



Tata Chemicals Supply Chain Collaboration

Subcontracting Procurement

Supplier Training Guide



(Formerly as, Ariba Network)

Agenda

Subcontracting Collaboration

- Introduction
- Subcontracting Collaboration Documents
- Subcontracting Collaboration Workflow Diagram

Order Collaboration Portal User Interaction

- Subcontracting Purchase orders
- Subcontracting Order confirmation
- Component Management
- Finished Goods Shipment
- Finished Goods Receipt

Appendix

- Prevent Component Consumption that exceeds the authorized quantity
- Subcontract Inventory Notification

Subcontracting Collaboration In this Chapter You Will Learn Aboutthe benefits of using Subcontracting Collaboration functionality

...subcontracting collaboration documents and their description

... subcontracting collaboration documents workflow

Subcontract Purchase order

- Subcontracting collaboration is the outsourcing of part of the manufacturing process of a product to a third-party (supplier/ contract manufacturer).
- More specifically, subcontracting collaboration is an outsourcing of certain production activities that were previously performed by the manufacturer to a third-party.
- A company may outsource the manufacture of certain components for the product or outsource the assembly of the product.
- Nowadays, outsourcing companies have become specialists in a multitude of services for manufacturers including design, production, assembly, and distribution.

Subcontracting Collaboration Documents

Document	Description
Subcontracting Purchase Order	A subcontracting purchase order is a purchase order that is sent from a buyer to a contract manufacturer to request the production and delivery of finished goods. The subcontracting purchase order has been enhanced to carry, not only item level and schedule line level information, but also subcontracting component information. Subcontracting components are the raw materials that are used for manufacturing the finished goods specified at the item level.
Order Confirmation incl. Component	Acknowledgement of subcontracting purchase order with components' details. Component handling possibilities: add, delete, duplicate, quantity updates.
Component Inventory	A component inventory report has been added to inform suppliers about quantities of components available for manufacturing.
Finish Goods Receipt	Customer confirmation of final product receipt

Subcontracting Collaboration Workflow Diagram



Subcontracting Collaboration In this Chapter You Will Learn About ...

... how to manage orders and releases

...how to manage order confirmations

...how to manage shipment and receipt of a finished goods

Subcontracting Collaboration

From the Workbench

OR

From Orders>Orders and Releases:

- 1. Click on Items to Confirm tile.
- 2. Use filters to identify the order. Set category as **Subcontract**.
- 3. You can identify Subcontracting PO as well using **Items to ship** tile.
- 4. Search results will appear. To view the order click its number.
- 5. To configure your view click settings button.
- 6. To export data click on export button.

Note: For more info on how to manage your workbench and create specific tiles please refer to **SCC General Functionality Guide.**



Subcontracting Orders and Releases

Review Subcontracting Order Content

Review the line items section in subcontracting purchase order layout.

12 Dec 2025 12:00 PM IST

1. Click **Details** to view the schedule lines.

1

2. Click Show Components to view the components.

Description: Gear PUMP-2401 - 500 RPM	etails 🗰	Show Item Detail									ms	Line Ite
Description: Gear PUMP-2401 - 500 RPM		Tax	Subtotal	Unit Price	Need By	Qty (Unit)	Return	Category	Туре	Material code/Service code	No. Schedule Lines	Line #
Schodula Linos	tails/	3.50 INR Detail	70.00 INR	35.00 INR	12 Dec 2025	2.000 (PCE) (i)		Subcontract	Material	102585140004RF-02	1	10
Schedule Lines Show Schedule										2401 - 500 RPM	Description: Gear PUMP-2	
	Line Details	Show Schedule Line									Schedule Lines	
Schedule Line # Delivery Date Ship Date Quantity (Unit) Customer Proposed Qty (Unit) Customer Proposed Delivery Date			ate	Customer Proposed Delivery D		stomer Proposed Qty (Unit)	Cu	Quantity (Unit)	Ship Date	Delivery Date	Schedule Line #	

2 Show Components

2.000 (PCE) (i)

Subcontracting Orders Confirmation

Allowed Actions

- You can confirm entire order. Component details can be reviewed only.
- You can update line items. Component details can be edited.

Create Order Confirmation	on 🔻	Create Ship Notice	Create Invoice 🔻
Confirm Entire Order			
Update Line Items	istory		
Reject Entire Order			

Subcontracting Orders Confirmation

Confirm Entire Order – Components Review

- 1. Select Confirm Entire Order
- 2. Expand Schedule lines to view Component section.
- 3. Expand **Components** to view the details.

Create Order Confirmat	tion 🔻
Confirm Entire Order	
Update Line Items	istory
Reject Entire Order	

Line It	ems										
Line #	Part #	Customer Part #	Revision Level	Category	Туре	Qty (Unit)	Need By	Unit Price	Subtotal	Тах	Customer Location
10		102585140004RF-02		Subcontract	Material	2.000 (PCE)	i) 12 Dec 2025	35.00 INR	70.00 INR	3.50 INR	
			Description:	Gear PUMP-2401 - 500	RPM						
2	Schedule Lin	es									
	Schedule Lir	ie No. †		Delivery D	ate		Ship By				Quantity (Unit
	1			12 Dec 20	25						2.000 (PCE) 🤅
3	- Compone	nts									
	Line	Customer Part # /	Description Custon	ner Batch # Part	# Quantity	(Unit)					
	00010_00	001_0001 102585140004RF-	-02		2.00	00 (PCE)					
		Gear PUMP-2401	- 500 RPM								

Current Order Status:

2.000 Confirmed As Is (Schedule line number: 1; Estimated Delivery Date: 12 Dec 2025)

Component Management

Component Inventory

- 1. Click Fulfillment > Extended Collaboration
- 2. Go to the Component Inventory tab.
- 3. Expand **Search Filters** to display the query fields. Matched results will appear at the bottom of your screen.
- 4. You can use configure icon to customize your component inventory view.
- When the View all component inventory checkbox is checked, records with a Balance quantity of 0 are displayed in the Component inventory table. Otherwise, those are hidden.

SAP Business Network	 Enterprise Account 		
Home Enablement W	Vorkbench Planning 🗸	Orders V Fulfillment V	
		Extended Colla	aboration
Extended Collaboration			
Multi-Tier Orders Component Inventory	Component Shipments Return Shipments	Consignment Movements Multi-Tier Shipments	
3 Search Filters			
Customer			Location
Part number			A -
Customer part number			5 View All Component Inventory
Customer batch number			
			Search Reset

矖

Component Inventory (7)

Customer	Location	Customer part no.	Description	Customer batch no.	Part no.	Batch no.	Expiry date	Qty (unit)	Consumed qty	Balance qty	Last updated	Reference no.	Document ID
Tata Chemicals Limited - TEST	Procurement Cell - Mithapur	102585140004RF- 02	Gear PUMP-2401 - 500 RPM					1.00 (PC)	0.00	1.00	3 Jul 2024		51E306C86FC41EDF8EAC0D27 B84E0409
Tata Chemicals Limited - TEST	Procurement Cell - Mithapur	102585140004RF- 02	Gear PUMP-2401 - 500 RPM	REPAIRED				2.00 (PC)	0.00	2.00	3 Oct 2024		B9D24C00F7F61EDFA0B5A7A6 BB2F4495

Component Management

Component Inventory Content Description

Field	Description	Data Source
Customer Part #	Customer Part Number	Informational from customer's ERP material master
Description	Customer Part Description	Informational from customer's ERP material master
Customer batch	Batch number provided by customer	Informational from customer's ERP material master
Part#	Supplier Part Number	Informational from customer's ERP material master
Batch#	Batch number provided by supplier	Informational from customer's ERP stock info
Reference Number	Free field used by customer for tracking	Informational per aligned instructions
Document ID	cXML message ID received from customer	Informational from network message details
Expiry date	Batch expiration date	Informational from customer's ERP master data
Inspection date	Batch inspection date	Informational from customer's ERP master data
Qty (Unit)	Item Stock level	Informational from customer's ERP stock info
Consumed Qty	Reported quantity of utilized components	SAP Business Network calculated
Balanced Qty	Remaining inventory of the components	SAP Business Network calculated
Customer	Customer ANID name	Informational from customer's network ANID
Location	Customer plant name	Informational from customer's ERP stock info
Last updated	Date & Time stamp of the last stock figures update	Informational from network message details
Serial Numbers	Provided serial number details	Informational from customer's ERP stock info

Finish Goods Shipment Create Ship Notice

From the Workbench

OR From **Orders > Orders and Releases:**

- 1. Click the **Items to Ship** tile.
- 2. Identify the right order and select it.
- 3. Click **Create Ship Notice** button.
- 4. You can create ship notice as well from purchase order screen.

Note: For more info on how to manage your workbench and create specific tiles please refer to SCC General Functionality Guide.



Purchase Order: 0004500069



Finish Goods Shipment

Create Ship Notice Allowed Actions 1

1. You can add details, such as, retail and delivery details and others. - Expand and show

Order Items

2. You can download pdf of ASN label which has to be sent as hard copy along with shipment.

order No.	Line No.	Part No.	Customer Part No.	Qty	Unit	Need By	Ship By	Unit Price	Subtotal	Тах	Customer Location	
004500069	10		102585140004RF-02	2.000	PCE (i)	12 Dec 2025		35.00 INR	70.00 INR	3.50 INR	IMPC	Remove
	Description: Gear	r PUMP-2401 - 50	0 RPM									
	Shipment Status Total Item Due Qu											
	Confirmation State Approved	us										
	Total Confirmed Q	Quantity: 2 PCE (i) Total Backordered Quanti	ty: 0 PCE (i)								
	Line		Ship Qty	Supplier Batch II	Country of	of Origin	Ρ	Production Date		Expiry Date	2	1
	1		2.000		- Select	Country -	~				Downl	ad PDF Add Detail
				L			[
NSUMED CON												
ne Custom	er Part No. / Descript	tion	Customer Batch No.		Part No.	Batch No.	Quan	ntity	Unit	Serial Nur	mber Actions	
ne Custom		tion		ok Up	Part No.	Batch No.	Quan	ntity	Unit	Serial Nur	mber Actions Actions –	
ne Custom 102585	er Part No. / Descript			ok Up	Part No.	Batch No.	Quan	ntiity				
ne Custom 102585	uer Part No. / Descript 140004RF-02 UMP-2401 - 500 RPM		Lo			Batch No.	Quan	ntity				
ne Custom 102585 Gear Pi	uer Part No. / Descript 140004RF-02 UMP-2401 - 500 RPM	Л	Lo			Batch No.	Quan	ıtity				
ne Custom 102585 <i>Gear Pi</i> Add Compo SET DETAILS HAZARD DETA	er Part No. / Descript 140004RF-02 UMP-2401 - 500 RPM nent Copy	Л	Lo			Batch No.	Quan	ntity				
ne Custom 102585 <i>Gear Po</i> Add Compo	er Part No. / Descript 140004RF-02 UMP-2401 - 500 RPM nent Copy ILS ALLS	/ Order Quantities	Lo			Batch No.		ntity	PCE			
ne Custom 102585 <i>Gear Pi</i> Add Compo SET DETAILS HAZARD DETA	er Part No. / Descript 140004RF-02 UMP-2401 - 500 RPM nent Copy ILS ALLS	// Order Quantities Delivery Terms:	Copy Remaining Quantitie	s Clear All C		Batch No.	Transp	port Terms: Other	PCE	0/0		
ne Custom 102585 <i>Gear Pi</i> Add Compo SET DETAILS HAZARD DETA	er Part No. / Descript 140004RF-02 UMP-2401 - 500 RPM nent Copy ILS XILS	Order Quantities Delivery Terms: Description:	Copy Remaining Quantitie	s Clear All C		Batch No.		port Terms: Other	PCE	0/0		
ne Custom 102585 <i>Gear Pi</i> Add Compo SET DETAILS HAZARD DETA	er Part No. / Descript 140004RF-02 UMP-2401 - 500 RPM nent Copy ILS XILS	Order Quantities Delivery Terms: Description:	Copy Remaining Quantitie	s Clear All C		Batch No.	Transp Incoterms De	port Terms: Other	PCE	0/0		

Finish Goods Receipt

Customer Document Review

- Finished goods receipt is available on the Portal once Finished Goods are received by [Customer].
- Finished goods receipt belongs to the list of PO related documents.
- When finish goods receipt reaches the Portal, the correspondent PO status is being automatically updated to **Received**.

Order Number	Custom	er		Ar	nount	Version	Comp	any Code		Pu Org	rchasing ganizatior	n	Р	urchasing	Group	Order Status
0004500023	Tata Ch EST	emicals Limited	1 - T	₹10	0 INR	1	IN10				ITH Pur C hapur)rg -	Ν	IN M.INS	TRUMENT.	Received
Receipt: 5000000100	0												Done	Previous		
Print Export cXML																
Detail History																
From: Tata Chemicals Limited - TEST India			T N 4 H F F F	o: TEST VENDOR-TI Main street fijayawada Andhra Pradesh f ndia Phone: Tax: Tax: Tax:	560066					Receipt No.: 500000010 Receipt Date: 4 Jul 2024	0					
													Routing Status: Related Docume	Sent ents: 0004500024	1	
															•	
Receipt Line Number	Order Line Number	Part # Custome	Part #	Batch #	Customer Batch	# Packing	g Slip ID	Packing Slip Date	Qty (Unit)	Delivery Address	Туре	Unit Rate	Amount	Status	•	
Receipt Line Number Purchase Order: 0004500024		Part # Custome		Batch #	Customer Batch	# Packing		Packing Slip Date	Qty (Unit)	Delivery Address	Type	Unit Rate	Amount 100.00 INR	Status Completed		

From the Workbench

OR

From Orders>Orders and Releases:

- 1. Select any of the **Orders** tile.
- 2. Use **filters** to identify the right document.
- 3. Using filter in Order Status, select Invoiced, Partially invoiced.
- 4. Open PO by clicking its **number**.

Note :

 If the order can not be found in search, please check PO instructions or contact [Customer].

SAP	Business Netwo	rk ▼ Enterprise Account			
Home	Enablement	Workbench Planning	g ~ Orders ~		
			Orders	and Releases	
1		2	17		
New orders	3	Items to confirm	Orders		
Last 31 days	i	Last 31 days	Save filter	i	
Orders (17) 2 ~ Edit filter Customers	Save filter	Order numbers	Creation date		status
Select or type	selections o		Last 90 days	✓ Incl	
		Partial match	ch		
					Partially Invoiced
Order	Number	Customer		Amount	Version
4 000460	00039	Tata Chemicals T	Limited - TES	₹20000 INR	3

View Invoice 2

- 5. From Related documents -> More .
- 6. View the documents with the "Invoice" type to see the goods receipt associated with the PO.

Purchase Order
(Invoiced)
0004000712
Amount: 75.00 INR
Version: 1

Track Order



Related Documents

Document Number	Date	Туре
6 INV0173	11 Jan 2025 7:43 PM IST	Invoice
500000804	11 Jan 2025 2:06 PM IST	Receipt
ASN0173	11 Jan 2025 7:33 PM IST	Ship Notice

Details displayed

- 1. Value of the invoice
- 2. Bill to , Ship to address
- 3. Payment terms
- 4. In Additional information, original invoice no represents the invoice reference of supplier.
- 5. In Additional information, buyer invoice id represents the invoice number created in customer system.
- 6. Line item details



Invoice: INV0173				Done Previous
Copy This Invoice Add Attachment Print Download PDF	Export cXML			
Detail Scheduled Payments History				
Standard Invoice				
Status Involce: Approved Routing: Acknowledged Invoice Number: INV0.173 Invoice Date: Saturday 11 Jan 2025 7:43 PM Original Purchase Order: 0004000712 Submission Method: Online Origin: Supplier Source Document: Order	GMT+05:30	Subtotat: Total Tax: Total Shipping: Total Gross Amount: Total Net Amount: Amount Due:	75.00 INR 3.75 INR 0.00 INR 78.75 INR 75.00 INR 76.75 INR	
BILL TO:	SHIP TO:			
Tata Chemicals Limited Postal Address: Bombay House, 24 Homy Mody Street Mumbai 13 400001 India Address ID: IN10	TCP - Mithapur Postal Address: Mithapur Mithapur 22 361345 India Address ID: IMPC			
Phone : + () 9233672081 x91 PAYMENT TERMS: ONE Term: 6 Days				



Invoice Receipt View Invoice 4

7.

8.

9.

10. The

here.

Go to History tab.

the customer end.

Invoice

payment is not processed.

status

Invoice: INV0173 Previous Copy This Invoice Add Attachment Download PDF 🔻 Export cXML Due date of PO is displayed Detail Scheduled Pav History Invoice: INV0173 To: Tata Chemicals Limited - TEST Invoice Status: Approved Routing Status: Acknowledged Received By SAP Business Network On: 11 Jan 2025 7:43:57 PM GMT+05:30 Submitted from the Supplier Organization's System On: 11 Jan 2025 7:43:54 PM GMT+05:30 In detail tab , the Invoice status - "Paid" indicates that History the payment is processed by Date and Time Status Comments Changed By The document has been successfully validated by Ariba Network and started processing CommunityWeb-109575064 11 Jan 2025 7:43:57 PM The document has been successfully processed in Ariba Network. CommunityWeb-109575064 11 Jan 2025 7:43:57 PM The invoice was successfully received. _ TXNDocSupplierApp-109531080 11 Jan 2025 7:43:57 PM The invoice status has been successfully updated to Approved by Tata Chemicals Limited - TEST. Description Due Date : 2025-01-17 17 Feb 2025 6:57:20 PM TXNDocSupplierApp-109548071 "Approved" indicates that the Acknowledged TXNDocSupplierApp-109531080 17 Feb 2025 6:57:20 PM Detail Scheduled Payments History Detail Scheduled Payments History Standard Invoice Standard Invoice Status Status Invoice: Paid Invoice: Approved Routing: Acknowledged Routing: Acknowledged

View Invoice 5

In history tab , details displayed :

- 1. Clearing Document number
- 2. Clearing Date
- 3. UTR Number

Detail	Scheduled Payments	History					
	Received By SAP	Invoice S	voice: NPO-INV-TQ6 Status: Paid r/k On: 27 Dec 2024 8:51:25 PM GMT+05:30	To: Tata Ch Routing Status: Acknow Submitted from the Supplier Organization's System On: 1 Dec 2			
History							
Status	Comment	3		Changed	d By	Date and Time	
	The invoid	e was successfu	ully received.	TXNDoc	SupplierApp-109530064	27 Dec 2024 8:51:25 PM	
	The docu	nent has been s	successfully validated by Ariba Network and started processing.	Commun	nityWeb-109575064	27 Dec 2024 8:51:25 PM	
	The docu	nent has been s	successfully processed in Ariba Network.	Commun	nityWeb-109575064	27 Dec 2024 8:51:25 PM	
	The docu	nent has been s	successfully processed in Ariba Network.	Commur	nityWeb-109575064	27 Dec 2024 8:51:25 PM	
	The invoid	e status has bee	en successfully updated to Approved by Tata Chemicals Limited - TEST. Description:Due Date : 2024-12-01	TXNDoc	SupplierApp-109579078	27 Dec 2024 9:05:34 PM	
Acknowledged	d			TXNDoc	SupplierApp-109530064	27 Dec 2024 9:05:35 PM	
	The invoid	e status has bee	en successfully updated to Paid by Tata Chemicals Limited - TEST.	TXNDoc	SupplierApp-109560079	27 Dec 2024 9:21:56 PM	
	Comment	from Tata Cher	micals Limited - TEST: Clearing Document : 2533000040	TXNDoc	SupplierApp-109560079	27 Dec 2024 9:21:56 PM	
	2 Comment	from Tata Cher	micals Limited - TEST: Clearing Date : 2024-12-27	TXNDoc	SupplierApp-109560079	27 Dec 2024 9:21:56 PM	
	3 Comment	from Tata Cher	micals Limited - TEST: UTR Number : PO.0004000658	TXNDoc	SupplierApp-109560079	27 Dec 2024 9:21:56 PM	-



Prevent Component Consumption that exceeds the authorizes quantity Check for consumed quantity performed when creating ASN

Buyers have the option to prevent suppliers from consuming more quantity of the components than the authorized quantity in the PO.

Scenario1:

When a supplier creates an ASN and enters the consumption information:

- 1. If the entered quantity of the components is the same as the quantity mentioned in the PO, the quantity will be accepted.
- If the entered quantity of the components is above the quantity mentioned in the PO, an error message will appear "Quantity of the component to consume exceeds the remaining allowed quantity for consumption for the order item." Thus preventing over consumption of components.

Schedule Lir	ie No. †			Delivery Date			Ship By				9	uantity (Ur
• Compone	nts			12 Dec 2025							1 2.00	00 (PCE)
Line		Customer Part # / Description	on Customer Batch #	Part #	Quantity (Unit)							
00010_00	001_0001	102585140004RF-02 Gear PUMP-2401 - 500 RP	M		2.000 (PCE							
rder No.	Line No.	Part No.	Customer Part No.	Qty	Unit	Need By	Ship By	Unit Price	Subtotal	Тах	Customer Location	n
004500069	10 102585140004RF-02 Description: Gear PUMP-2401 - 500 RPM SHIPMENT STATUS 1. Shipping 2.000 PCE ①		2.000 PCE (i)		12 Dec 2025		35.00 INR 70.00	70.00 INR	3.50 INR	IMPC		
	CONS	SUMED COMPONENTS	on Customor Patel	No		Part No. Patch	No	Quantita		Unit	Corial Number	Actions
		SUMED COMPONENTS			k Up	Part No. Batch	No.	Quantity 2	/	Unit PCE	Serial Number 0/1	
Order No.	CONS	SUMED COMPONENTS Customer Part No. / Descripti 102585140004RF-02 Gear PUMP-2401 - 500 RPM			k Up Unit	Part No. Batch	No.		y Subtotal			Actions Actions
Order No.	CONS Line 1 Line No. 10 Description SHIPMENT	UMED COMPONENTS Customer Part No. / Descripti 102585140004RF-02 Gear PUMP-2401 - 500 RPM Part No.		Lool				1 2		PCE	0/1	
	CONS Line 1 Line No.	UMED COMPONENTS Customer Part No. / Descripti 102585140004RF-02 Gear PUMP-2401 - 500 RPM Part No. Part No.	Customer Part No. 102585140004RF-02	Lool	Unit PCE ①	Need By		Unit Price	Subtotal	Tax	0/1 Customer Location	Actions

Component Ship Notice Notification

The supplier can receive email notifications for Component Ship Notices that are undeliverable, new or changed.

From the Home page:

- 1. Click on the user initials
- 2. Select Settings
- 3. Select Notifications
- 4. Go to the Network subtab
- 5. Select the type of notification
- 6. Enter the **email address** of the person who should receive the notification
- 7. Select one of the values from the dropdown list to set the **frequency** of the notifications
- 8. Click on Save



Subcontract Inventory Notification

The supplier can receive an email notification when the Subcontracting inventory has been updated.

From the Home page:

- 1. Click on the user initials
- 2. Select Settings
- 3. Select Notifications
- 4. Go to the Network subtab
- 5. Select the notification
- 6. Enter the **email address** of the person who should receive the notification
- 7. Select one of the values from the dropdown list to set the **frequency** of the notifications
- 8. Click on Save



Thank you!!





(Formerly as, Ariba Network)