

ROHELA KHAN, SAP EWM SOLUTION ARCHITECT, TRAINER, MENTOR, STORY TELLER AND BLOGGER.



SAP EXTENDED WAREHOUSE MANAGEMENT





ROHELA TECH IT SOLUTIONS PVT LTD

KIT TO ORDER: In this Process Kits are Created when Requested by a Sales Order, If the Warehouse is not having Certain Quantity of Kit in Stock. Then Assemble the Products for Kit at a Kitting Work Center or at GI Staging Area during Outbound Delivery Processing.

KTO process possible through process-oriented control (POSC) or without POSC.

- 1. Kitting at a work center with a VAS order (POSC)
- 2. Kitting at a work center without a VAS order (POSC)
- 3. Kitting during Picking without a VAS order without POSC.
- Kitting at a work center with a VAS order (POSC):

Configuration Steps:

KIT TO ORDER PROCESS CONFIGURATION (S4)

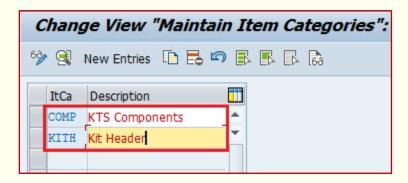
1. Define item category groups:

SPRO => IMG => SALES AND DISTRIBUTION => SALES => SALES DOCUMENTS => SALES DOCUMENT ITEM => DEFINE ITEM CATEGORY GROUPS



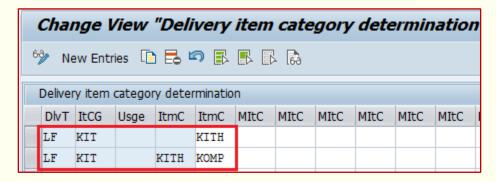
2. DEFINE ITEM CATEGORIES:

SPRO => IMG => SALES AND DISTRIBUTION => SALES => SALES DOCUMENT => SALES DOCUMENT ITEM => DEFINE ITEM CATEGORIES.



3. DEFINE ITEM CATEGORY DETERMINATION IN DELIVERIES:

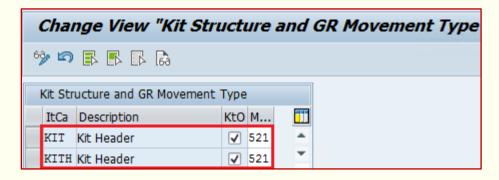
SPRO => IMG => LOGISTICS EXECUTION => SHIPPING => DELIVERIES => DEFINE ITEM CATEGORY DETERMINATION IN DELIVERIES.



4. SET GOODS RECEIPT MOVEMENT TYPE FOR KIT HEADERS:

SPRO => IMG => LOGISTICS EXECUTION => EXTENDED WAREHOUSE

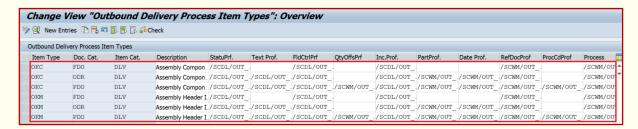
MANAGEMENT INTEGRATION => OUTBOUND PROCESS => KIT-TO-ORDER =>
SET GOODS RECEIPT MOVEMENT TYPE FOR KIT HEADERS.



KIT TO ORDER PROCESS CONFIGURATION (EWM)

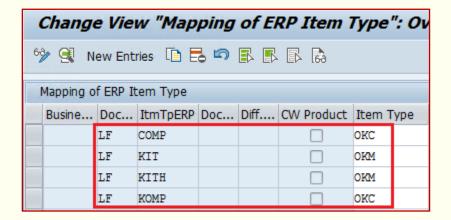
5. DEFINE ITEM TYPES FOR OUTBOUND DELIVERY PROCESS

SPRO => IMG => SCM EXTENDED WAREHOUSE MANAGEMENT => EXTENDED WAREHOUSE MANAGEMENT => GOODS ISSUE PROCESS => OUTBOUND DELIVERY => MANUAL SETTING => DEFINE ITEM TYPES FOR OUTBOUND DELIVERY PROCESS.



6. MAP ITEM TYPES FROM ERP SYSTEM TO EWM

SPRO => IMG => SCM EXTENDED WAREHOUSE MANAGEMENT => EXTENDED WAREHOUSE MANAGEMENT => INTERFACES => ERP INTEGRATION => DELIVERY PROCESSING => MAP ITEM TYPES FROM ERP SYSTEM TO EWM.

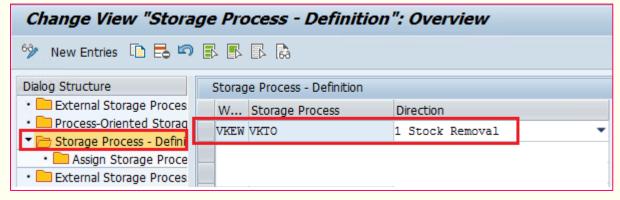


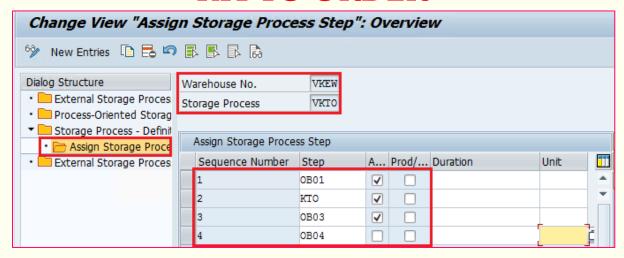
POSC SETUP FOR KIT TO ORDER:

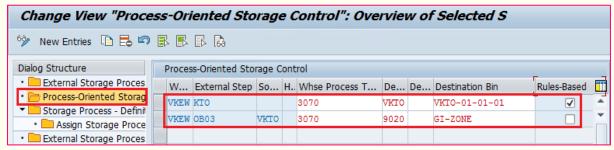
7. DEFINE PROCESS-ORIENTED STORAGE CONTROL

SPRO => IMG => SCM EXTENDED WAREHOUSE MANAGEMENT => EXTENDED WAREHOUSE MANAGEMENT => CROSS-PROCESS SETTING => WAREHOUSE TASK => DEFINE PROCESS-ORIENTED STORAGE CONTROL.





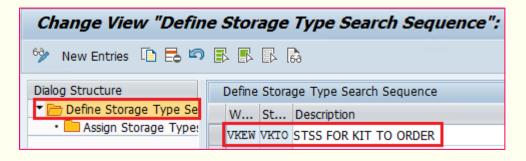


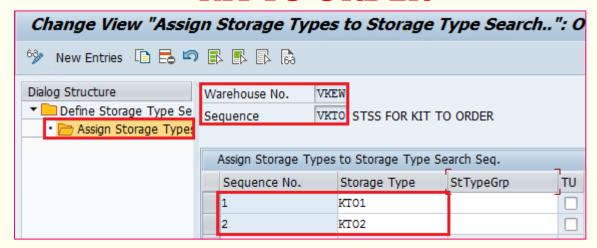


STOCK REMOVAL STRATEGIES:

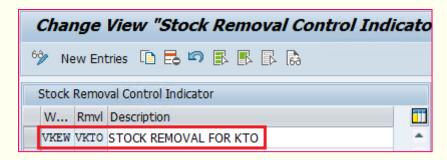
8. SPECIFY STORAGE TYPE SEARCH SEQUENCE

SPRO => IMG => SCM EXTENDED WAREHOUSE MANAGEMENT => EXTENDED WAREHOUSE MANAGEMENT => GOODS ISSUE PROCESS => STRATEGIES => SPECIFY STORAGE TYPE SEARCH SEQUENCE

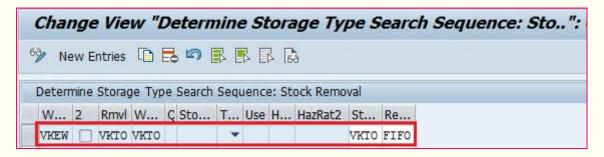




9. DETERMINE STORAGE TYPE SEARCH SEQUENCE FOR STOCK REMOVAL

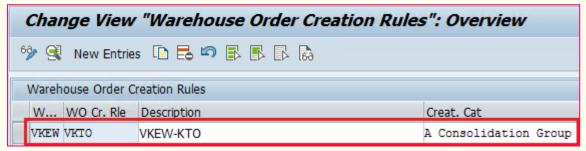


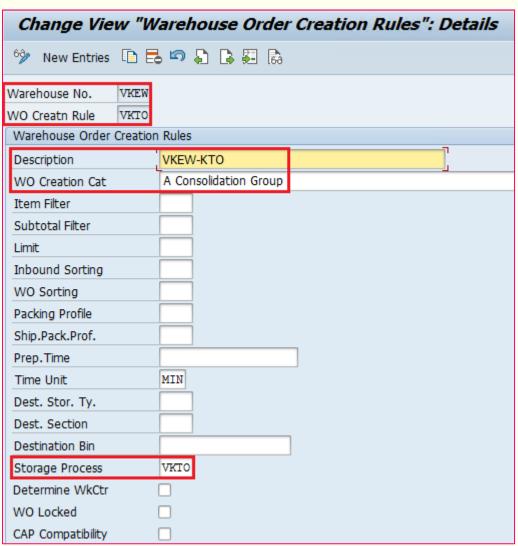
10.DETERMINE STORAGE TYPE SEARCH SEQUENCE FOR STOCK REMOVAL



11.DEFINE CREATION RULE FOR WAREHOUSE ORDERS.

SPRO => IMG => SCM EXTENDED WAREHOUSE MANAGEMENT => EXTENDED WAREHOUSE MANAGEMENT => CROSS PROCESS SETTINGS => WAREHOUSE ORDER => DEFINE CREATION RULE FOR WAREHOUSE ORDERS

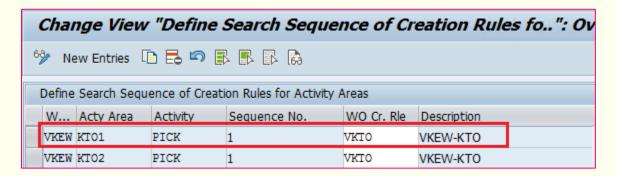




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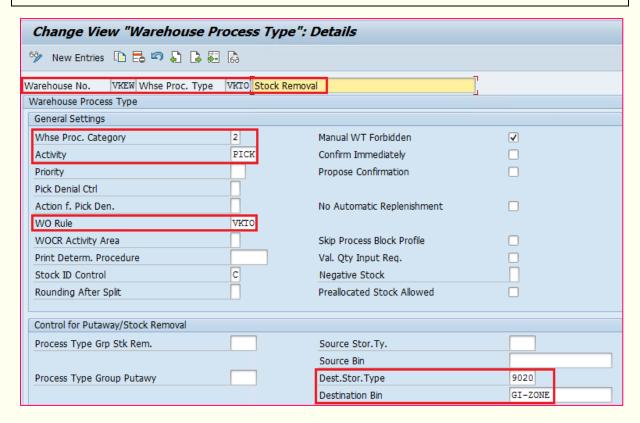
12.DEFINE SEARCH SEQUENCE OF CREATION RULES FOR ACTIVITY AREAS.

SPRO => IMG => SCM EXTENDED WAREHOUSE MANAGEMENT => EXTENDED WAREHOUSE MANAGEMENT => CROSS PROCESS SETTINGS => WAREHOUSE ORDER => DEFINE SEARCH SEQUENCE OF CREATION RULES FOR ACTIVITY AREAS.



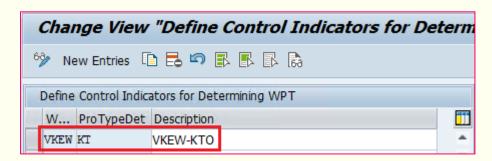
13. DEFINE WAREHOUSE PROCESS TYPE:

SPRO => IMG => SCM EXTENDED WAREHOUSE MANAGEMENT => EXTENDED WAREHOUSE MANAGEMENT => CROSS PROCESS SETTINGS => WAREHOUSE TASK => DEFINE WAREHOUSE PROCESS TYPE

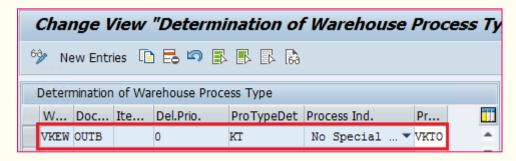


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14.DEFINE CONTROL INDICATORS FOR DETERMINING WAREHOUSE PROCESS TYPES

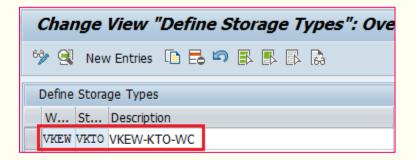


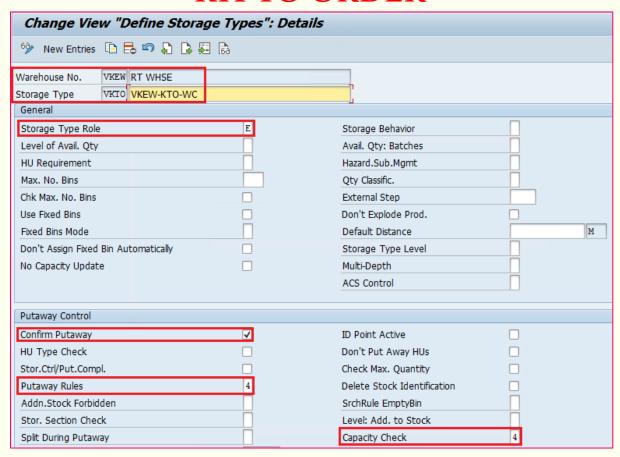
15.DETERMINE WAREHOUSE PROCESS TYPE



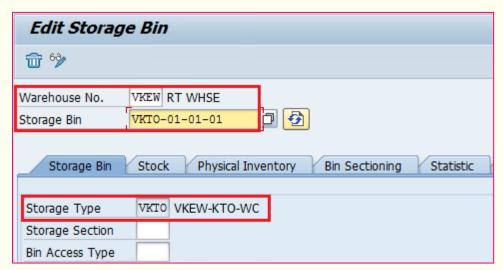
16. MAINTAIN STORAGE TYPE FOR WORK CENTER

SPRO => IMG => SCM EXTENDED WAREHOUSE MANAGEMENT => EXTENDED WAREHOUSE MANAGEMENT => MASTER DATA => DEFINE STORAGE TYPE

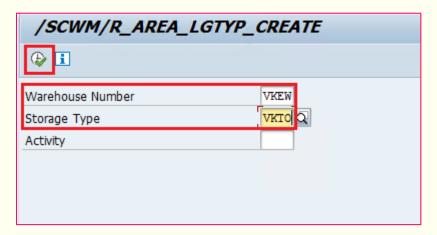




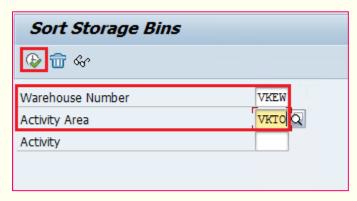
17. CREATE BIN IN T-CODE: /N/SCWM/LS01



18. GENERATE ACTIVITY AREA IN T-CODE: /N/SCWM/GENA

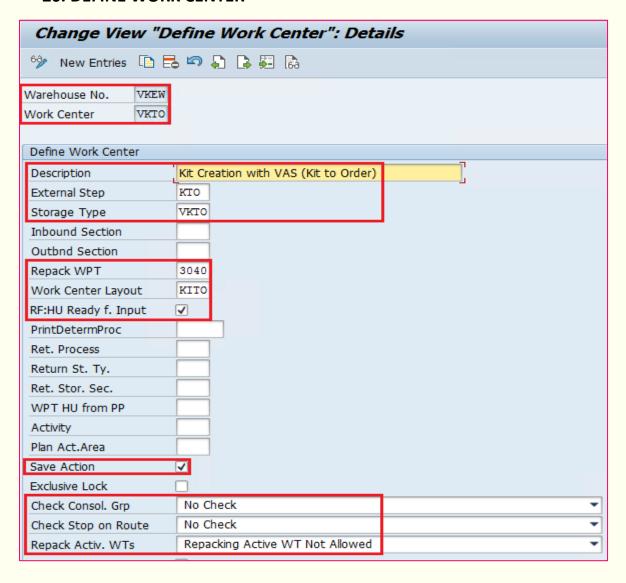


19. DO BIN SORTING IN T-CODE: /N/SCWM/SBST



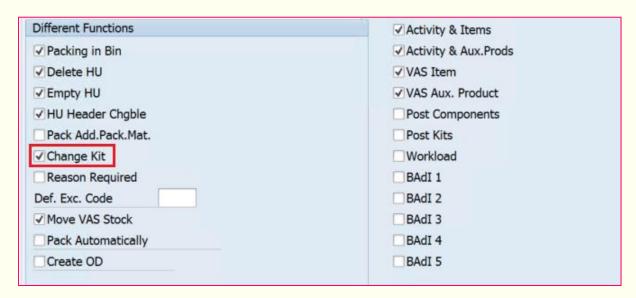


20. DEFINE WORK CENTER



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21. SPECIFY WORK CENTER LAYOUT

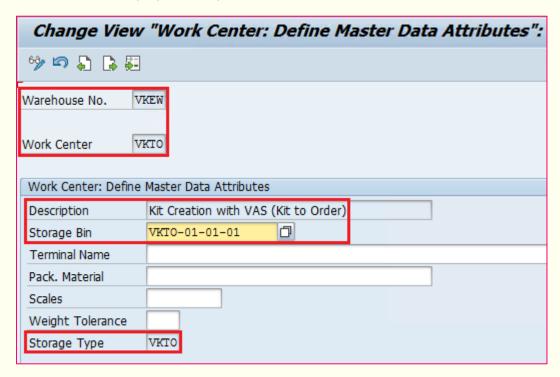


22. DEFINE MASTER DATA ATTRIBUTES FOR WORK CENTER

SAP EASY ACCESS => EWM => MASTER DATA => WORK CENTER => DEFINE MASTER DATA ATTRIBUTES

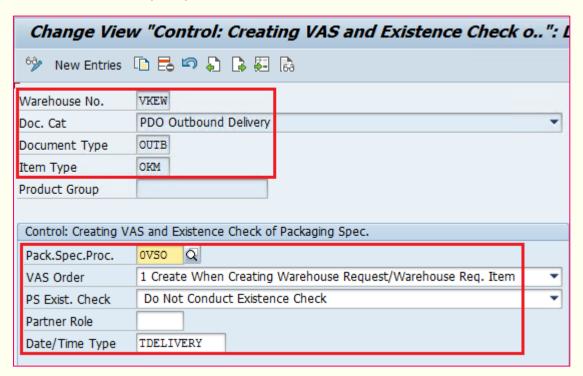
(or)

TRANSACTION: /N/SCWM/TWORKST

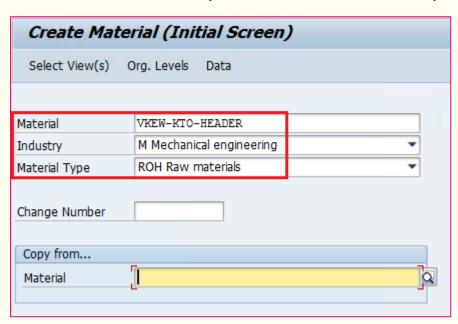


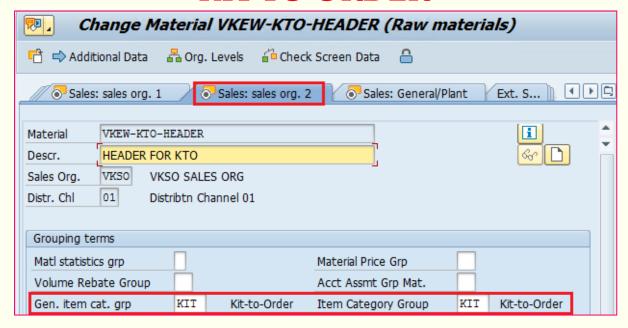
23. DEFINE RELEVANCE FOR VAS

SPRO => IMG=> SCM EWM => EWM => CROSS PROCESS SETTING => VALUE ADDED SERVICES (VAS) => DEFINE RELEVANCE FOR VAS

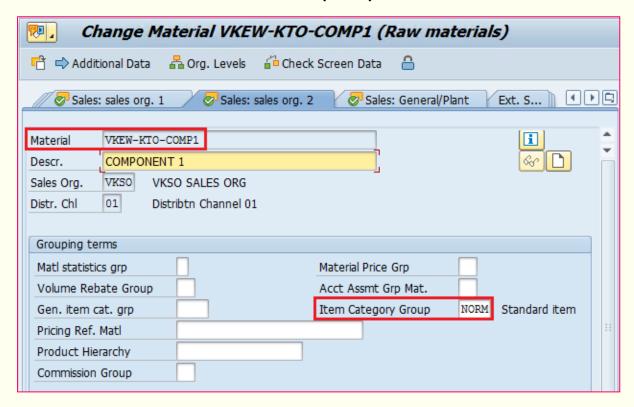


24. CREATE MATERIAL (HEADER AND COMPONENTS) IN T-CODE: MM01

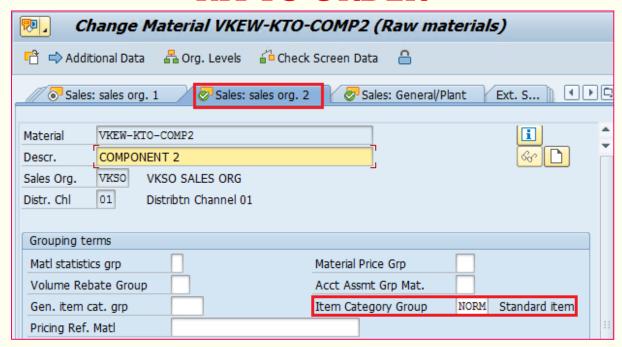




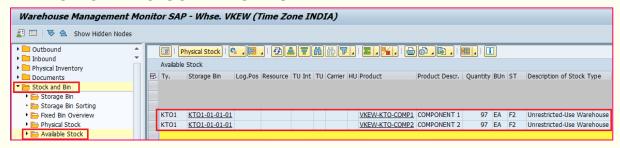
*** NOTE: CREATE BOTH COMPONENT-1 AND COMPONENT-2 WITH ITEM CATEGORY GROUP "NORM". PUTAWAY SOME STOCK OF COMPONENT-1 AND COMPNENT-2 IN FINAL STORAGE TYPE- (KTO1).



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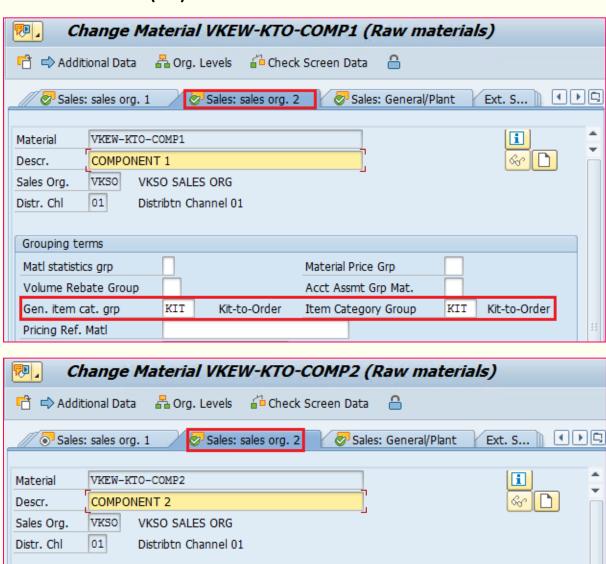


• CHECK THE STOCK IN MONITOR.



**REQUIRED QUANTITY OF STOCK FOR COMPONENT-1 AND COMPONENT-2 HAS BEEN PUTAWAY IN STORAGE TYPE - KTO1

** FOR KIT TO ORDER SELECT GENERAL ITEM CATEGORY GROUP AND ITEM CATEGORY GROUP (KIT)



Material Price Grp

Acct Assmt Grp Mat.

Item Category Group

KIT

Kit-to-Order

Grouping terms

Matl statistics grp

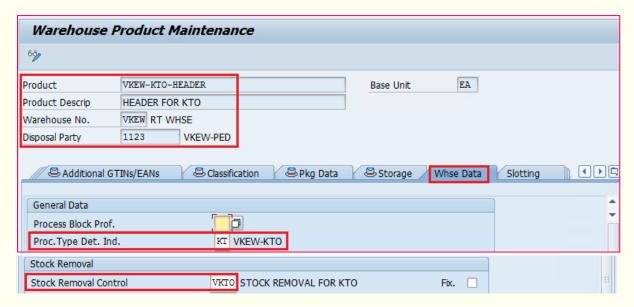
Volume Rebate Group

KIT

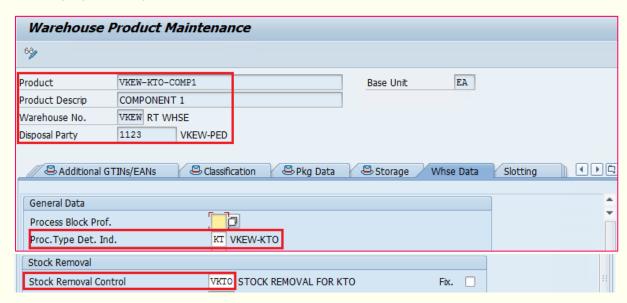
Kit-to-Order

Gen. item cat. grp

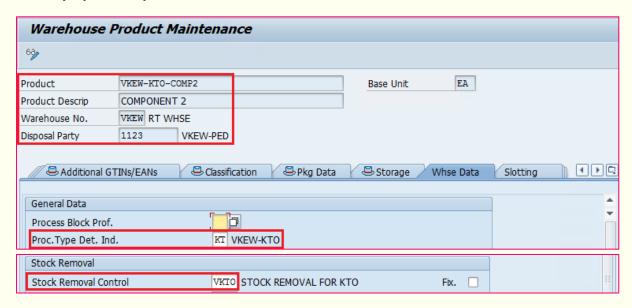
25. MAINTAIN PRODUCT MASTER FOR VKEW-KTO-HEADER IN T-CODE /N/SCWM/MAT1



MAINTAIN PRODUCT MASTER FOR VKEW-KTO-COMP1 IN T-CODE /N/SCWM/MAT1

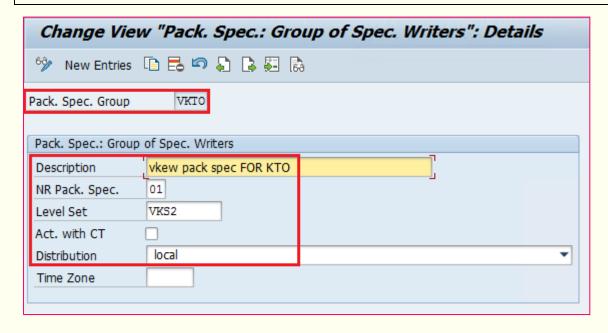


➤ MAINTAIN PRODUCT MASTER FOR VKEW-KTO-COMP2 IN T-CODE /N/SCWM/MAT1



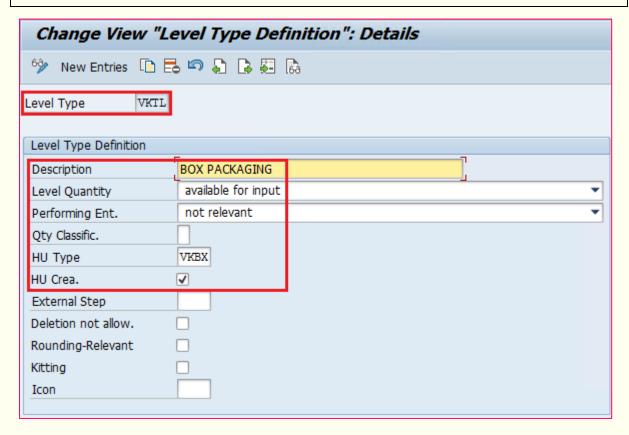
26. DEFINE PACKAGING SPECIFICATION GROUP

SPRO=> IMG => MASTER DATA => PACKAGING SPECIFICATION => DEFINE PACKAGING SPECIFICATION GROUP



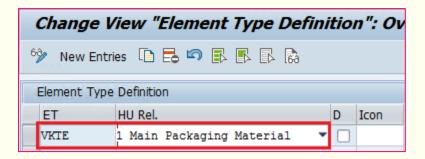
27.DEFINE LEVEL TYPE

SPRO=> IMG => MASTER DATA => PACKAGING SPECIFICATION => MAINTAIN STRUCTURE OF PACKAGING SPECIFICATION => DEFINE LEVEL TYPE



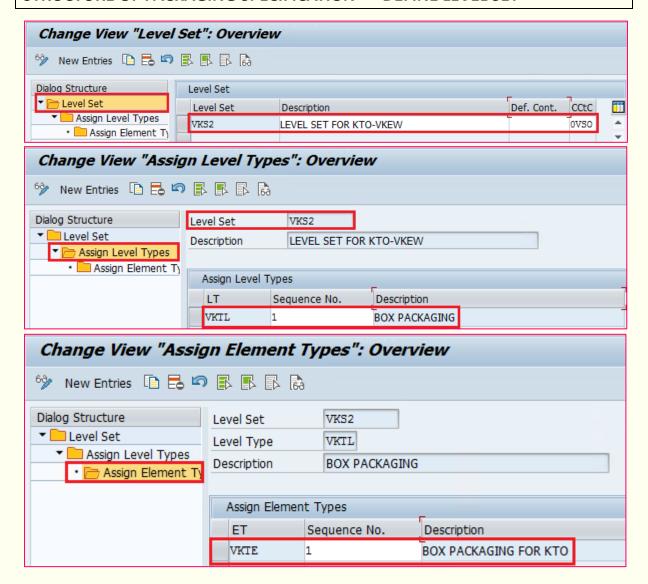
28. DEFINE ELEMENT TYPE

SPRO=> IMG => MASTER DATA => PACKAGING SPECIFICATION => MAINTAIN STRUCTURE OF PACKAGING SPECIFICATION => DEFINE ELEMENT TYPE



29. DEFINE LEVEL SET

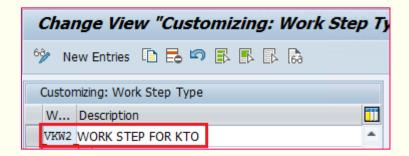
SPRO=> IMG => MASTER DATA => PACKAGING SPECIFICATION => MAINTAIN STRUCTURE OF PACKAGING SPECIFICATION => DEFINE LEVEL SET



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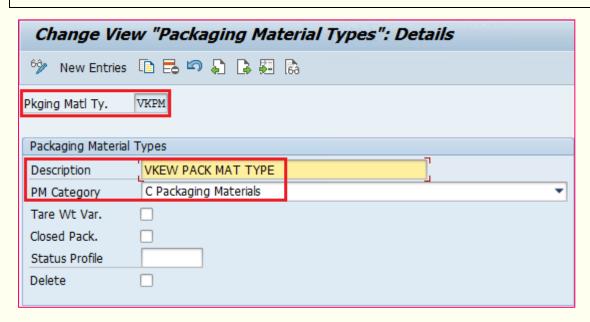
30.DEFINE WORK STEP TYPE

SPRO=> IMG => MASTER DATA => PACKAGING SPECIFICATION => MAINTAIN STRUCTURE OF PACKAGING SPECIFICATION => DEFINE WORK STEP TYPE



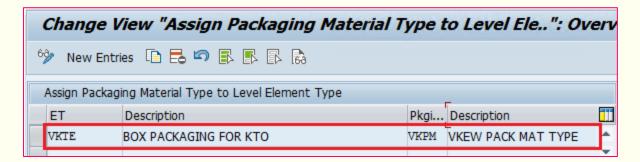
31.DEFINE PACKAGING MATERIAL TYPES

SPRO=> IMG => MASTER DATA => PACKAGING SPECIFICATION => MAINTAIN STRUCTURE OF PACKAGING SPECIFICATION => DEFINE PACKAGING MATERIAL TYPES



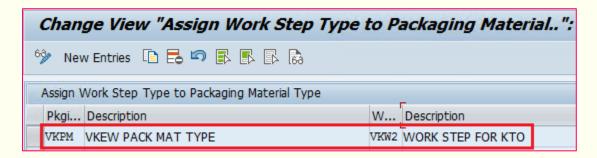
32.ASSIGN PACKAGING MATERIAL TYPE TO ELEMENT TYPE

SPRO=> IMG => MASTER DATA => PACKAGING SPECIFICATION => MAINTAIN STRUCTURE OF PACKAGING SPECIFICATION => ASSIGN PACKAGING MATERIAL TYPE TO ELEMENT TYPE

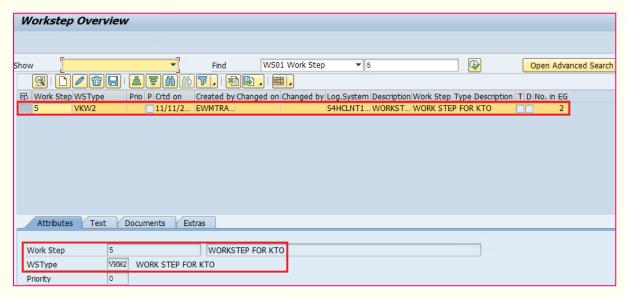


33.ASSIGN WORK STEP TYPE TO PACKAGING MATERIAL TYPE

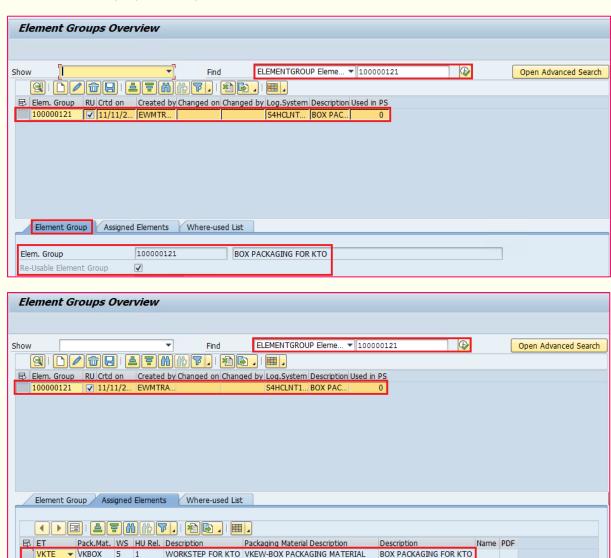
SPRO=> IMG => MASTER DATA => PACKAGING SPECIFICATION => MAINTAIN STRUCTURE OF PACKAGING SPECIFICATION => ASSIGN WORK STEP TYPE TO PACKAGING MATERIAL TYPE



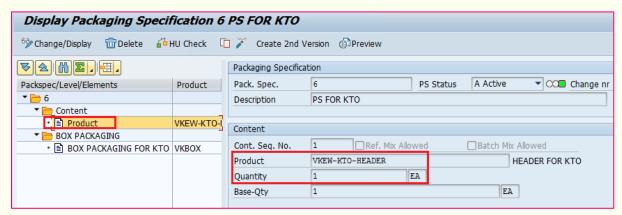
Go to T-CODE:/N/SCWM/PSWORKSTEP:

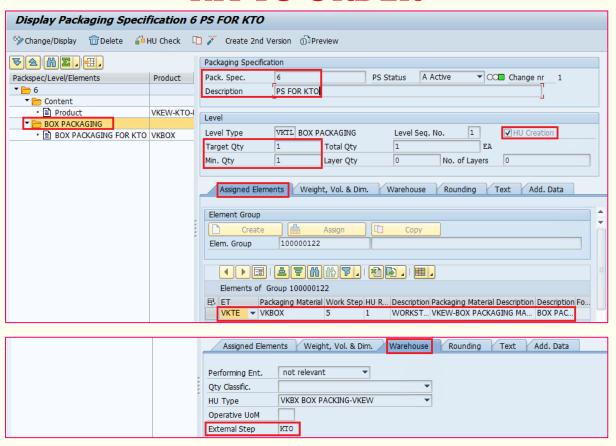


Go to T-CODE:/N/SCWM/PSEG:



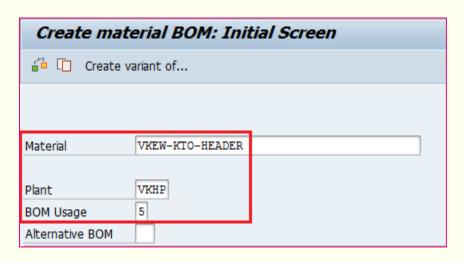
Go to T-CODE: /N/SCWM/PACKSPEC:



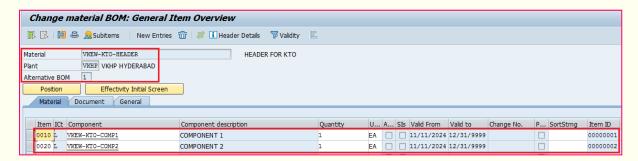


CREATE THE BOM IN ERP CREATE BOM FOR HEADER AND ADD COMPONENTS USING

T-CODE: CS01

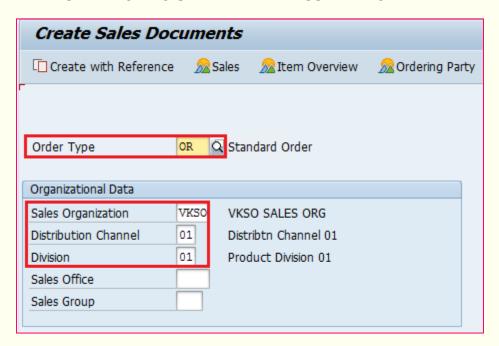


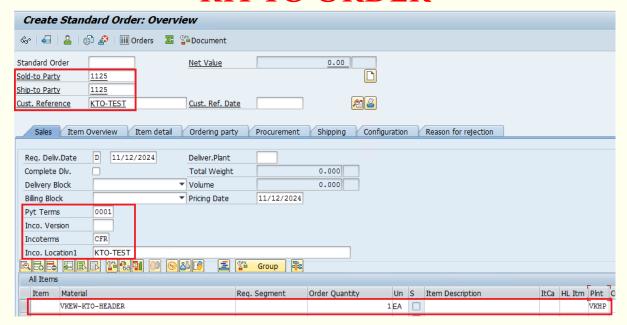
BOM IS CREATED FOR ONE HEADER AND TWO COMPONENTS



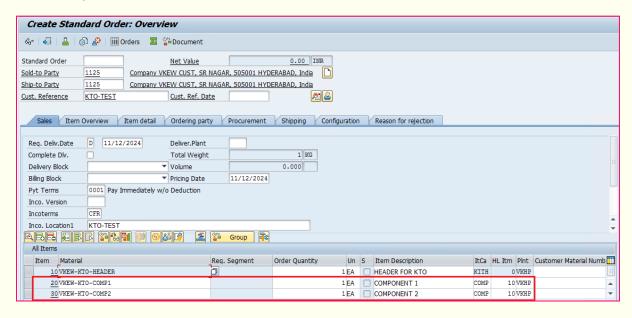
TESTING OF KIT TO ORDER

1. CREATE SALES ORDER IN ERP T-CODE: VA01

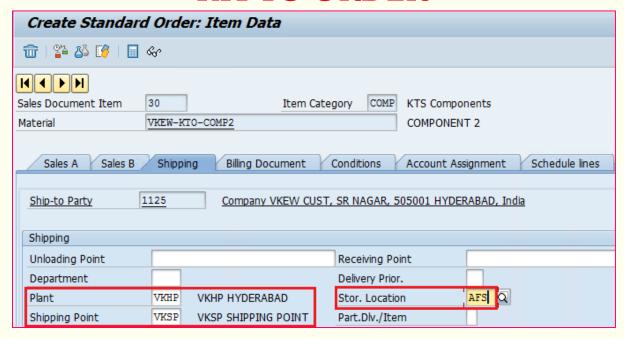




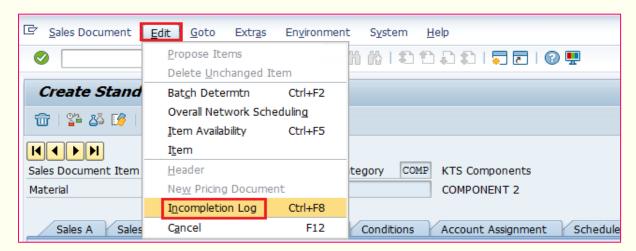
BOM WILL EXPLODE FOR COMPONENTS. (*TAKE PLANT AT LINE ITEM 10)



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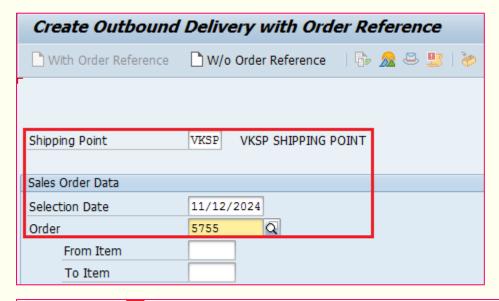


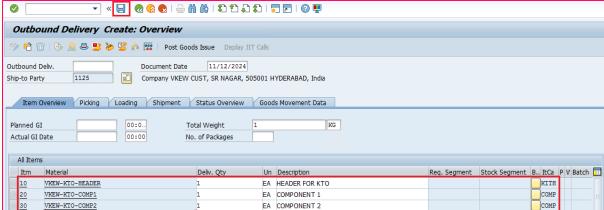
FOR LINE ITEM 10, 20, 30 GIVE PLANT, SHIPPING POINT AND STORAGE LOCATION.



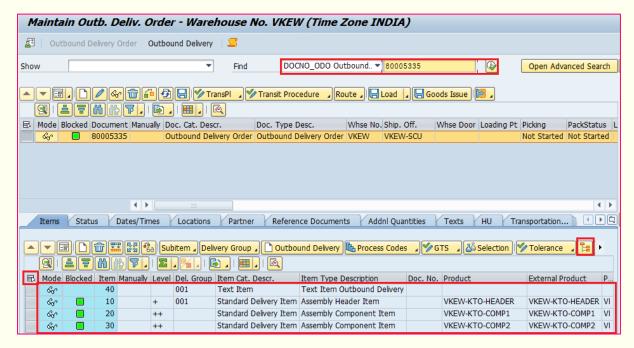
Click on save.

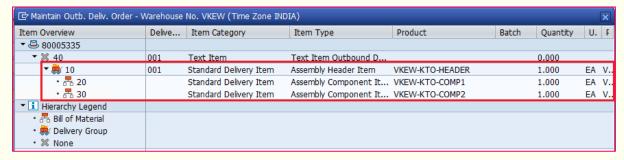
2. CREATE OUTBOUND DELIVERY IN T-CODE: VL01N AND SAVE IT



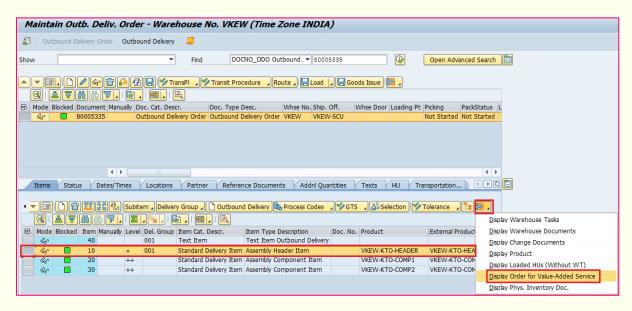


3. GO TO EWM T.CODE: /N/SCWM/PRDO

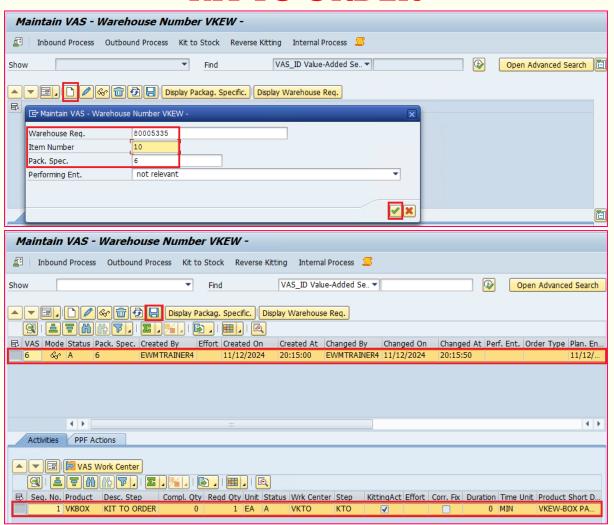




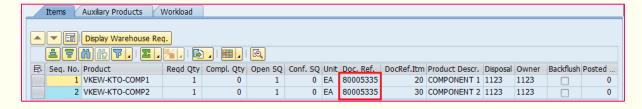
➢ GO TO DISPLAY VAS ORDER AND CHECK VAS ORDER IS TRIGGERED. IF NOT CREATE THE VAS ORDER MANUALLY



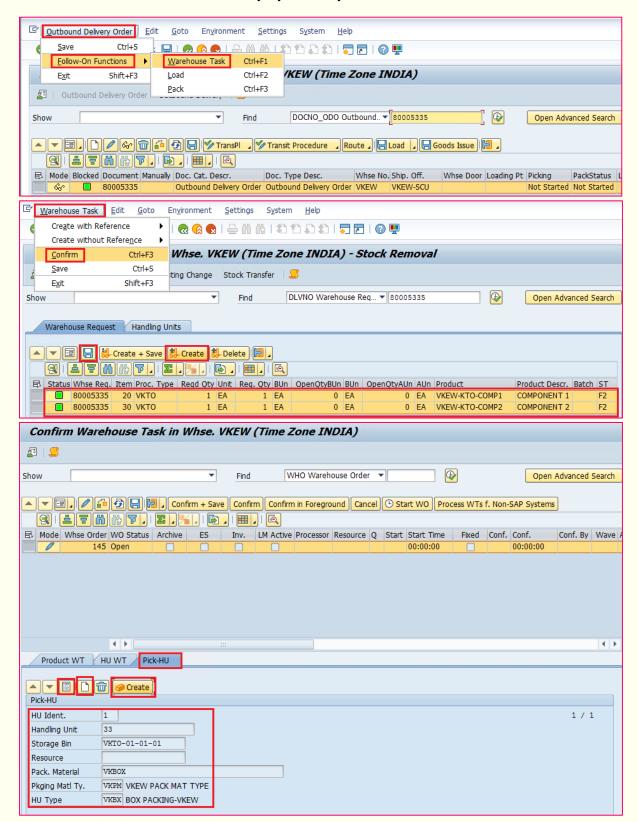
ROHELA TECH IT SOLUTIONS +91 7794005224 KIT TO ORDER

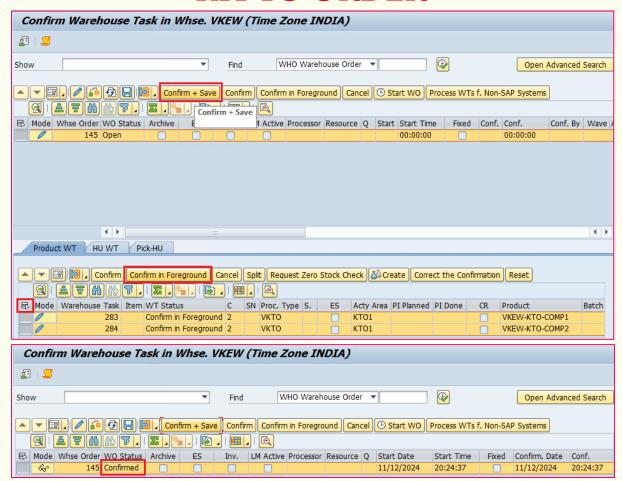


OUTBOUND DELIVERY NUMBER

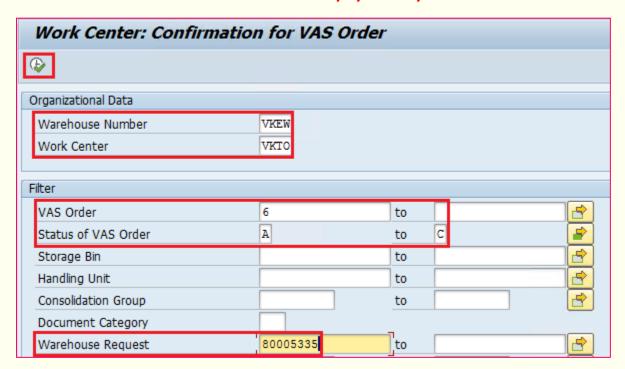


PROCESS DELIVERY IN T-CODE: /N/SCWM/PRDO

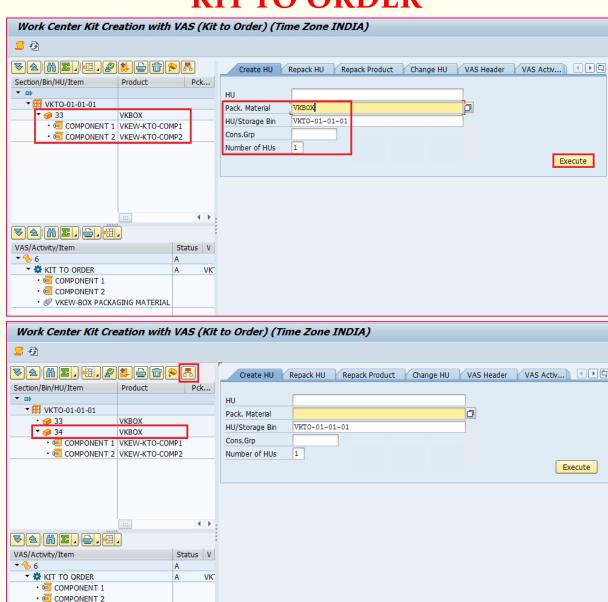




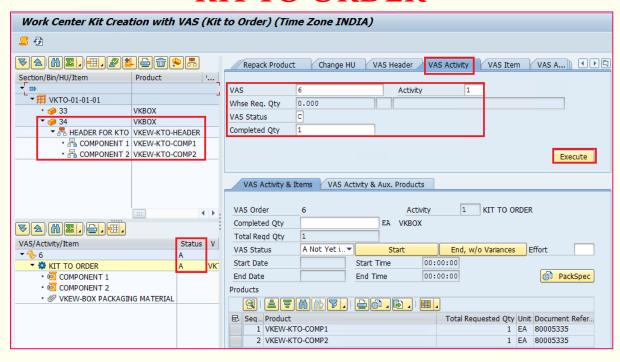
4. GO TO VAS WORK CENTER T-CODE: /N/SCWM/VASEXEC

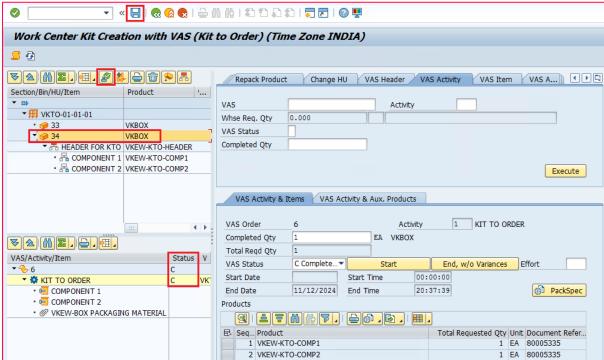


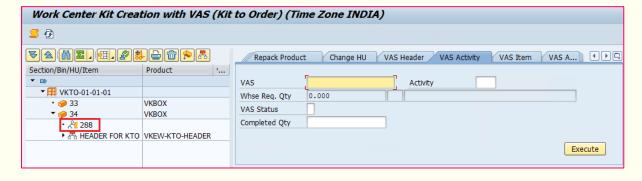
ROHELA TECH IT SOLUTIONS +91 7794005224 KIT TO ORDER



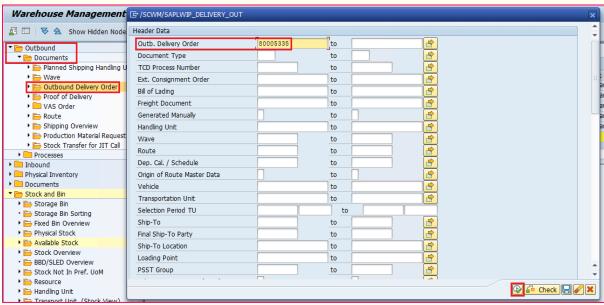
 Ø VKEW-BOX PACKAGING MATERIAL

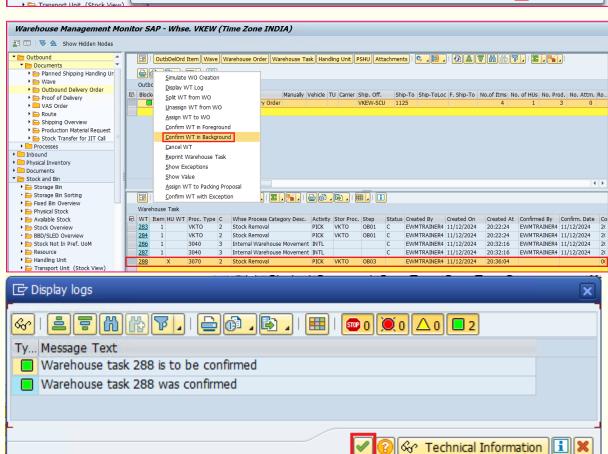


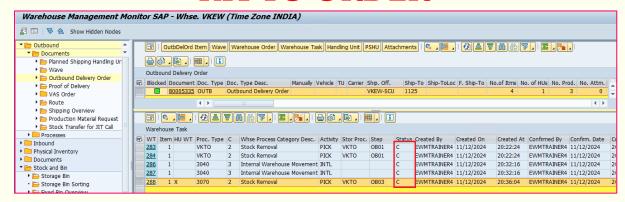


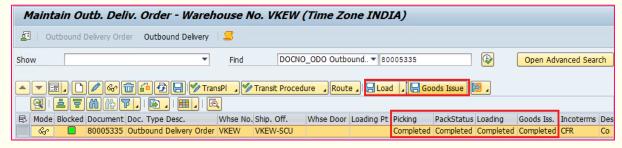


5. GO TO MONITOR IN T-CODE: /N/SCWM/MON









> SINCE KITTING IS DONE IN WORK CENTER, DO LOADING AND GOODS ISSUE





For any sort of SAP EWM training and support

Contact us on: +91 7794005224

http://www.linkedin.com/services/page/b6890231b89b812146

