

SQPS-935: SQP Handbook for Suppliers

S. Dumont
Electronic Components Commodity SQE



veoneer

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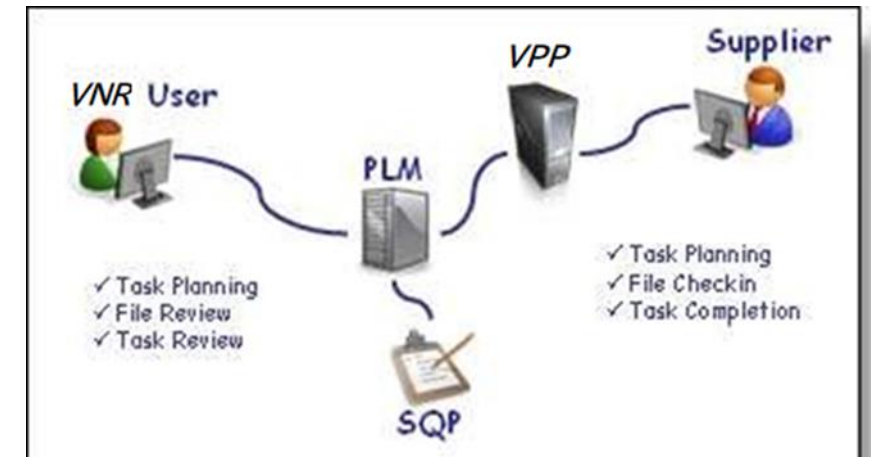
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OVERVIEW

Overview

- ❑ SQP stands for "Supplier Quality Project". These Projects are used to manage the S-APQP and PPAP process between Veoneer and its Suppliers.
- ❑ Each SQP represents the full process for the approval of S-APQP and PPAP for a specific Supplier's Part.
- ❑ A SQP is created by a Veoneer Project Supplier Quality Engineer to monitor and document the development of a supplier's quality process during product launch and/or revision. By managing tasks in a standardized project format, the supplier's APQP/PPAP documents are created, uploaded, and reviewed over time. When managed properly, this helps to level the workload, allows problems to be found and corrected early in the project and improves PPAP timing and accuracy.
- ❑ From Veoneer's side, The SQPs are managed by the Supplier Quality (SQ) Representative in the "Product Management" system (PLM).
- ❑ From Supplier's side, the SQP can be accessed through the Veoneer Partner Portal which must be seen as the master repository for quality information and documentation regarding the Part (The Supplier account must have access to the "Engineering Document Application").



Overview

Supplier's Responsibilities using SQP :

❑ Supplier's commitment date for the task

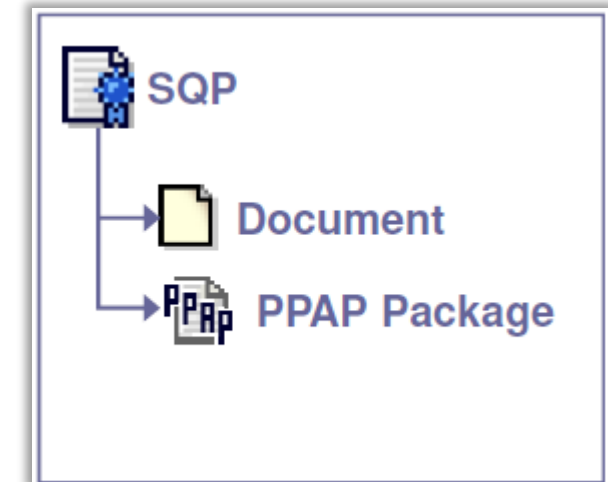
- The Supplier is required to **input** the Supplier **Commit Date** for each task which shows Veoneer Due Date and notifies the Project SQ when it is done.

❑ Submit the files and promote task to Review State

- **Check in the file(s)** to each task, which is set Deliverable Requirement as TRUE.
- Prior to commitment date, select one or multiple tasks to **promote to Review**.

❑ Supplier creates PPAP Package

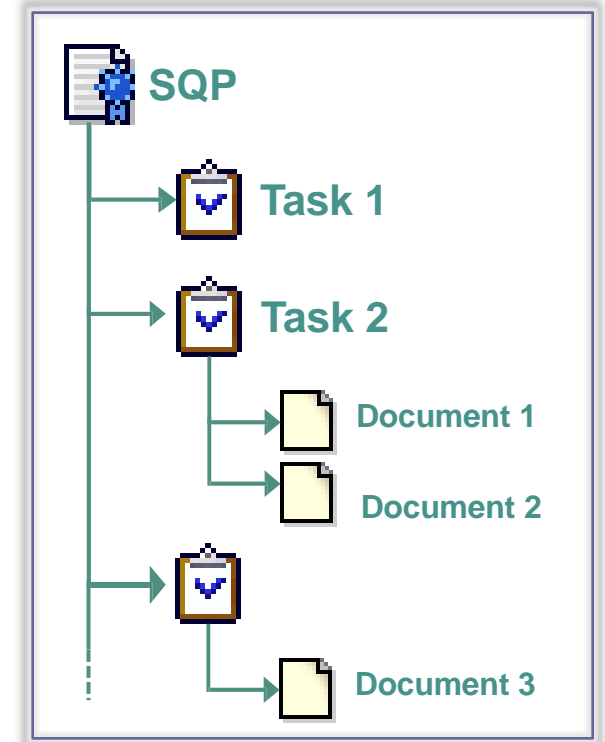
- Once **all PPAP tasks are Released** including PSW Submission, Supplier **creates PPAP Package**.



Overview

Task and Documents :

- Each SQP consists of a **list of tasks** (Resulting from an earlier agreement between Veoneer and the supplier about list of activities to be conducted for APQP/PPAP)
- Some **tasks require documents** (Deliverables) as output. Other Tasks do not have deliverables and are used as verification that an activity has been done.
- Each task has a (Veoneer) **Due date** and a Supplier **Commit Date** for completion (These dates need to have Alignment).
- All **Tasks require an approval** of a Veoneer representative to be completed.
- For the Completion of a Task the following steps are required (More detailed description will come in the next page of this material) :
 - ☐ The supplier to “**Check in**” the **Deliverable(s)** when applicable (Task requiring a deliverable).
 - ☐ The supplier to **promote** the task **for Review**
 - ☐ Veoneer to **Release the Task**





PROCESS FLOW

Process Flow for SQP and Tasks

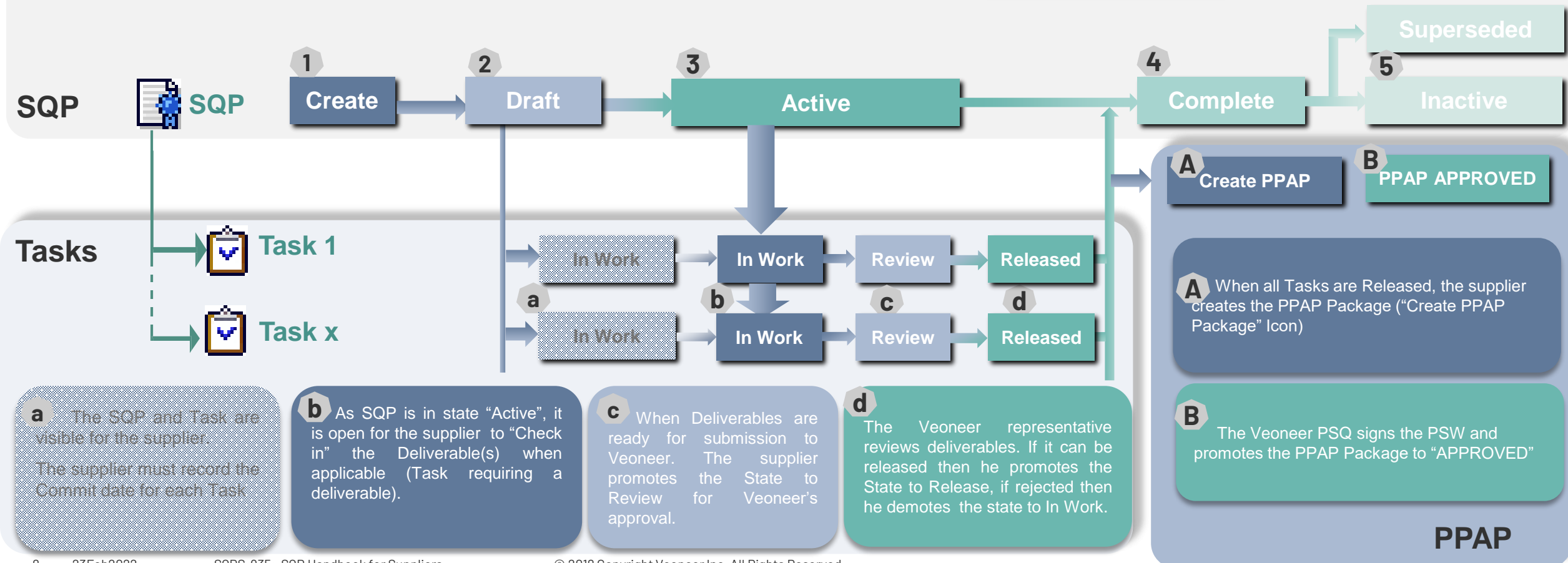
1 The Veoneer Project SQ (PSQ) Creates the SQP with the associated list of task with Due Dates. (SQP Not visible by the supplier)

2 The PSQ promotes the State to "Draft" and the SQP and tasks are now visible for the supplier to record the "Supplier Commit Dates" (deliverable can't be uploaded).

3 When Commit Dates are agreed, the PSQ promotes the State to "ACTIVE" and tasks are now open for the supplier to work with deliverables.

4 When all tasks are completed the PSQ will promote the SQP State to "COMPLETE"

5 The State of the SQP will change to Superseded or Inactive when Appropriate or needed (e.g. End of Life, Product change)

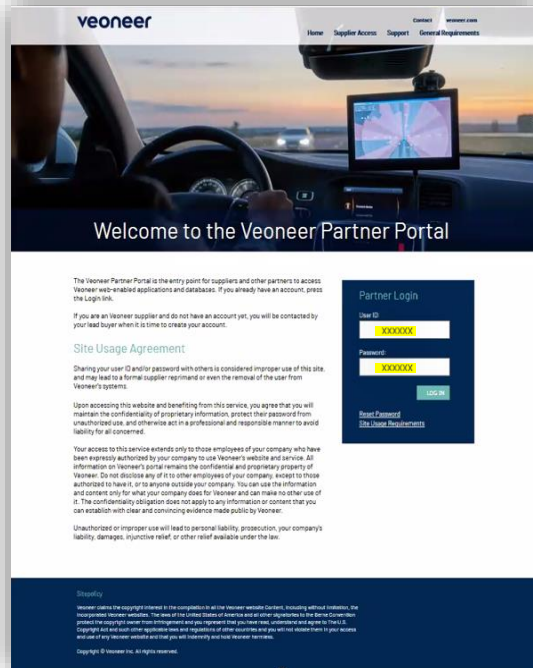




ACCESS SQP and MAIN PAGES

How to access SQP in VPP

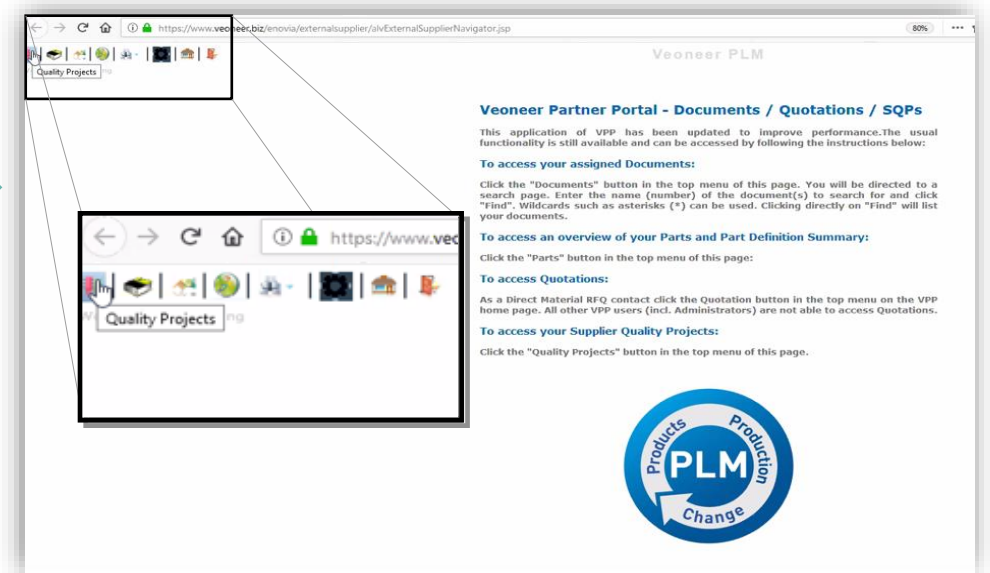
Log in to VPP



Select « Applications », then « Engineering Documents »



Click on the « Quality Project » icon



The SQPs assigned to your company are displayed. Click on SQP number to start .

Name	SQP Type	Description	Part	Part Title	Selected VPP	Approval Status	Expiration Date	Files	P/W A/V Due Date	Supplier Name	Issues	Status	Created	Submitted
6167459004	Supplier Quality Project	SMBA-W192 - Change Lead Name from Mats to HQ at Casem	6167459004	INTEGRATED CIRCUIT, ASSC, S0408, QFN-44, SMD, SLP, (A), R9			2019-12-20		2019-12-20	Remy Castaigne	Active	Active	2019-11-13	
6167294604	Supplier Quality Project	SMBA-W192 - Change Lead Name from Mats to HQ at Casem	6167294604	INTEGRATED CIRCUIT, ASSC, S0404, QFN-44, SMD, SLP, (A), R1			2019-12-20		2019-12-20	Remy Castaigne	Active	Active	2019-11-13	
6264122604	Supplier Quality Project	SMBA-W192 - Change Lead Name from Mats to HQ at Casem	6264122604	INTEGRATED CIRCUIT, ASSC, S0504, QFN-44, SMD, SLP, (A), R9			2019-12-20		2019-12-20	Remy Castaigne	Active	Active	2019-11-13	
6264122604	Supplier Quality Project	SMBA-W192 - Change Lead Name from Mats to HQ at Casem	6264122604	INTEGRATED CIRCUIT, ASSC, S0504, QFN-44, SMD, SLP, (A), R9			2019-12-20		2019-12-20	Remy Castaigne	Active	Active	2019-11-13	
6178212204	Supplier Quality Project	SMBA-W192 - Change Lead Name from Mats to HQ at Casem	6178212204	INTEGRATED CIRCUIT, ASSC, S0504, QFN-44, SMD, SLP, (A), R9			2019-12-20		2019-12-20	Remy Castaigne	Active	Active	2019-11-13	
6178212204	Supplier Quality Project	SMBA-W192 - Change Lead Name from Mats to HQ at Casem	6178212204	INTEGRATED CIRCUIT, ASSC, S0504, QFN-44, SMD, SLP, (A), R9			2019-12-20		2019-12-20	Remy Castaigne	Active	Active	2019-11-13	
6167459004	Supplier Quality Project	SMBA-W192 - Change Lead Name from Mats to HQ at Casem	6167459004	INTEGRATED CIRCUIT, ASSC, S0408, QFN-44, SMD, SLP, (A), R9			2019-12-20		2019-12-20	Remy Castaigne	Active	Active	2019-11-13	
6167294604	Supplier Quality Project	SMBA-W192 - Change Lead Name from Mats to HQ at Casem	6167294604	INTEGRATED CIRCUIT, ASSC, S0404, QFN-44, SMD, SLP, (A), R1			2019-12-20		2019-12-20	Remy Castaigne	Active	Active	2019-11-13	
6264122604	Supplier Quality Project	SMBA-W192 - Change Lead Name from Mats to HQ at Casem	6264122604	INTEGRATED CIRCUIT, ASSC, S0504, QFN-44, SMD, SLP, (A), R9			2019-12-20		2019-12-20	Remy Castaigne	Active	Active	2019-11-13	
6264122604	Supplier Quality Project	SMBA-W192 - Change Lead Name from Mats to HQ at Casem	6264122604	INTEGRATED CIRCUIT, ASSC, S0504, QFN-44, SMD, SLP, (A), R9			2019-12-20		2019-12-20	Remy Castaigne	Active	Active	2019-11-13	



MAIN SQP DISPLAY PAGES

Main Page : List of SQP

click on the Quality Project icon to display the list of SQP as shown below.

Annotations for the SQP List Table:

- SQP Name**: Points to the 'Name' column header.
- SQP Description**: Points to the 'Description' column header.
- Part Number**: Points to the 'Part' column header.
- Component Description**: Points to the 'Part Title' column header.
- PPAP# visible after PPAP submission**: Points to the 'Related PPAP' column header.
- PPAP approval State after PPAP submission**: Points to the 'Approval Status' column header.
- PPAP expiration date (if applicable)**: Points to the 'Expiration Date' column header.
- PAPP Documentation**: Points to the 'Files' column header.
- PPAP Due Date**: Points to the 'PSVR Due Date' column header.
- Supplier Name**: Points to the 'Supplier Name' column header.
- Veoneer SQP Owner**: Points to the 'Owner' column header.
- SQP State**: Points to the 'State' column header.
- SQP Creation Date**: Points to the 'Created' column header.

Name	SQP Type	Description	Part	Part Title	Related PPAP	Approval Status	Expiration Date	Files	PSVR Due Date	Supplier Name	Owner	State	Created	Milesto
128527	Supplier Quality Project	Supplier Quality Project for Part 618729400A 00 INTEGRATED CIRCUIT,	618729400A	INTEGRATED CIRCUIT, ASIC, QFN-44	SUB137954	Approved		128527_HistoryReport.html 128527_WbsReport.html 128527.zip	2013-07-10		Stephane Dumont	Complete	2013-11-24	
128529	Supplier Quality Project	Supplier Quality Project for Part 61874500A 00 INTEGRATED CIRCUIT,	61874500A	INTEGRATED CIRCUIT, ASIC, QFN-44,	SUB137956	Approved		128529_HistoryReport.html 128529_WbsReport.html 128529.zip	2013-07-10		Stephane Dumont	Complete	2013-11-24	
129116	Supplier Quality Project	Supplier Quality Project Clone for Part 6266151A 00 INTEGRATED CIRCUIT,	62661251A	INTEGRATED CIRCUIT, ASIC, QFN-44, SMD, (LF), (A), SPECIAL	SUB134834	Approved		129116_HistoryReport.html 129116_WbsReport.html	2013-12-02		Thierry Crespo	Complete	2013-11-24	2013-10
137773	Supplier Quality Project	PPAP update related to the PCN2012026 01 change to leadfree	61115400A	INTEGRATED CIRCUIT, SOIC-28,	SUB133526	Approved		137773.zip	2014-03-20		Thierry Crespo	Complete	2014-03-20	
137774	Supplier Quality Project	PPAP update related to the PCN2012021 change to leadfree	61136300A	INTEGRATED CIRCUIT, SOIC-16, SMD, (LF), (A), P1	SUB133528	Approved		137774.zip	2014-03-20		Thierry Crespo	Complete	2014-03-20	
143527	Supplier Quality Project	SQP for SREA	60960700A	INTEGRATED CIRCUIT, SOICW-28 SOICW-28, SMD, (LF), (A), P1	SUB151901	Approved		143527.zip	2015-04-30		Patrick Mesnil	Complete	2014-06-08	
144822	Supplier Quality Project	SQP for 88802	61236300A	INTEGRATED CIRCUIT, SOIC-16, SMD, (LF), (A), P1	SUB156165	Approved		144822.zip	2015-04-17		Patrick Mesnil	Complete	2014-07-03	
148340	Supplier Quality Project	Supplier Quality Project for Part 62661500A INTEGRATED CIRCUIT, ASIC, Update 2nd site	62661500A	INTEGRATED CIRCUIT, QFN-44, SMD, (LF), (A),	SUB143791	Approved		148340.zip	2014-09-30		Thierry Crespo	Complete	2014-09-10	
148382	Supplier Quality Project	SQP for AP304	60642300C	INTEGRATED CIRCUIT, SOIC-36, SMD, (LF), (A), P1	SUB143425	Approved		148382.zip	2014-09-12		Stephane Dumont	Complete	2014-09-11	
158918	Supplier Quality Project	SQP for SREA finaltest	61875800A	INTEGRATED CIRCUIT, QFN-44, SMD, (LF), (A), P3	SUB155177	Approved		158918.zip			Thierry Crespo	Complete	2015-05-07	
165839	Supplier Quality Project	SQP for SREA finaltest	61879400A	INTEGRATED CIRCUIT, QFN-44, 04 SMD, (LF), (A), P1	SUB160101	Approved		165839.zip	2015-11-20		Thierry Crespo	Complete	2015-10-15	
168230	Supplier Quality Project	Change	61785100A	INTEGRATED CIRCUIT, QFN-20, 102 SMD, (LF), (A), P1	SUB165342	Approved		168230.zip	2016-02-12		Patrick Mesnil	Complete	2015-12-10	
168231	Supplier Quality Project	Change	61785200A	INTEGRATED CIRCUIT, ASIC, QFN-32, SMD, (LF), (A), P1	SUB165345	Approved		168231.zip	2016-02-12		Patrick Mesnil	Complete	2015-12-10	

To open an SQP click on the Name.

Main SQP display details

Click on the SQP Name of interest to Enter the Navigation View and display the SQP task list (Task Overview) as shown below :

Task selection box

Task State selection menu

APQP/PPAP document number

Task State
("in work"/Review"/released")

Veoneer expected due date for each task

Supplier committed Due date for each task

Actual Task completion date

Task timing State
Displays the State of the Task:
Green: On time
Yellow: Approaching Due Date
Red: Late

Working spaces for Deliverable of each task

Navigation Tree

Task ID

Task Name.

Task Description

Task ID	Document Name	Description	Document Number	State	ALV Due Date	Supplier Commit Date	Actual Completion Date	Timing Status	Deliverable
14	Material Certifications	Material test Results, Material a... (more)	E8191173	Released	2022-01-21	2022-01-21	2022-01-21	On time	14. Material and Performance Certifications.zip (5.0 mb)
15	Master Sample	Master Sample packing list and tracking... (more)	E8191174	Released	2022-01-21	2022-01-21	2022-01-21	On time	Part 6820695008--sample.kb
17	VS244 labels	Upload VS244 label for cardboard and pal... (more)	E8191175	Review	2022-01-21	2022-01-21	2022-01-21	On time	17. VS244 label for cardboard VS244_packing label number
16	Material Handling and Packaging Instructions	Upload approved packaging form and copy... (more)	E8191176	Review	2022-01-21	2022-01-21	2022-01-21	On time	VS246 approved packaging of shipping label.xlsx (3.0 mb)
18	Veoneer Engineering Approval	Veoneer Engineering Approval	E8191177	Released	2022-01-21		2022-01-21	On time	
19	Dock audit report	Dock audit report results with parts fro... (more)	E8191178	Released	2022-01-21	2022-01-21	2022-01-21	On time	Dock audit report results
20	PSW Submission	Upload the completed Part Submission War... (more)	E8191179	In-Work	2022-01-28	2022-01-28		Approaching Due Date	

Properties Page

Click on “Properties” from the Navigation tree to display the SQP property details

Welcome : mianh Leon

Supplier Quality Project 21604

AS 51 Rating

Part

61874800A

Part Title

INTEGRATED CIRCUIT, QFN-44, SMD, (LF), (A), P3

SQ

Remy Casalonga

Approval Status PPAP Package

Release Date PPAP Package

State

Active

Supplier

Supplier 86031

Asset

Buyer

Expiration Date PPAP Package

PSW Submission Due Date

12/20/19 11:59 PM

Properties

Members

Task Overview

Parts

PPAP Package

Related SQP

Files

Supplier Quality Project 210604 1573661419420384579: Properties

Name

210604

SQP Description

SREA #162 - Change Lead frame

PPAP Level

4

CLD Level

1

State

Active

Creation Date

2019-11-13

Owner

Remy Casalonga

Part

61874800A - INTEGRATED CIRCUIT, QFN-44, SMD, (LF), (A), P3

Principal Document

Part Specification - 61858 - 002

Supplier

Supplier 86031 -

Supplier Team

AS51 Rating SQP

SQP Rating-Comments

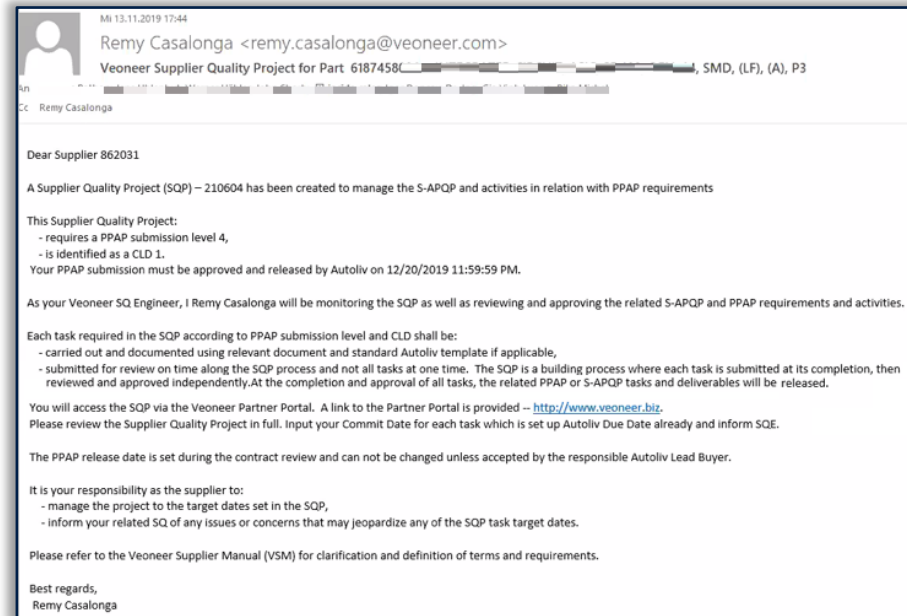
Description of SQP
PPAP Level as defined in AIAG PPAP Manual
CLD Level – Control Level Definition
State of SQP : Create, Draft, Active , Complete, Superseded, Inactive
Creation Date of SQP
SQP Veoneer Owner
Part Description
Part Drawing / Specification
Supplier Assigned
Supplier Team members – List maintained by Supplier in VPP
VS051 Rating for this SQP (Accuracy, On Time)
VS051 Comments



SQP “DRAFT” State

"Draft" State

- When the **Veoneer PSQ promotes the** State from create to **draft**, the supplier will receive an **email**, who will then be able to view and access the SQP :



What Supplier must do in this State:

- Fill the **Supplier Commit Date for the tasks**:
 - Verify that each task with a Veoneer Due Date has an associated Supplier Commit Date.
- Inform PSQ** to review the supplier's Commit Dates by clicking '**Notify SQ**' Button.

"Draft" State

How to record the supplier Commit Date:

Supplier Quality Project 21024

Part: 68062200A, Part Title: INTEGRATED CIRCUIT, INTERFACE, QFN-48, State: Draft, Supplier: Supplier 68908

SO: Stephane Dumont, Buyer: , Approval Status: PPAP Package, Release Date: PPAP Package, Expiration Date: PPAP Package, PSW Submission Due Date: 3/27/20 11:59 PM

Document Number	Document Name	Description	State	Due Date	Supplier Commit Date	Completion Date	Deliverable
E8087768	Project Team	Upload the file describing the Project t... (more)	In-Work	2020-02-03			
E8090924	Veoneer CRS	Upload the latest CRS (Component Require... (more)	In-Work	2020-02-03			
E8087770	Component datasheet	Upload the datasheet revision as referen... (more)	In-Work	2020-02-03			
E8087771	Component Package Drawing	Component Package dimensions and pin num... (more)	In-Work	2020-02-10			
E8087772	Lot Traceability Plan	Upload Lot Traceability Flowchart. (Ref... (more)	In-Work	2020-03-10			
E8087773	Material Handling and Packaging Instructions	Upload approved packaging form and copy... (more)	In-Work	2020-02-10			
E8087774	Supplier Timing Plan	Upload complete time plan including proc... (more)	In-Work	2020-02-03			
E8087775	Substance Review	Upload Approved Waiver Request Form for... (more)	In-Work	2020-02-10			
E8087776	Contract Review	Upload agreed and signed Contract Review... (more)	In-Work	2020-02-06			
E8087777	Process Flow chart	Upload Process Flowchart that includes a... (more)	In-Work	2020-04-03			
E8087778	Production Test Flow	Upload the production Test Flow with tes... (more)	In-Work	2020-03-19			
E8087779	Pin FMEA and defined rules	Upload the pin FMEA, identifying potenti... (more)	In-Work	2020-04-03			
E8087780	Design FMEA	Upload DFMEA (if you do not have design... (more)	In-Work	2020-04-02			
E8087781	Process FMEA	Upload the Process Failure Mode and Effe... (more)	In-Work	2020-04-14			
E8087782	Qual Plan	Upload the Qualification Plan : to be su... (more)	In-Work	2020-04-02			
E8087783	Qualified Laboratory Documentation	Upload all laboratory accreditations and... (more)	In-Work	2020-04-07			
E8087784	Special Characteristics	Upload the completed CC/SC list and Mess... (more)	In-Work	2020-04-07			
E8090925	VS002 Process Audit	If requested by Veoneer, a VS002 Process... (more)	In-Work	2020-04-17			
E8087786	Reliability / Quality prediction	Reliability prediction (FIT) and Quality... (more)	In-Work	2020-04-12			

- In the Task Overview Tab **1**, click the 'Edit' button **2** to enter edit mode.
- Input the Due Date (Supplier Commit Date) **3** for every task with a Veoneer Due Date.

"Draft" State

How to notify the Veoneer Project SQ that commit Date are completed :

Supplier Quality Project 21624

Part: 68062000A, Part Title: INTEGRATED CIRCUIT, INTERFACE, QFN-48, SMD, (LF), (A), NEW, SQ: Stephane Dumont, Approval Status: PPAP Package, Release Date: PPAP Package, State: Draft, Supplier: Supplier 76908, Asset: , Buyer: , Expiration Date: PPAP Package, PSW Submission Due Date: 3/27/20 11:59 PM

Document Name	Description	Document Number	State	ALV Due Date	Supplier Commit Date	Actual Completion Date	Timing Status	Deliverable
Project Team	Upload the file describing the Project t... (more)	E8087768	In-Work	2020-02-03	2020-02-03			
Veoneer CRS	Upload the latest CRS (Component Require... (more)	E8090924	In-Work	2020-02-03	2020-04-03			
Component datasheet	Upload the datasheet revision as referen... (more)	E8087770	In-Work	2020-02-03	2020-04-03			
Component Package Drawing	Component Package dimensions and pin num... (more)	E8087771	In-Work	2020-02-10	2020-02-06			
Lot Traceability Plan	Upload Lot Traceability Flowchart (Ref... (more)	E8087772	In-Work	2020-02-14	2020-02-06			
Material Handling and Packaging Instructions	Upload approved packaging form and copy... (more)	E8087773	In-Work	2020-05-10	2020-05-01			
Supplier Timing Plan	Upload complete time plan including proc... (more)	E8087774	In-Work	2020-02-03				
Substance Review	Upload Approved Waiver Request Form for... (more)	E8087775	In-Work	2020-02-10				

- Select the tasks which have Supplier Commit Date input.
- Select 'Notify SQ'
- The responsible PSQ will receive an email about your update and will review it



SQP “ACTIVE” State



“Active” State

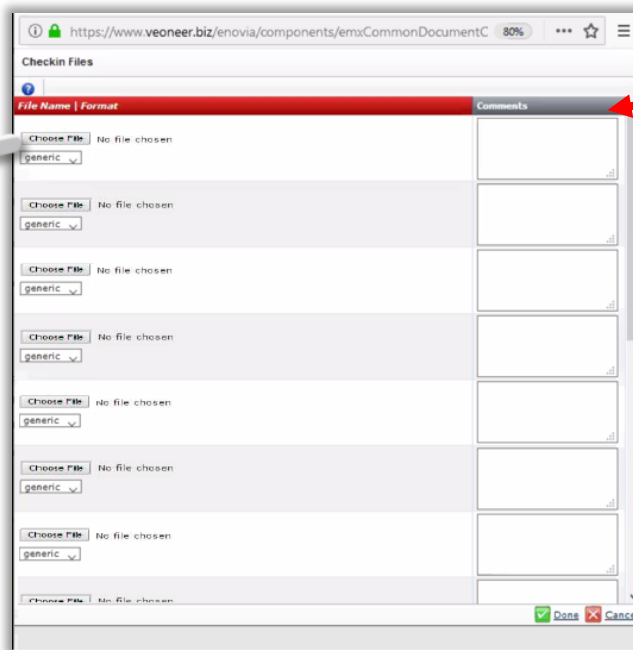
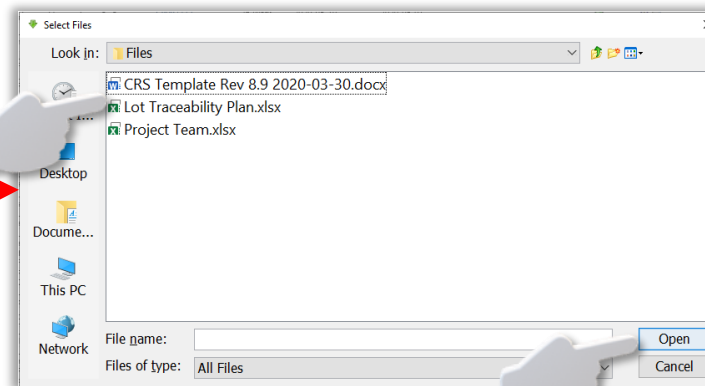
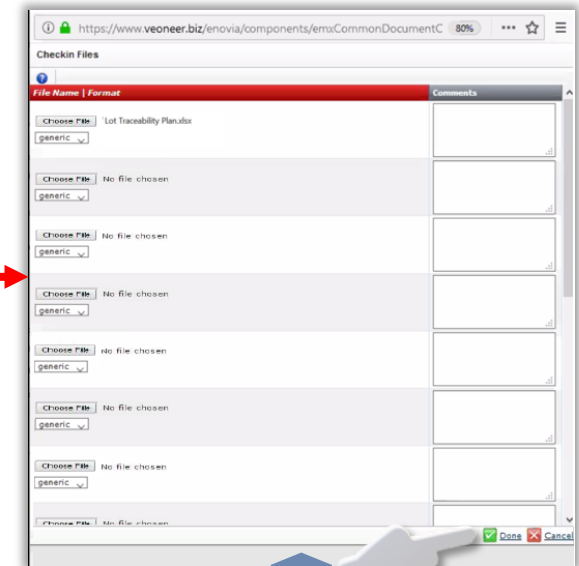
- ❑ Once the Supplier Commit Dates are accepted, the **PSQ will promote the SQP to Active**, which means Supplier is able to work on the tasks and submit the files.

- ❑ **What Supplier must do in this State:**
 - **Check-in one or more files to each task** which requires Deliverable (Deliverable Requirement is TRUE).
 - **Promote Task(s) to Review** when Deliverable is ready to be submitted.
 - **Create PPAP Package** after all tasks are released (In particular PSW has been uploaded into the PSW Task and released).

"Active" State

How to Check-in files into Tasks :

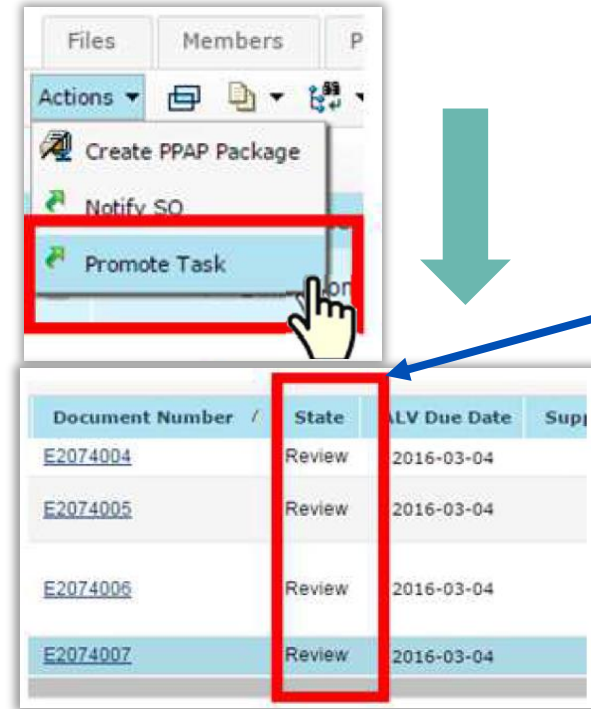
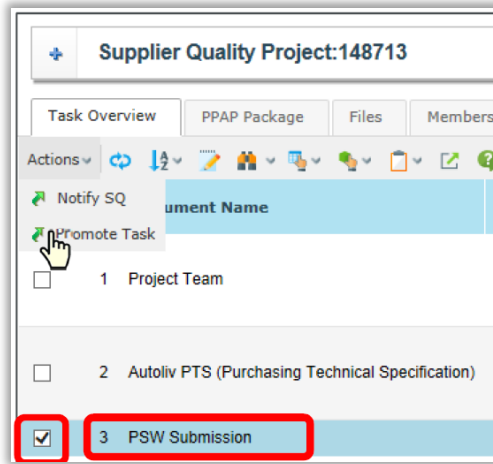
	Document Number	State	ALV Due Date	Supplier Commit Date	Actual Completion Date	Timing Status	Deliverable	Deliverable Required	Approver Role
BS	E8087770	In-Work	2020-02-03	2020-04-03				TRUE	Design Engineer
NS	E8087771	In-Work	2020-02-10	2020-02-06				TRUE	Design Engineer

- In the SQP windows, Supplier can click Check-in File button to upload the file(s) to the task.
- Comments are required each time a file is checked in.

"Active" State

How to Promote a Task to "Review" :



After promoting a task(s), the Task State will change to « Review » in the Task Navigation view.

- Supplier can select one or multiple tasks to promote.
- The task without Deliverable Requirement should be promoted as well to indicate the activity is completed.
- A message will appear on the screen to confirm the tasks are promoted successfully or need more actions.
- If Deliverable needs editing or correction, deleting the document is acceptable.

"Active" State Update Documents

Demoted Tasks :

- If you receive an email with « SQP xxxxxx has demoted Tasks » it means the files you submitted were rejected by PSQ. The files must be updated.
- The files can be added directly to the task additionally or by Checking out / Checking in. (See next page).

Dear Supplier Supplier 86031 :

You have been working on SQP 2104 for Part 6187-800A -- INTEGRATED CIRCUIT, QFN-44, SMD, (LF), (A), P3 .
The following tasks belong to it have been demoted .

Task E8086767 : Component datasheet -- ""

Task E8086768 : Component Package Drawing -- ""

-To view the demoted items, please use the following link:

VPP: <http://www.veoneer.biz>.

Best Regards,
Stephane Dumont

Consider the environment before printing this message.

To read the Company's Information and Confidentiality Notice, follow this link:

<http://www.veoneer.com/en/important-information-and-confidentiality-notice>

"Active" State

Update Documents

The screenshot displays the 'Supplier Quality Project 21064' interface. The top section shows project details: AS 51 Rating, Part 6187458A, Part Title INTEGRATED CIRCUIT, QFN-44, SMD, (LF), (A), P3, SQ Stephane Dumont, Approval Status PPAP Package, Release Date PPAP Package, State Active, Supplier Supplier 81201, Asset, Buyer, Expiration Date PPAP Package, PSW Submission Due Date 12/20/19 11:59 PM.

The main table lists tasks with columns: Task ID, Document Name, Description, Document Number, State, Due Date, Supplier Commit Date, Actual Completion Date, Timing Status, and Deliverable. The tasks are numbered 3 through 10.

A 'Checkin Files' dialog box is overlaid on the table, showing a file selection interface. A yellow arrow points to the 'Check out' button in the dialog, and another yellow arrow points to the 'Update' button in the table. A blue circle with the number '1' is also present near the 'Update' button.

- Click on the Check out Button.
- Save the file in local drive and modify it
 - Once the Checkout button shows the yellow arrow down, means the file has been checked out.
- When the file is ready, click on Update button (yellow arrow down) and select the file which was just updated.
- The previous file will be replaced by the new one ; then go to the « Promote Task » again.

"Active" State

How To Delete Documents

Supplier Quality Project 2155

Ad. St. Rating: Part: 635148500C Part Title: ENCLOSURE NV3 PS K IN Zhai Approval Status PPAP Package Release Date PPAP Package Expiration Date PPAP Package PPAP Submission Due Date 3/25/22 12:00 AM

State: Active Supplier: Supplier 903042 Asset: Buyer: Jean pdf

Properties

Members

Task Overview

Approvals

Parts

PPAP Package

Plant SQP

Related Results

Related SQP

Related TRC

Files

History

Successfully deleted 1 task(s).

Task ID	Document Name	Description	Document Number	State	ALV Due Date	Supplier Commit Date	Actual Completion Date	Timing Status	Deliverable
1	SREA	upload signed SREA	635148500C	Released	2022-01-14	2022-01-14	2022-01-14		SREA for NV3 House
2	Design records	Upload applicable design records	635148500C	Released	2022-01-14	2022-01-14	2022-01-14		6351485_005.pdf
3	Special Characteristics	Copy/paste from CC/SC list and MAS from...	635148500C	Released	2022-01-21	2022-01-21	2022-01-27		Measurement Agree
4	Lot Traceability Plan	Upload Lot Traceability Flowchart (Ref...	635148500C	Released	2022-01-14	2022-01-14	2022-01-14		Lot Traceability plan
5	Sub-Supplier PPAP	Upload signed PPAPs from ALL sub-supplier...	635148500C	Released	2022-01-14	2022-01-14	2022-01-14		PPAP for A260.pdf
6	Process Flow Chart	Upload Process Flowchart that includes a...	635148500C	Released	2022-01-21	2022-01-21	2022-01-21		Process Flowchart F
7	Process FMEA	Upload the Process Failure Mode and Effe...	635148500C	Released	2022-01-21	2022-01-21	2022-01-21		PPAP for 6351485
8	Control Plan	Upload the production control plan, CP m...	635148500C	In-Work	2022-01-28	2022-01-28			Control Plan for 6351485
9	PPAP Production Trial Run	Upload Production Trial Run Report	635148500C	In-Work	2022-02-18	2022-02-18			PPAP for 6351485
10	Measurement System	Upload all gage R&P's on measurement equi...	635148500C	In-Work	2022-02-28	2022-02-28			Measurement System
11	Initial Capability Studies	Upload Initial Capability Studies, 100 p...	635148500C	In-Work	2022-02-28	2022-02-28			Initial Capability Studies
12	Dimensional Results	Upload Dimensional Results for this part...	635148500C	In-Work	2022-03-04	2022-03-04			Dimensional Results

- Click on Red X to delete uploaded Deliverable.
- Once the Deliverable is removed, a new Deliverable can be uploaded and promoted for review.

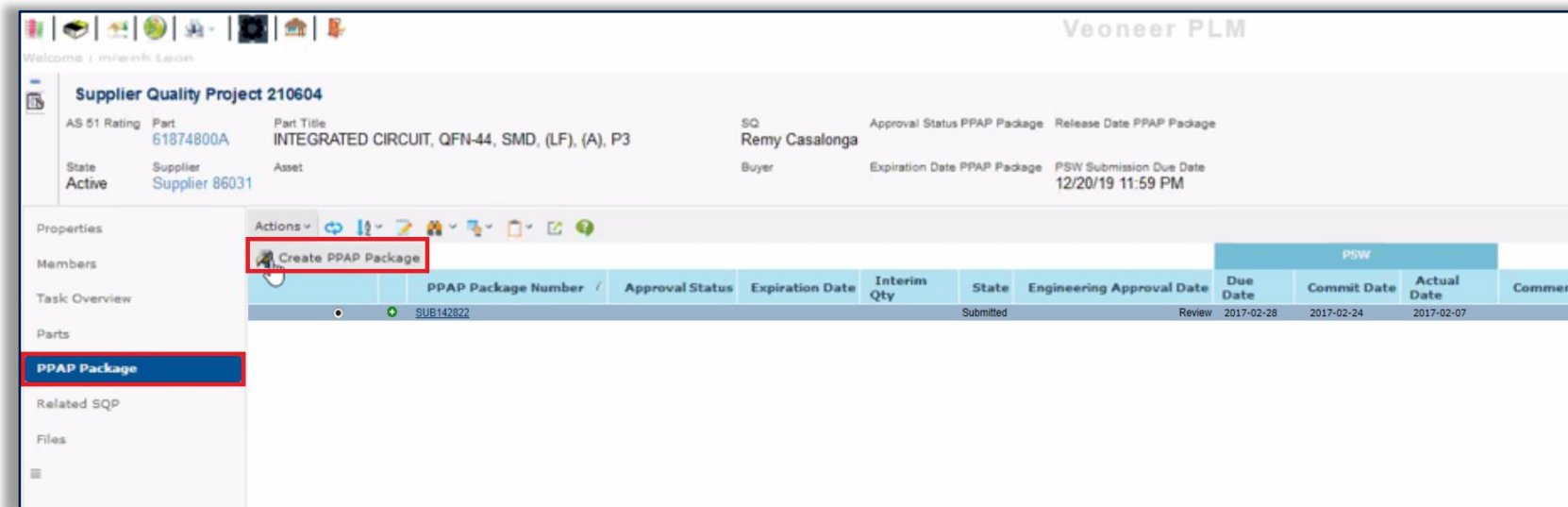


Create PPAP Package

"Active" State – Create PPAP Package

How To Create A PPAP Package

- Before creating the PPAP, please make sure all PPAP tasks are in "Released" state.



- In the "Navigation Tree" select the section "PPAP Package".
- Click on the Icon "Create PPAP Package".



VS051 – SQP Rating

Supplier Rating

❑ All activities associated with SQP / PPAP are subject to the monthly rating (VS051)

The Supplier is required to support the development process, in particular :

- S-APQPs Task & Milestones submitted and released on time.
- Well organized project management.
- Prototypes delivered on Time (if required).

❑ The SQP performance rating is tracked under “Service Rating” in the Supplier Rating Report. Refer to VS051 for more information

LEVEL	CRITERIA	RATING
0	Not applicable (No Milestone or key date passed in current month)	Green
1	Agreed/defined key tasks* delayed by the supplier, with impact on PPAP (timing and/or quality) to Veoneer.	Red
2	Agreed/defined key tasks* delayed by the supplier, but does not affect PPAP (timing and/or quality) to Veoneer	Yellow
3	Agreed/defined key tasks* and documents in SQP delivered with good quality in time.	Green



Appendix

Example of SQP Tasks & Roles (1/2)

Deliverable Name	PPAP /APQP	Deliverable Name	CDP Responsible	SQP Responsible	Deliverable Description for SQP
Project Team	APQP	Project Team	Program Manager	Product Engineering Leader (PEL)	Project Team
Design records	PPAP	Design records	Program Manager	Product Engineering Leader (PEL)	Upload the validated Veoneer drawing
Qualification Test Plan	APQP	Qualification Test Plan	Component Engineer	Component Engineer	Qualification Test Plan
Design FMEA	PPAP	Design FMEA	Technical Lead	Design Engineer	Design FMEA If available
Substance review	APQP	Substance review	SQE	Supplier Quality	IMDS report and VS005 report
Contract Review	APQP	Contract Review	Buyer	Buyer	Singed Contract Review
Key Milestone 1: Phase 1	APQP	Key Milestone 1: Phase 1	SQE	Supplier Quality	Phase 1 are completed and that project can proceed.
Special Characteristics	PPAP	Special Characteristics	SQE	Supplier Quality	Signed MAS 5measurement Agreement Sheet)
Lot Traceability Plan	PPAP	Lot Traceability Plan	SQE	Supplier Quality	Batch Traceability Flowchart
Process flowchart	PPAP	Process flowchart	SQE	Supplier Quality	Process flowchart
Process FMEA	PPAP	Process FMEA	SQE	Supplier Quality	Process FMEA and Pareto RPN
Supplier Timing Plan	APQP	Supplier Timing Plan	Program Manager	Product Engineering Leader (PEL)	Supplier Project Timing Plan
Qualified Laboratory Documentation	PPAP	Qualified Laboratory Documentation	SQE	Supplier Quality	All laboratory accreditations and scopes including raw material; i.e. ISO 17025, TS 16949. Must be current.
Sub-Supplier PPAP	PPAP	Sub-Supplier PPAP	SQE	Supplier Quality	Sub-Supplier accepted PPAP from Supplier
Special Processes	PPAP	Special Processes	SQE	Supplier Quality	Upload Applicable Assessment Report. (Ref: VSM - VS69)
Material Handling and Packaging Instructions	PPAP	Material Handling and Packaging Instructions	SQE	Supplier Quality	VSM - Logistics Requirements - Section: Packaging VS246 and section: Labeling VS244
Engineering Sample Approval	PPAP	Engineering Sample Approval	Program Manager	Product Engineering Leader (PEL)	If applicable, upload approval & comments from sample evaluations.
Appearance Approval Reports	PPAP	Appearance Approval Reports	SQE	Supplier Quality	Upload approved AAR Forms. (Ref: VSM; AIAG Manual-PPAP), if applicable
Checking Aids	PPAP	Checking Aids	SQE	Supplier Quality	List/Photos of all checking aids and documentation/description of any specific gauges or fixtures appearing in Control Plan including acceptance criteria of attribute gauges.
IMDS Approval	PPAP	IMDS Approval	SQE	Supplier Quality	Accepted IMDS report
First-Production-Trial-Run and Corrective Actions	APQP	First-Production-Trial-Run and Corrective Actions	SQE	Supplier Quality	Production Trial Run Report, phase First Trial Run (Ref: VSM - Veoneer Production Trial Run Standard).
Key Milestone 2: Phase 2	APQP	Key Milestone 2: Phase 2	SQE	Supplier Quality	Phase 2 are completed and that project can continue.

Example of SQP Tasks & Roles (1/2)

Deliverable Name	PPAP /APQP	Deliverable Name	CDP Responsible	SQP Responsible	Deliverable Description for SQP
Dimensional Results	PPAP	Dimensional Results	SQE	Supplier Quality	Dimensional Results for five parts. Note: Include numbered (ballooned) drawing with results. (Ref: VSM PPAP requirements)
Tool tag picture	PPAP	Tool tag picture	SQE	Supplier Quality	Picture of tool tag
PPAP Production Trial Run	APQP	PPAP Production Trial Run	SQE	Supplier Quality	Production Trial Run Report phase Run@Rate (Ref: VSM Veoneer Production Trial Run Standard).
Measurement System	PPAP	Measurement System	SQE	Supplier Quality	All gage R&Rs on measurement equipment used for Initial Capability Studies and for acceptance of SC/CC characteristics as outlined in the Control Plan. (Ref: VSM - PPAP requirements; AIAG Manual - MSA)
Initial Capability Studies	PPAP	Initial Capability Studies	SQE	Supplier Quality	Initial Capability Studies. 100 parts in total required for all CC, SC. (Ref: VSM - PPAP requirements)
Material Certifications	PPAP	Material Certifications	SQE	Supplier Quality	Material Test Results, Material and Performance Certifications and Product Validation Test Results. Qualification test report must show results for all tests agreed in the Qualification Test Plan.
Control Plan	PPAP	Control Plan	SQE	Supplier Quality	The production control plan. CP must be clearly linked to the process flow chart and PFMEA. It must include controls of SC/CC characteristics, Dock Audit and Annual Layout. (Ref: VSM - SQPS412; PPAP requirements).
DAR	PPAP	DAR	SQE	Supplier Quality	Dock Audit Report (DAR) with batch N°
Sample Production Parts	PPAP	Sample Production Parts	SQE	Supplier Quality	Send x PPAP parts to y at z. Upload delivery note and/or tracking number of sample shipment respectively promote task when done. (Details x, y and z to be defined by Veoneer.)
Master Sample	PPAP	Master Sample	SQE	Supplier Quality	Master Sample packing list and tracking number ,if applicable. Master Sample Photos .
Bulk Materials Requirements Checklist	PPAP	Bulk Materials Requirements Checklist	SQE	Supplier Quality	Bulk Materials Requirements Checklist (if applicable)
Team Feasibility commitment	PPAP	Team Feasibility commitment	Buyer	Buyer	Signed TFC with Veoneer TFC template
PSW Submission	PPAP	PSW Submission	SQE	Supplier Quality	Completed Part Submission Warrant (PSW) and, if applicable, agreed and Veoneer-signed Interim Recovery Worksheet (IRW).
Key Milestone 3: Phase 3	APQP	Key Milestone 3: Phase 3	SQE	Supplier Quality	Phase 3 are completed and that project can proceed. At this stage, when Milestone 3 is completed, the supplier will be able to deliver PPAP parts to the site that approved the components.
Run @ Rate	APQP	Run @ Rate	SQE	Supplier Quality	Production Trial Run Report phase Run@Rate and the Production Trial Capacity Report (Ref: VSM Veoneer Production Trial Run Standard)
Early Production containment	APQP	Early Production containment	SQE	Supplier Quality	Completed IIP Appendix A Result Sheet. (Ref: VSM - SQPS 412). Also called Safe Launch.
Key Milestone 4: Phase 4	APQP	Key Milestone 4: Phase 4	SQE	Supplier Quality	Phase 4 are completed and that the project can be closed.

Revision History :

Version #	Date	Author	Approver	Modification	Purpose
1.0	Jan. 25, 2020	Stéphane Dumont	Dennis Nielsen	New Release	New Release
1.1	Feb. 23, 2020	Stéphane Dumont	Dennis Nielsen	Minor Corrections/Clarifications & New Images to reflect database system changes	Corrections/Clarifications to reflect system screens

Thank You!

veoneer