



SAP Ariba 

# Feature at a Glance

## Quality certificates in ship notices

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CONFIDENTIAL

 **Run Simple**

# Feature at a Glance

## Introducing: Quality certificates in ship notices

Ease of implementation

Low touch / simple

Geographic relevance

Global

### Customer challenge

Currently in Ariba Network buyer cannot indicate that an PO item is flagged as a quality item and a certificate is required. There is no control currently to ensure certificate is included as part of each delivery with the result to follow up with the supplier offline. Currently customer receives certificate as part of email and they need to manually create certificate records in ERP. For each GR customer create receiving need to do follow to make sure certificate is received.

### Solution area

SAP Ariba Supply Chain Collaboration

### Meet that challenge with SAP Ariba

Supplier is informed about the certificate request visible on the PO line item. Certificate requirement will be read from the material master data in ERP. Business rule for vendor, group or org level to mandate certificate as part of ASN needs to be activated.

Supplier ability to attach certificate (one or more per PO line item) as part of ASN. ERP will create a certificate record per ASN line, certificate will also be attached to the certificate record as an attachment.

### Implementation information

This feature is “on” by default for customers of **SAP Ariba SCC for Buyers** and also requires that buyers are entitled for the **quality collaboration** component. Requires configuration.

### Experience key benefits

No manual effort for customer to request quality certificate manually. Automated and integrated quality certificate document flow creates higher transparency. Process compliance through business rules check.

### Prerequisites and Limitations

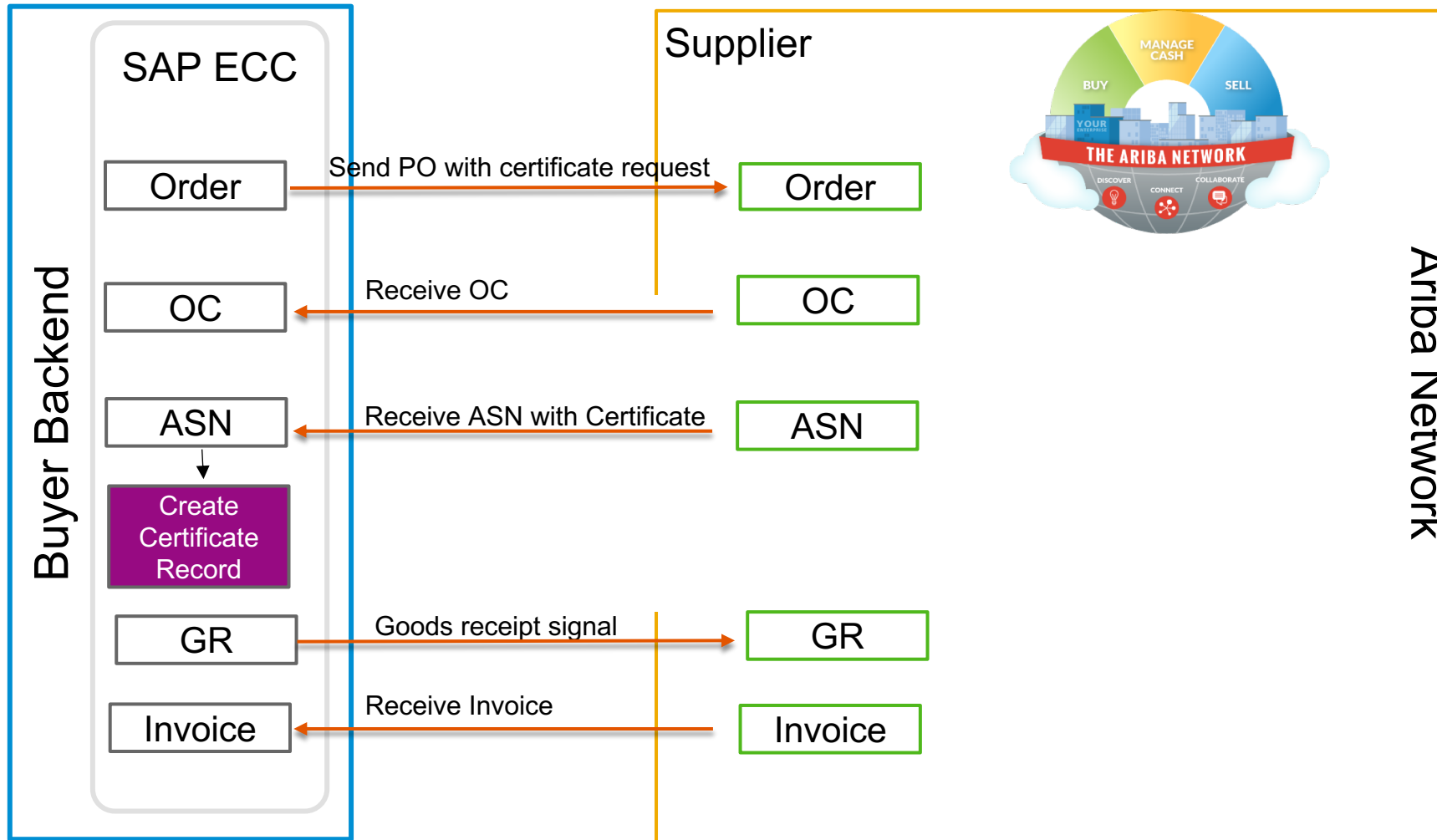
This feature requires that the buyer system has been entitled for SAP Ariba Supply Chain Collaboration and for the quality collaboration component, and that a buyer administrator has enabled the supplier for SAP Ariba Supply Chain Collaboration.

The transaction rule ‘Require suppliers to provide a quality certificate for line items on ship notices’ must be enabled.

# Feature at a Glance

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### Process flow diagram



- Customer ability to request quality certificate (CoA Certificate of Analysis) with PO line item
- Supplier ability to attach quality certificate along with ASN
- Automatic creation of quality certificate record in ERP.

## Feature at a Glance

### Introducing: **Quality certificates in ship notices**

#### **Detailed process flow information**

- PO item will have the Quality Info element which will drive the need for the Quality certificate. (The flag 'requirement quality certificate' and certificate type).
- In AN above flag in combination with business rule will force the supplier to attach the certificate. If the business rule is off then supplier will only get warning. In this case supplier may or may not attach the certificate.
- Inbound delivery is created in ERP via ASN
  - Certificate record is created with reference PO, item and (inbound) delivery no
  - All other relevant fields on the certificate like vendor, material, certificate type, vendor batch, customer batch, plant and many other fields are recorded
- In the certificate record certificate status is: "Certificate received" if it has the certificate, else "Certificate is expected"

# Feature at a Glance

## Introducing: Quality certificates in ship notices

### Detailed feature information

The screenshot displays the SAP S/4HANA Quality Management interface for material CSC-IM-FP-5001. The main window shows the material master data, including general and procurement information. A pop-up window titled 'Certificate Type (1) 7 Entries found' is open, showing a list of certificate types and their short texts.

**Material Master Data:**

- Material: CSC-IM-FP-5001 (CSC Finished Product 5001)
- Plant: 0001 (eCATT Plant)
- Base Unit of Measure: KG (kg)
- Unit of issue: [ ]
- QM material auth.: [ ]
- GR Processing Time: [ ] days
- Catalog profile: [ ]
- Plant-sp.matl status: [ ]
- Valid from: [ ]
- QM proc. active:
- QM Control Key: 0005 (Delivery release, certificate)
- Certificate type: E31A (Insp. certificate "3.1.A" EN 10204)
- Target QM system: [ ]
- Tech. delivery terms:

**Certificate Type List:**

CTyp	Short text
E21	Cert. of conformity "2.1" EN 10204
E22	Test certif. "2.2" EN 10204
E23	Works test certif. "2.3" EN 10204
E31A	Insp. certificate "3.1.A" EN 10204
E31B	Insp. certificate "3.1.B" EN 10204
E31C	Insp. certificate "3.1.C" EN 10204
E32	Inspection report "3.2" EN 10204

Maintain Quality Management relevant data in material master (/mm02) → certificate required

# Feature at a Glance

## Introducing: Quality certificates in ship notices

### Detailed feature information

The screenshot displays the SAP Purchase Order (PO) interface. At the top, the document is identified as 'Standard PO 4500503157 Created by Ramakoti Konatham'. The header section shows the PO number, vendor 'V120012 SAPBSuite', and document date '17.07.2018'. Below the header is a table with the following data:

S..	Itm	A	I	Material	Short Text	PO Quantity	O...	C	Deliv. Date	Net Price	Curr...	Per	O...	Matl Group	Plnt	Stor. Location	Be
	10			CSC-IM-FP-5...	CSC Finished Product 1001	10 KG	D		22.08.2018	190,00 GBP		1	KG	Material grou...	eCATT Plant		

The detailed view below the table shows the 'Delivery' tab for item '[ 10 ] CSC-IM-FP-5001 , CSC Finished Product 1001'. The 'QA Control Key' is set to 'Delivery release, certificate', and the 'CertificateType' is 'E31A'. Other fields include 'Overdeliv. Tol.', 'Underdel. Tol.', 'Shipping Instr.', 'Stock Type' (Quality inspection), 'Rem. Shelf Life', '1st Rem./Exped.', '2nd Rem./Exped.', '3rd Rem./Exped.', 'No. Exped.', 'Pl. Deliv. Time', 'GR Proc. Time', 'Incoterms', and 'Latest GR Date'.

PO item – QA control key set →  
certificate required / certificate type

# Feature at a Glance

## Introducing: Quality certificates in ship notices

### Buyer settings

Buyer has to activate Default Transaction Rule 'Require suppliers to provide quality certificate for line items on ship notices'.

The screenshot shows the Ariba Network Buyer settings page. The browser address bar displays the URL: <https://service.ariba.com/Buyer.aw/128484042/aw?awh=r&awssk=l0FunoA6#/b0>. The page contains several sections of settings:

- Do not allow these file extensions:** A text input field with a placeholder: "Enter comma-separated file extensions. For example: exe, mp3, avi."
- Attachment Filename Rule:** A checkbox labeled "Do not allow these characters in filename of attachments:" followed by a text input field.
- Order Confirmation and Ship Notice Attachment Rules:**
  - Allow suppliers to include attachments with order confirmations.
  - Leave attachments online.
  - Send URLs to view attachments on Ariba Network
  - Allow suppliers to include attachments with ship notices.
  - Leave attachments online.
  - Send URLs to view attachments on Ariba Network
  - Require suppliers to provide a quality certificate for line items on ship notices. (This option is highlighted with a red box.)
- Quick Enablement Rules:**
  - Allow Quick Enablement.
  - [Regenerate](#) Invoice Quick Enablement Customer Code :
- Quote Automation Rules:**
  - Forward quotes from public suppliers (This requires adapter having the ability to automatically create vendor in ERP).
  - Send attachments with Quote Message
- Order Confirmation and Ship Notice Rules:** (Section header visible at the bottom of the page)

The Windows taskbar at the bottom shows the system tray with the date and time: 11:45 08.08.2018.

# Feature at a Glance

## Introducing: Quality certificates in ship notices

Supplier ability to attach quality certificate along with ASN

The screenshot displays the SAP InVision app interface for a ship notice. The main content area is titled "Delivery and Transportation Information" and "Additional Fields". Below these, the "Order Items" section is expanded, showing a table with columns: Order #, Line #, Part #, Customer Part #, Revision Level, Qty, Unit, Need By, Ship By, Unit Price, Subtotal, and Customer Location. The first row shows Order # 4500012365, Line # 10, Part # VM\_IL-14419, Qty 500.0, Unit EA, Need By 5 Jul 2016, Ship By, Unit Price 20.00 EUR, Subtotal 10,000.00 EUR, and Customer Location. Below the table, there is a "Description: Coca Cola Zero 1L".

Below the description, there are sections for "Shipment Status" (Total Item Due Quantity: 500.0 EA), "Confirmation Status" (Total Confirmed Quantity: 0 EA, Total Backordered Quantity: 0 EA), and "Serial Numbers for Ship Quantity (required)" (Status: Incomplete).

A red box highlights the "Quality Certificates (required)" section, which contains three entries:

Quality Certificates (required)	Attach file
Certificate of analysis	<a href="#">cert_analysis_49302592_1.pdf</a> 2.5MB
	<a href="#">cert_analysis_49302592_2.pdf</a> 2.5MB
Certificate of conformance	<a href="#">cert_conformance_49302592.pdf</a> 2.5MB

Below the quality certificates, there is a "Ship Notice Lines" section with a table:

Line	Ship Qty	Supplier Batch ID	Production Date	Expiry Date	Serial Numbers	Download PDF	Add Details
1	250				0 / 250 Incomplete	<a href="#">Download PDF</a>	<a href="#">Add Details</a>
2	250				0 / 250 Incomplete	<a href="#">Download PDF</a>	<a href="#">Add Details</a>

Below the ship notice lines, there is an "Add Ship Notice Line" button.

At the bottom, there is an "Other Information" section with fields for Auxiliary Part ID: AXSPA001, Manufacturer Part ID: AX4518, and Manufacturer Name: 20008496.

The bottom of the screen shows the Windows taskbar with various application icons and the system tray showing the time as 6:14 AM on 2/15/2018.



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## Introducing: Quality certificates in ship notices

Setting mandates supplier to attach a Certificate in the ASN item

The screenshot shows the SAP Ariba Supplier interface for an order item. The browser address bar indicates the URL: <https://svclq2.ariba.com/SCMSupplier.aw/101146040/aw?awh=r&awssk=PMYNN2Zr&awrdt=1#b0>. The page title is "Ariba Network Supplier".

**Order Items**

Order #	Line #	Part #	Customer Part #	Qty	Unit	Need By	Ship By	Unit Price	Subtotal	Customer Location	
4500503194	10		CSC-IM-FP-5001	10.0	KGM	17 Aug 2018		£190.00 GBP	£1,900.00 GBP	0001	Remove

Description: CSC Finished Product 1001

**Shipment Status**  
Total Item Due Quantity: 10 KGM

**Confirmation Status**  
Total Confirmed Quantity: 0 KGM    Total Backordered Quantity: 0 KGM

**Quality Certificates \***

Attachment	Status	Action
E31A - Abnahmeprüfzeugnis "3.1.A" EN 10204	No attachment yet	<a href="#">Attach file</a> E31A - Abnahmeprüfzeugnis "3.1.A" EN 10204

! This order requires one or more quality certificates

**Line**

Line	Ship Qty	Supplier Batch ID	Production Date	Expiry Date	
1	10				<a href="#">Add Details</a>

[Add Ship Notice Line](#)

[Add Order Line Item](#)

[Pack Items](#) [Save](#) [Exit](#) [Next](#)

**SAP Ariba**  
JU-aFKotNK75b5b4c9b10114609314 lastName (CSC\_HT\_Supplier\_1) last visited 10 Aug 2018 2:44:58 AM | CSC High Tech Supplier 1 | AN02000001453  
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As soon as supplier attached required certificate processing can continue

### Order Items

Order #	Line #	Part #	Customer Part #	Qty	Unit	Need By	Ship By	Unit Price	Subtotal	Customer Location	
4500503194	10		CSC-IM-FP-5001	10.0	KGM	17 Aug 2018		£190.00 GBP	£1,900.00 GBP	0001	<a href="#">Remove</a>

Description: CSC Finished Product 1001

#### Shipment Status



Total Item Due Quantity: 10 KGM

#### Confirmation Status

Total Confirmed Quantity: 0 KGM      Total Backordered Quantity: 0 KGM

#### Quality Certificates \*

 E31A - Abnahmeprüfzeugnis "3.1.A" EN 10204      Certificate.pdf      12 KB      [Attach file](#) 

Line	Ship Qty	Supplier Batch ID	Production Date	Expiry Date	
1	<input type="text" value="10"/>	<input type="text"/>	<input type="text" value=""/> 	<input type="text" value=""/> 	<a href="#">Add Details</a>

[Add Ship Notice Line](#)



[Add Order Line Item](#)

[Pack Items](#)

[Save](#)

[Exit](#)

[Next](#)

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## Introducing: **Quality certificates in ship notices**

Automatic creation of quality certificate record in ERP upon creation of inbound delivery

The screenshot shows the SAP 'Display Quality Certificate: Initial Screen'. The interface includes a menu bar (Certificate, Edit, Goto, Environment, System, Help) and a toolbar with various icons. The main area is titled 'Certificate data' and contains a 'Certificate' input field. Below this is a 'Reference Documents' section with a table of data. At the bottom, a 'Quality Report: Selection' dialog box is open, displaying a table with one row of data.

Purchase Order	Item
4500503157	10

Material Doc.	Document Item	Doc. Year

Deliv. Note

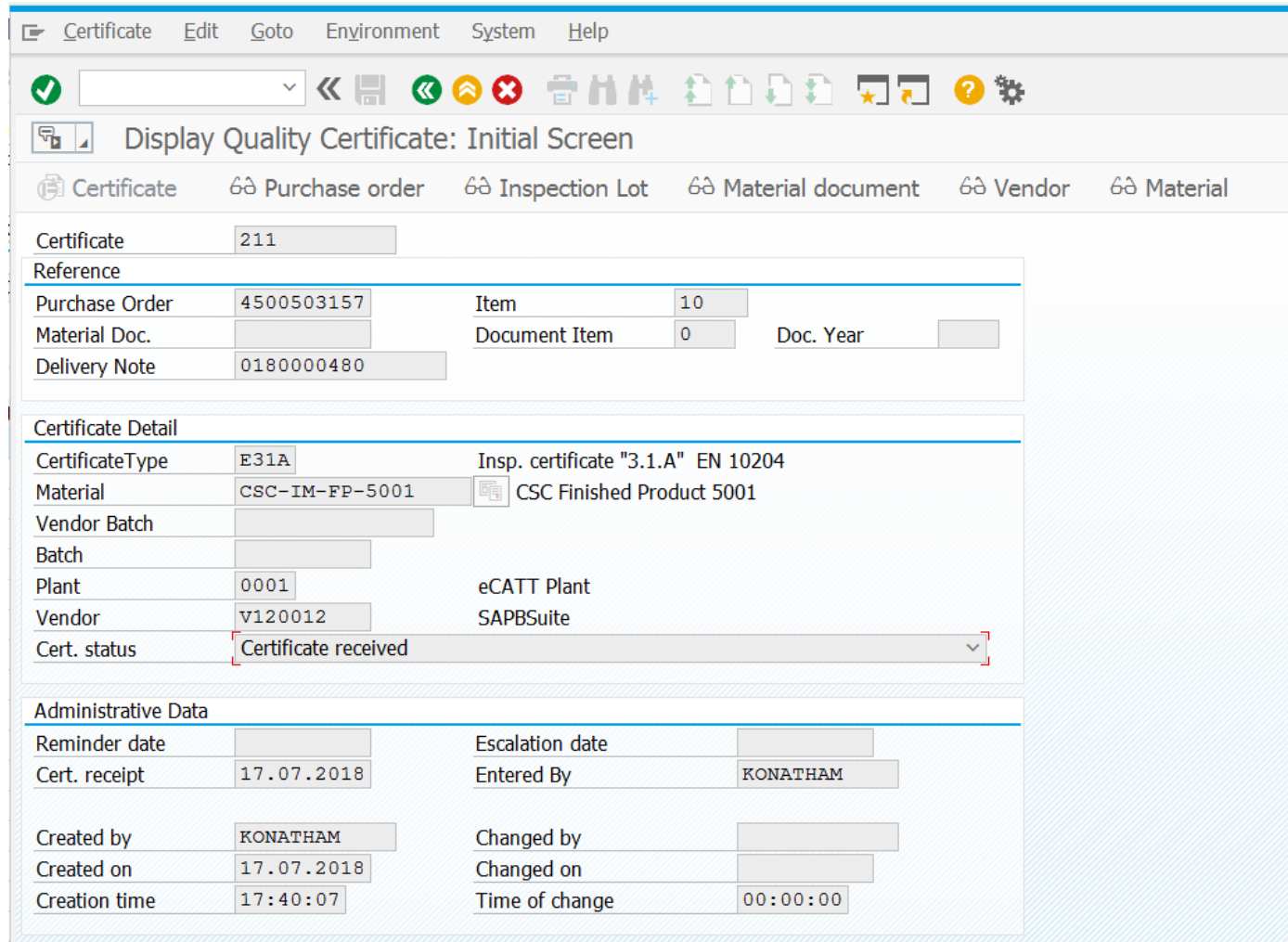
  

Certif.	Certificate status	Deliv.Note	Purchasing Doc.	Item	Material	Plant	Vendor
211	Certificate received	0180000480	4500503157	10	CSC-IM-FP-5001	0001	V120012

# Feature at a Glance

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All other relevant fields on the certificate like vendor, material, certificate type, vendor batch, customer batch, plant and many other fields are recorded



The screenshot shows the SAP 'Display Quality Certificate: Initial Screen' interface. It features a menu bar with 'Certificate', 'Edit', 'Goto', 'Environment', 'System', and 'Help'. Below the menu is a toolbar with various icons for navigation and actions. The main content area is divided into several sections:

- Navigation:** Buttons for 'Certificate', 'Purchase order', 'Inspection Lot', 'Material document', 'Vendor', and 'Material'.
- Certificate:** A text field containing the value '211'.
- Reference:** A table with the following data:

Purchase Order	4500503157	Item	10	
Material Doc.		Document Item	0	Doc. Year
Delivery Note	0180000480			
- Certificate Detail:** A table with the following data:

CertificateType	E31A	Insp. certificate "3.1.A" EN 10204
Material	CSC-IM-FP-5001	CSC Finished Product 5001
Vendor Batch		
Batch		
Plant	0001	eCATT Plant
Vendor	V120012	SAPBSuite
Cert. status	Certificate received	
- Administrative Data:** A table with the following data:

Reminder date		Escalation date	
Cert. receipt	17.07.2018	Entered By	KONATHAM
Created by	KONATHAM	Changed by	
Created on	17.07.2018	Changed on	
Creation time	17:40:07	Time of change	00:00:00