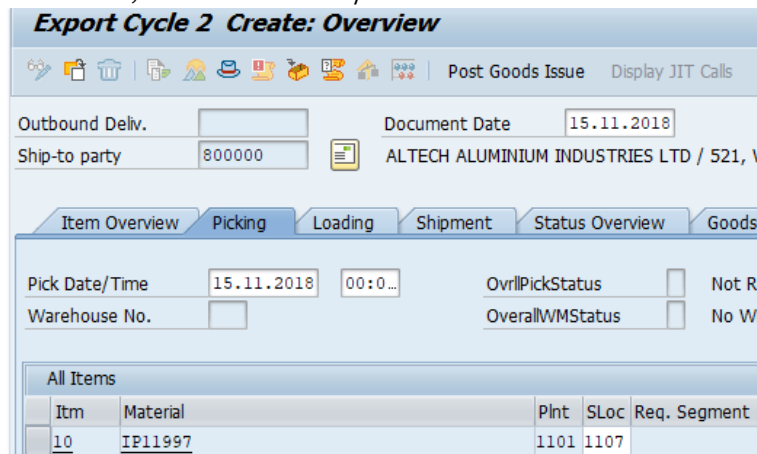
Go to transaction code VAO1 and create order ZKE with reference to custom invoice.



2.11. Create second cycle OBD.

Go to transaction code VLO1n and create second OBD.

For ocean dispatches, update the vessel number, B/L number, voyage number, E-Seal No. , Seal No. and B/L date.



Save the document and perform PGI.

2.12. Create Export invoice (provisional/final depending on QP and Premium)

Go to Transaction code VF01 using second cycle OBD save the billing document. Prices will be auto calculated at the time of billing.



2.13. Create Printout using transaction code ZCOM\_EXP.

### 3. Scrap/Ash Sales

3.1. Create Contract ZCQS if required using transaction code VA41.

Scrap Contract	370	Net Value	1,000.00	INR
Sold-To Party	500000	BHUSHAN POWER & STEEL LIMITED / VILLAGE : THELKOLOI ...		
Ship-To Party	500000	BHUSHAN POWER & STEEL LIMITED / VILLAGE : THELKOLOI ...		
Cust. Reference	Test PO#.	Cust. Ref. Date	28.09.2018	

Description			
Valid From	28.09.2018	Valid To	31.12.2018
Billing Block		Pricing Date	28.09.2018
Order Reason			
Sales Area	4001 / 10 / 47	TSPL, SALES FROM FACTORY, COAL ASH	
Master Contract			
Shp.Cond.	01 standard		
Business Area			

Item	Material	Req. Segment	Target Quantity	U...
	109990241		1.000MT	

3.2. Maintain Contract/Material specific price  
Go to transaction code VK11 for condition type ZASH/ZSCR.  
Select combination SD document/Material  
Maintain price and save.

**Change Condition Records**

Condition Information    Key Combination    Select Using Index

Condition type    ZSCR    Material Upcharge    **SD Document/Material**

3.3. Create sales order using order type ZSCR with or without reference to Contract

**Display Scrap Sales Order 371: Overview**

Scrap Sales Order 371 Net Value 1,000.00 INR

Sold-To Party 500000 BHUSHAN POWER & STEEL LIMITED / VILLAGE : THELKOLOI...

Ship-To Party 500000 BHUSHAN POWER & STEEL LIMITED / VILLAGE : THELKOLOI...

Cust. Reference Test PO# Cust. Ref. Date 28.09.2018

Sales Item Overview Item detail Ordering party Procurement Shipping Configuration

Req. Deliv.Date D 28.09.2018 Deliver.Plant

Complete Div. Total Weight 1.000 MT

Delivery Block Volume 0.000

Billing Block Pricing Date 28.09.2018

Pyt Terms 0001 Pay immediately w/o deduction

Inco. Version

Incoterms PRE

Inco. Location1 Destination

All Items

Item	Material	Req. Segment	Order Quantity	Un
10	9990241		1.000	MT

3.4. Create Outbound delivery (transaction code VLO1n), perform Picking and PGI. Create shipment if required. For shipment cases, PGI will be done automatically.

**Outbound Delivery 8000278 Display: Overview**

Outbound Deliv. 80000278 Document Date 28.09.2018

Ship-to party 500000 BHUSHAN POWER & STEEL LIMITED / VILLAGE : THELKOLOI / 76

Item Overview Picking Loading Shipment Status Overview Goods Movement Data

Planned GI 28.09.2018 00:0... Total Weight 1.000 MT

Actual GI Date 28.09.2018 18:42 No. of Packages 0

All Items

Itm	Material	Deliv. Qty	Un	Description
10	9990241	1.000	MT	FLY ASH

3.5. Create Billing using transaction code VF01

**Scrap Invoice 90000156 (ZVSC) Display: Overview of Billing Items**

Accounting | Billing Documents

ZVSC Scrap Invoice | 90000156 | Net Value | 1,000.00 | INR

Payer | 500000 | BHUSHAN POWER & STEEL LIMITED / VILLAGE : TH...

Billing Date | 28.09.2018

Item	Material	Item Description	Billed Quantity
	109990241	FLY ASH	

3.6. Take print out using transaction code ZSD\_SCRAP.

#### 4. Job Work

4.1. Create sales order VA01 using order type ZJOB

**Display Job work Sales Order 9070000000: Overview**

Orders

Job work Sales Ord... | 9070000000 | Net Value | 18,000,000.00 | INR

Sold-To Party | 500108 | BHARAT ALUMINIUM LIMITED COMPANY / Balco township Kor...

Ship-To Party | 500108 | BHARAT ALUMINIUM LIMITED COMPANY / Balco township Kor...

Cust. Reference | test | Cust. Ref. Date | 07.09.2018

Sales | Item Overview | Item detail | Ordering party | Procurement | Shipping | Configuration

Req. Deliv. Date | D | 07.09.2018 | Deliver. Plant |

Complete Div. |  | Total Weight | 1,000.000 | MT

Delivery Block |  | Volume | 0.000 |

Billing Block |  | Pricing Date | 07.09.2018

Pyt Terms | 0001 | Pay immediately w/o deduction

Inco. Version |

Incoterms | TPY

Inco. Location1 | LANJIGARH

Item	Material	Req. Segment	Order Quantity	Un
	10ALUM02		1,000.000	MT

4.2. Create Outbound delivery using transaction code VLO1n, perform picking and PGI.

**Outbound Delivery 80000008 Display: Overview**

Post Goods Issue    Display JIT Calls

Outbound Deliv. 80000008    Document Date 07.09.2018  
 Ship-to party 500108    BHARAT ALUMINIUM LIMITED COMPANY / Balco township Korba / 495684 Korba

Item Overview    Picking    Loading    Shipment    Status Overview    Goods Movement Data

Planned GI 07.09.2018 00:0...    Total Weight 100.000 MT  
 Actual GI Date 07.09.2018 14:42    No. of Packages 0

Item	Material	Deliv. Qty	Un	Description
10	ALUM02	100.000	MT	Service of conversion of Bauxite into Ca

4.3. Create Billing using transaction code VFO1

**Job Work Invoice 90000000 (ZSER) Display: Overview of Billing**

Accounting    Billing Documents

ZSER Job Work Invoic... 90000000    Net Value 1,800,000.00 INR  
 Payer 500108    BHARAT ALUMINIUM LIMITED COMPANY / Balco tow ...  
 Billing Date 07.09.2018

Item	Material	Item Description	Billed Quantity
10	ALUM02	Service of conversion of Bauxit...	

4.4. Take Print Out using transaction code ZSD\_TAX

5. Power sales

5.1. Create sales order VAO1 using Order type ZPOW

**Display Power Sales Order 196: Overview**

Power Sales Order 196 Net Value 125,000.00 INR

Sold-To Party 500000 BHUSHAN POWER & STEEL LIMITED / VILLAGE : THELKOLOI ...

Ship-To Party 500000 BHUSHAN POWER & STEEL LIMITED / VILLAGE : THELKOLOI ...

Cust. Reference Test PO# Cust. Ref. Date 15.09.2018

Sales Item Overview Item detail Ordering party Procurement Shipping Configuration

Req. Deliv.Date D 17.09.2018 Deliver.Plant

Complete Div. Total Weight 10 KG

Delivery Block Volume 0.000

Billing Block Pricing Date 16.09.2018

Pyt Terms ZR01 30 days IFC

Inco. Version

Incoterms CIF

Inco. Location1 Destination

All Items

Item	Material	Req. Segment	Order Quantity	Un
	1013501			10 M...

5.2. Maintenance price for condition type VK12 for condition type ZPOW.

**Change Condition Records**

Condition Information Key Combination S

Condition type ZPOW Scrap Price

Key Combination

- SD Document/Material
- Customer/Material Pricing Group
- Sales org./Distr. Ch/Customer/BOE Number/Materia
- Customer/Material
- Sales org./Distr. Ch/Customer/Variant
- Material

5.3. Create Outbound delivery

**Outbound Delivery 80000081 Display: Overview**

Outbound Deliv. 80000081 Document Date 16.09.2018

Ship-to party 500000 BHUSHAN POWER & STEEL LIMITED / VILLAGE : THELKOLOI / 768232 SAMBALPU

Item Overview Picking Loading Shipment Status Overview Goods Movement Data

Planned GI 17.09.2018 00:0... Total Weight 10 KG

Actual GI Date 16.09.2018 06:28 No. of Packages 0

All Items

Itm	Material	Deliv. Qty	Un	Description
10	13501	10	M...	INTERNALLY GENERATED POWER



### 5.4. Create Billing

**V- Power Inv 90000062 (ZPOW) Display: Overview of Billing Items**

Accounting | Billing Documents

ZPOW V- Power Inv 90000062 | Net Value 125,000.00 | INR

Payer 500000 | BHUSHAN POWER & STEEL LIMITED / VILLAGE : TH...

Billing Date 16.09.2018

Item	Material	Item Description	Billed Quantity
	1013501	INTERNALLY GENERATED PO...	

## 6. Bauxite transfer

### 6.1. Create sales order VAO1 using Order type ZCG

**Change V-Fact CG Bauxite 449: Overview**

V-Fact CG Bauxite

Sold-To Party  VEDANTA ALUMINIUM LTD. LANJIGARH / Lanjigarh

Ship-To Party  VEDANTA ALUMINIUM LTD. LANJIGARH / Lanjigarh

Cust. Reference  Cust. Ref. Date

Sales | **Item Overview** | Item detail | Ordering party | Procurement | Shipping | Configuration

Req. Deliv.Date   Deliver.Plant

Complete Div.  Total Weight

Delivery Block  Volume

Billing Block  Pricing Date

Pyt Terms  Pay immediately w/o deduction

Inco. Version

Incoterms

Inco. Location1

Item	Material	Req. Segment	Order Quantity	Un
10	14999		500.000	MT

6.2. Maintenance price for condition type ZPRO and Roality related condition types.

<input checked="" type="checkbox"/>	ZRTR	LBT FOR Royalty	199.00	INR
<input checked="" type="checkbox"/>	ZRIN	LBT Royalty % - NMET	2.000	%
<input checked="" type="checkbox"/>	ZRIM	LBT Royalty % - DFM	30.000	%
<input checked="" type="checkbox"/>	ZPKR	Paryavaran Kar	15.00	INR
<input checked="" type="checkbox"/>	ZRME	LBT FOR MINING EXP	350.00	INR
<input checked="" type="checkbox"/>	ZRPT	LBT PANCHAYAT TAX	5.00	INR

6.3. Create Outbound delivery

**Outbound Delivery Create: Overview**

Outbound Deliv.  Document Date

Ship-to party  VEDANTA ALUMINIUM LTD. LANJIGARH

Item Overview | **Picking** | Loading | Shipment | Status Overview

Planned GI   Total Weight

Actual GI Date   No. of Packages

Itm	Material	Deliv. Qty
10	14999	500.000

6.4. Create Billing using transaction code VFO1

Item	Material	Item Description	Billed Quantity	SU
	1014999	Bauxite Mines	500.000	MT

**FIORI Apps**

System Demo- usage as required.

**Printout Tcode:**

T Code	Description
ZCOM_EXP	Commercial Invoice - Export
ZSD_PACKCON	Packing List container and batch wise
ZSD_PACK_SLIP	Packing List - Summary
ZSD_CD	Credit/Debit Memo
ZSD_DEL_CHAL	Delivery Challan
ZBL_DRAFT	Draft BL
ZSD_SCRAP	Scrap Invoice
ZSD_EXSUMM	Export Annexure Summary
ZSD_EXDETS	Export Annexure Details
ZSD_COO	Certificate of Origin

ZSD_CWEIGHT	Weight Certificate
ZSD_FORLET	Forwarding LetteE
ZSD_TAX	Tax Invoice
ZSD_PI	Profarma Invoice
ZSD_CI	Custom Invoice
ZSD_SCRAP	Scrap Invoice
ZSD_TAXRP	RP INVOICE
ZPKG_LST	Packing List

## Critical Custom Funtionalites

- 1. Daily Price change**
- 2. Maintaine of Port of discharge**
- 3. BOE based pricing**
- 4. LC Document creation Tcode FTR\_CREATE**
- 5. Maintaine of list of allowed material codes**
- 6. Contract based pricing**