



GM Scorecard Screen Images

Background

For all IATF 16949 audits, there are three key steps in the “Rules for achieving and maintaining IATF recognition 5th edition” to ensure a robust audit plan accounting for performance:

Rules 5.7.1 c) “customer and internal performance data since the previous audit”

Rules 5.7.2 Audit plan “certification body shall undertake an analysis of the required information (see section 5.7.1)”

Rules 5.7.2 a) “Each audit plan shall identify a minimum of one (1) hour on site ... for verification of data ...”

The GM Scorecard IATF 16949 Quick Reference Guide identifies the scorecards, information, and requirements relevant to the each of the Rules steps mentioned above as part of the IATF 16949 audit.

This document provides relevant reference scorecard and other performance metric screen images, providing a visual reference of the GM measures of client performance identified in the GM Scorecard IATF 16949 Quick Reference Guide.

The GM Scorecard IATF 16949 Quick Reference Guide is available through the [IATF globaloversight](https://www.iatf16949.org/) web page.

Table of Contents, showing the GM Supply Power screen images examples provided

<u>Screen image / Table Name</u>	<u>Page number</u>
SCMS Supplier Records screen	2
Impact Detail Report	3
Example CS 2 Notification letter	4
Sourceability Report showing BIQS Level	5
Impact Detail Report	5
Impact Detail Report showing Yard Holds	6
Impact Detail Report showing Field Actions	6
How to access the Sourceability and Impact Detail Reports	7
Impact Detail Report structure	7
Details of NBH and Field Actions	7
How to access SPPS Record Detail	8
Full SPPS detail Report Example	10



GM Scorecard Screen Images

SCMS Supplier Records screen showing the client name, city and state of the Manufacturing DUNS number, marked with an arrow.

Notes about DUNS numbers:

- Cottage DUNS (with 3 leading zeroes "000") are typically support sites or secondary contracted sub-tier sites
- Ultimate DUNS numbers represent the parent (corporate) entity for the company, and are not manufacturing
- Shipping DUNS, a logistics warehouse contracted to ship finished product to GM, and are not manufacturing
- Header DUNS, typically a sales office used for bids and contracts, are not manufacturing
- Manufacturing DUNS number is of the site manufacturing the product and is responsible for the part quality / logistics
- This example is a sample site at GM

DUNS Filter

Supplier Records

Supplier: 788077634 - GM ADVANCED ENGINEERING STAFF
MILFORD PROVING GROUNDS BLDG56
MILFORD - MI - 48380 - US

Ultimate Duns: 005356613

Sourceability Report for DUNS Sourceability Report for Ultimate DUNS Impact Detail Report

+ Add Record Include Expired Records Include Audit Records

Status Record Type Title Effective Date Forecast Date Expire Date

Details of GM's current quality requirements are available through [GM SupplyPower](#) in the Document Library, including: GM 1927 17, BIQS requirements, Quality SOR (Statement of Requirements), etc. Changes are shown on [SupplyPower](#).



GM Scorecard Screen Images

Impact Detail Report showing locations of severity, disruptions and SPPS descriptions. Other details are also on the report.

Impact Detail Report							
Mfg DUNS Location: 123456789 - TESTING - SAO PAULO , SP - BR - GMSA							
BIQS Survey Score does not impact Sourceability		Effective Date	Expiration Date				
BIQS Survey Score: 92% - Level 1		07/08/2018	07/08/2019	← BIQS survey score is not used for BIQS Level, see yellow note			
IATF 16949: CERT		06/07/2018	06/06/2021				
Run at Rate Fail-High Risk:							
PSA:							
SQA:							
NBH: N/A							
Issue Date	PRR/SPPS/SCMS#	Status	Direct Impact	Severity Score/Impact	Type	Primary N/C	Secondary N/C
10/01/2019	22307	Analyzing	Quality - CCA	5	CCA - Shipment Quality	Packaging	Parts not packaged to specification for service
08/09/2019	17155	Closed	GSC Rating - CCA	2	CCA - Supply Chain	Shipping	Electronic Communication Discrepancies
03/14/2019	668	Closed	BIQS	0.5	Quality		
04/10/2019	3793	Closed	BIQS	0.5	Quality		
04/24/2019	5750	Closed	BIQS	2	Quality		
06/01/2019	10108	Closed	BIQS	0.5	Quality		
06/17/2019	11875	Approving	BIQS	0.5	Quality		
06/18/2019	11942	Closed	BIQS	2	Quality		
08/30/2019	19526	Verifying	BIQS	0.25	Quality		
05/21/2019	6967	Approved	GSC Rating - Production	0.5	Supply Chain	Communication (Customer Satisfaction)	

Notes:

- All issues, regardless of type (BIQS, CCA, GSC – logistics, etc.) listed under “Direct Impact” in the Impact Detail Report need to have a corrective action plan and contribute to the client’s rating.
- Ignore the BIQS survey score and level on the Impact Detail Report or any other scorecard, commercial performance report, 6 panel, etc., only use the BIQS level on the Sourceability Report.
- The SPPS/SCMS# column contains SPPS record numbers. All new issues are SPPS. Note that details of NBH/Service Disruptions/Field Actions are shown in SCMS Supplier Records, not in SPPS records.
- The statuses of SPPS issues are identified in the status column and explained in GM 1927-17.
- The severity rating is explained in a matrix in GM 1927-17 and is the sum of the severity scores for all issues over 6 months. Where a client has achieved BIQS level 5, 12 months of quality history is shown. Also, the CB auditor should use the Severity Score to prioritize the issues to review in the audit.



GM Scorecard Screen Images

Example CS 2 Notification letter

Subject: General Motors SPPS 000 – Entry into Controlled Shipping Level 2

TO LIST: test@test.com; test@gm.com

CC LIST: test2@gm.com

Date: 31-May-2019 3:28 PM ET

Supplier Name

Title

000000000 – Supplier Name

Street Address

City, State, Country Zip code

Controlled Shipping is part of General Motors Supplier Quality Processes and Measurements Procedure and is part of the Supplier Quality Improvement Process. General Motors has determined that current controls by your organization are not sufficient to insulate GMPT-WARREN TRANSMISSION from the receipt of nonconforming parts/material produced by your facility. This letter is formal notification and confirms discussions held with Supplier Name that your facility has been placed in Controlled Shipping Level 2 for the following nonconformances:

Part Number	Part Name	SPPS #	Nonconformance
00000000	Part Name	000	Nonconformance description

Links to SPPS Application:

[GM/JV Users click here](#)

[Supplier Users click here](#)

The procedures you have enacted to date have been insufficient in stopping the flow of nonconforming material to our plants. Therefore, **you must immediately:**

- Implement and pay the costs of a GM-defined containment activity over and above your current process controls and containment activity.** The GM-defined containment activity is in addition to the current controls and containment activity.
- Clearly identify the qualified shipments. Clearly document and communicate post Corrective Action Break-Points to the Controlled Shipping Provider.**
- Identify the root cause of the nonconformance(s).**
- Define and implement irreversible corrective action for the root cause(s) of the problem(s).** This will normally include revised FMEAs, process flow diagrams, and process control plans.
- Validate effectiveness of the corrective action.** Outline your plan for reviewing your controlled shipping data.
- Track and report your progress by using a GM-approved report format. You must submit regular reports as specified by the GM representative monitoring this activity.**
- Meet the defined exit criteria.** The parts will remain in controlled shipping until irreversible corrective actions are implemented and confirmed. Exit criteria will be established that verify the identification of the true root cause, and verify that appropriate corrective action is implemented, properly documented, and effective.
- Notify your IATF 16949 registrar of the CS2 status.** You are to notify your certification registrar, in writing, within five (5) working days when a customer places you in Controlled Shipping Level 2.

Note: Failure to comply with this process, or the inability to implement a successful action plan or containment activity, will result in the implementation of new business hold. Reference the GM Supplier Quality Processes and Measurements Procedure at GM SupplyPower for additional details concerning Controlled Shipping.

If you have any questions, contact GM Person Name, Title phone, [email](#), who will be monitoring and defining your controlled shipping activities.

Sincerely,

GM Person Name

Title

Department



GM Scorecard Screen Images

Sourceability Report showing BIQS Level

Sourceability Report
Ultimate DUNS: ABC Supplier

Run Date: May 14, 2020 3:40:41 PM

Ultimate DUNS	MFG DUNS	Supplier Name	Location	Country Code	Region	BIQS Level	IATF Certification Status	Launch Performance	NBH	GSC Rating - Production	Quality - CCA	GSC Rating - CCA	Location Risk Rating	Financial Risk Rating	Conflict Minerals	Diversity
11111111	2222222	GM SUPPLIER LLC	ROCHESTER HILLS, MI	US	GMNA	3.4.5	SUSP	4.0	N/A	75-85	100	100	5	3	NA	N

Action Required

BIQS Level If BIQS is Blank, 0 or RED, Sourcing requires Quad Report and SQ Leadership Approval (Mfg Duns)

IATF Certification Status If IATF Certification is WDRN, NAN, DRPD or NR, Sourcing requires Quad Report and SQ Leadership Approval (Mfg Duns)

Launch Performance If Launch Performance is RED, Sourcing requires Quad Report and SQ Leadership Approval (Mfg Duns)

NBH If NBH is RED you are on New Business Hold

GSC Rating - Production If GSC Rating - Production is Red, sourcing prohibited unless waiver approval by GSC and or GM Alternates (Ship from Duns). If GSC Rating - Production is Yellow, still considered sourceable, buyers please proceed with caution.

GSC Rating - CCA & Quality - CCA If GSC Rating - CCA or Quality - CCA Score is Red, sourcing approval is required from CCA Global Supply Chain or Quality and SQ using CCA Deviation Waiver form.

Location Risk Rating If Location Risk Rating (LRR) is RED or NR, supplier is still sourceable. Suppliers and Buyers should contact the GSC Risk Management Team for additional risk information (risk.management@gm.com). LRR is updated quarterly.

Financial Risk Rating If Financial Risk Rating is RED you must have PUR-01-F1-01 Sourcing Deviation approval. If the FRR is blank you must request an FRR rating from Supply Risk Management. Suppliers with FRR Yellow may be awarded business with caution.

Conflict Minerals If Conflict Minerals Metric is RED, then sourcing decision requires GPSC Leadership approval, conflictminerals@gm.com for next steps. If Conflict Minerals Metric is YELLOW, then supplier should reference the concerns sent via email for next steps

Diversity Diversity is reference only
Blue color signifies that the supplier doesn't have or hasn't had a contract in the past 365 days.

Notes:

The Legend shows the possible ratings and colors for each metric

Launch Performance is an APQP compliance rating

NBH = New Business Hold (N/A here means there is **not** an NBH status for the client)

The IATF Certification Status levels for GM include certified, waived, suspended, and not certified for various reasons

GSC represents delivery performance (service and production, two separate ratings)

CCA (Customer Care and After sales) represents service – shows both Quality and delivery ratings

For any red ratings on the Sourceability Report, go to the Impact Detail Report to determine the relevant issues

Other ratings in the Sourceability Report are not used for the audit (Location and Financial Risk, Conflict Materials, Diversity)

New suppliers to GM have a Sourceability Report but may have several ratings that are not applicable (BIQS level may be 1 or 0)

Click on the MFG DUNS number in the Sourceability Report to go to the Impact Detail Report.

Impact Detail Report showing Severity Score and type of issue.

Impact Detail Report						
Mfg DUNS Location: 123456789 - TESTING - CITY, STATE, REGION						
Severity Score/Impact	Type	Primary N/C	Secondary N/C	Major Disruption	Customer Impact	
5	CCA - Shipment Quality	Packaging	Parts not packaged to specification for service			
2	CCA - Supply Chain	Shipping	Electronic Communication Discrepancies			
0.5	Quality				Single Occurrence	Part installed in Vehicle/Eng or Tra
0.5	Quality				Single Occurrence	Part installed in Vehicle/Eng or Tra
2	Quality				Repeat Occurrence	Part installed in Vehicle/Eng or Tra
0.5	Quality				Single Occurrence	Part installed in Vehicle/Eng or Tra
0.5	Quality				Repeat Occurrence	Incoming part. Not installed in Sub-
2	Quality				Repeat Occurrence	Part installed in Vehicle/Eng or Tra
0.25	Quality				Single Occurrence	Part installed in Sub-assembly or V

Severity represents the impact of the issue on GM and is detailed in GM 1927 - 17



GM Scorecard Screen Images

Impact Detail Report showing Yard Holds

Impact Detail Report

Mfg DUNS Location: 123456789 - TESTING - CITY, STATE, REGION

Customer Impact	Value Stream Impact Location
Level G.2: Critical failure	Yard hold
Level F: Repeat of Level B,D or E	Parts sorting / rework (not yet assembled)
Single Occurrence	Part installed in Sub-assembly or Vehicle/Eng or Trans. Sub-assembly or Vehicle/Eng or Trans repaired before
Repeat Occurrence	Part installed in Sub-assembly or Vehicle/Eng or Trans. Sub-assembly or Vehicle/Eng or Trans repaired before
Multiple Occurrence	Part installed in Sub-assembly or Vehicle/Eng or Trans. Sub-assembly or Vehicle/Eng or Trans repaired before

Impact Detail Report showing Field Actions

Impact Detail Report

Mfg DUNS Location: 123456789 - TESTING - CITY, STATE, REGION

Issue Date	PRR/SPPS/SCMS#	Status	Direct Impact	Severity Score/Impact	Type	Primary N/C	Secondary N/C	Major Disruption
09/29/2019	22043	Issued	BIOS	0	Quality			
03/09/2019	SCMS	EXPIRED	BIOS	15	Field Action			Field Action
03/09/2019	SCMS	EXPIRED	BIOS	15	Field Action			Field Action
04/01/2019	SCMS	EXPIRED	BIOS	15	Field Action			Field Action
05/19/2019	SCMS	YES	BIOS	15	Field Action			Field Action
10/03/2019	SCMS	ISSUED	Launch Performance	1	DVPV - High Risk			



GM Scorecard Screen Images

How to access the Sourceability and Impact Detail Reports

SCMS Certification External Applications

DUNS Filter

Supplier Records

Supplier: 000148528 - DIRECTED BUY TRACKING RECORD - WARREN - MI - US

Sourceability Report for DUNS

Sourceability Report for Ultimate DUNS

Impact Detail Report

Sourceability Report

Impact Detail Report

Impact Detail Report structure

GM Impact Detail Report

Mfg DUNS Location: 000148528 - DIRECTED BUY TRACKING RECORD - WARREN , MI - US - GMNA

Run Date: Oct 28, 2019 4:03:01 PM

BIQS Survey Score does not impact Sourceability

Effective Date	Expiration Date
03/06/2019	03/06/2019
09/06/2019	09/06/2019

BIQS survey score is not used for BIQS Level, see yellow note

Issue Date	Primary NC	Secondary NC	Major Disruption	Customer Impact	Value Stream Impact Location	Potential Safety	Phase
09/26/2019	ISSUED	BIQS	0	Quality			
03/06/2019	EXPIRED	BIQS	15	Field Action			
03/06/2019	EXPIRED	BIQS	15	Field Action			
04/02/2019	EXPIRED	BIQS	15	Field Action			
09/02/2019	YES	BIQS	15	Field Action			
10/02/2019	SCMS	ISSUED	Launch Performance	1	Quality - High Risk		

Details of NBH and Field Actions may be available via the SCMS Supplier Records screen

SCMS Certification External Applications

DUNS Filter

Supplier Records

Supplier: 000148528 - DIRECTED BUY TRACKING RECORD - WARREN - MI - US

Sourceability Report for DUNS

Sourceability Report for Ultimate DUNS

Impact Detail Report

NBH details

+ Add Record Include Expired Records Include Audit Records

Status	Record Type	Title	Effective Date	Forecast Date	Expire Date
YES	ACTION	New Business Hold	09-Aug-2019		

Expand details

Surveys

Status	Survey Title	Last Modified

Attachments

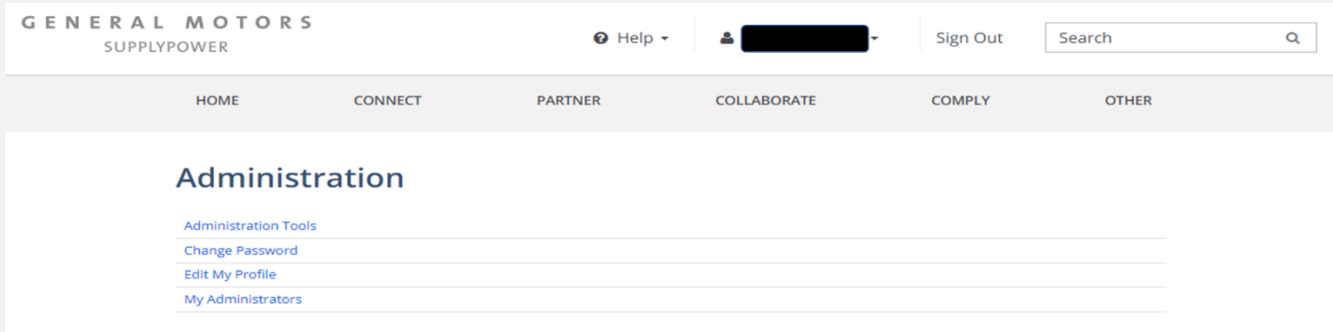
Date Added	Document Name
09-Aug-2019	Directed-Buy_NBH_GM1927-71.xls



GM Scorecard Screen Images

How to access SPPS Record Detail

1) Go to GM SPPS system.



General Motors - Applications

Filter

Show results for: all filters any filter

Filter by: Functional Area Quality

Search

Access	Icon	Name	Summary	Functional Area	Request	Favorite
<input checked="" type="checkbox"/>		Global Analysis Reporting Tool 2.0 - GART 2.0	▶ Detail	Quality		☆
<input checked="" type="checkbox"/>		Global Quality Tracking System Release 6 (GQTS)	▶ Detail	Quality		☆
<input checked="" type="checkbox"/>		GME Lead Connect	▶ Detail	Quality		☆
<input checked="" type="checkbox"/>		PartLink	▶ Detail	Quality		☆
<input checked="" type="checkbox"/>		Problem Resolution Tracking System (PRTS+)	▶ Detail	Quality		☆
<input checked="" type="checkbox"/>		SCMS-Viewer & Updater *Grant only ONE SCMS package per ...	▶ Detail	Quality		☆
<input checked="" type="checkbox"/>		SCMS-Viewer Only *Grant only ONE SCMS package per user *	▶ Detail	Quality		☆
<input checked="" type="checkbox"/>		SI (Service Information)	▶ Detail	Quality		☆
<input checked="" type="checkbox"/>		SPPS Site Codes and View	▶ Detail	Quality		☆
<input checked="" type="checkbox"/>		Supplier Quality Management System (SQMS_SUPPLIER)	▶ Detail	Quality		☆

SPPS Application

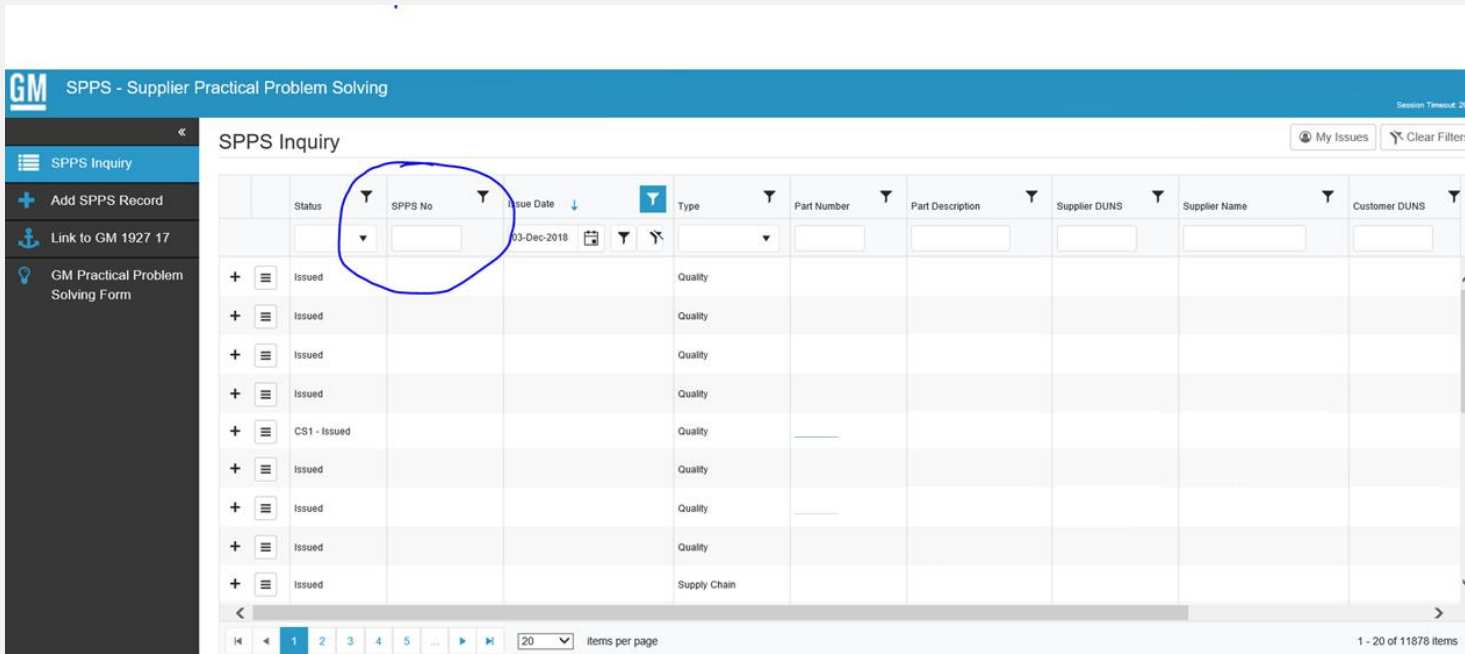
Once you log in, the screen should look like the one below.

The screenshot shows the GM SPPS - Supplier Practical Problem Solving interface. The header includes the GM logo and the text 'SPPS - Supplier Practical Problem Solving'. The main content area is titled 'SPPS Inquiry' and displays a table of records. The table has columns for Status, SPPS No, Issue Date, Type, Part Number, Part Description, Supplier DUNS, Supplier Name, and Customer DUNS. The records are listed as 'Issued' with various details. A sidebar on the left contains navigation options: SPPS Inquiry, Add SPPS Record, Link to GM 1927 17, and GM Practical Problem Solving Form. The bottom of the screen shows a pagination control with '1 - 20 of 11878 items'.

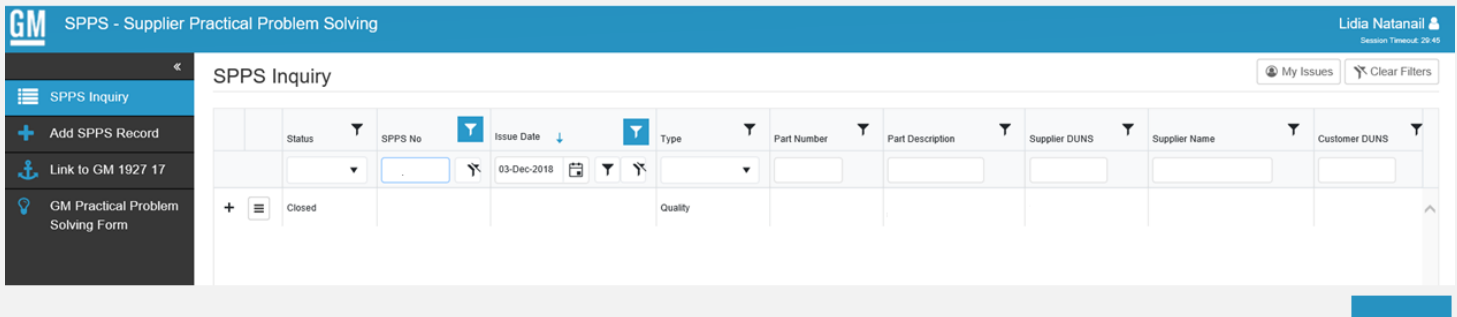


GM Scorecard Screen Images

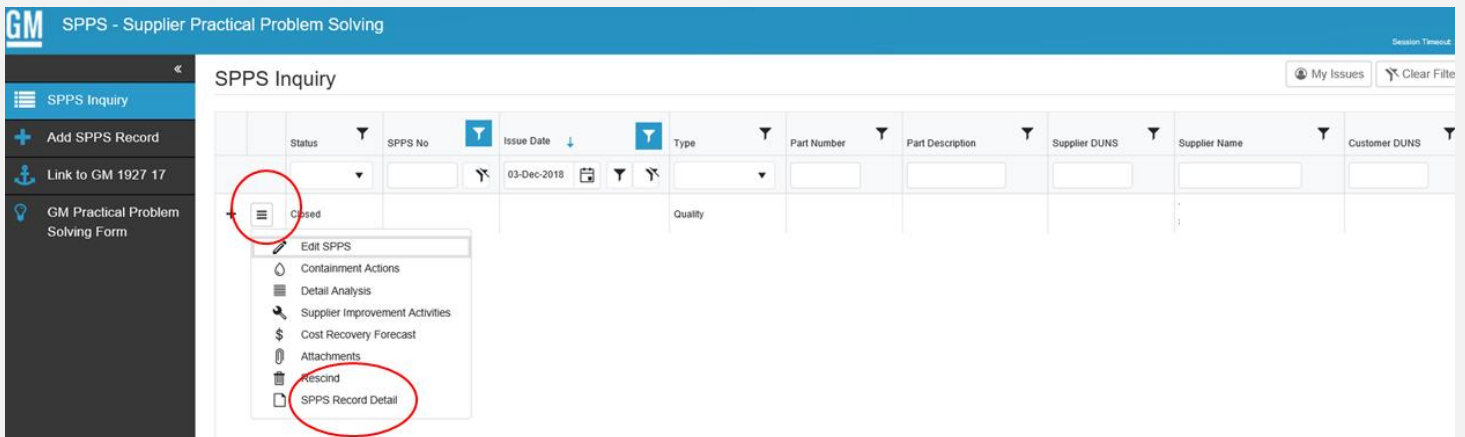
2) Look up the SPPS number by typing the number in the SPPS No. window.



3) The SPPS system will look like in the picture below.



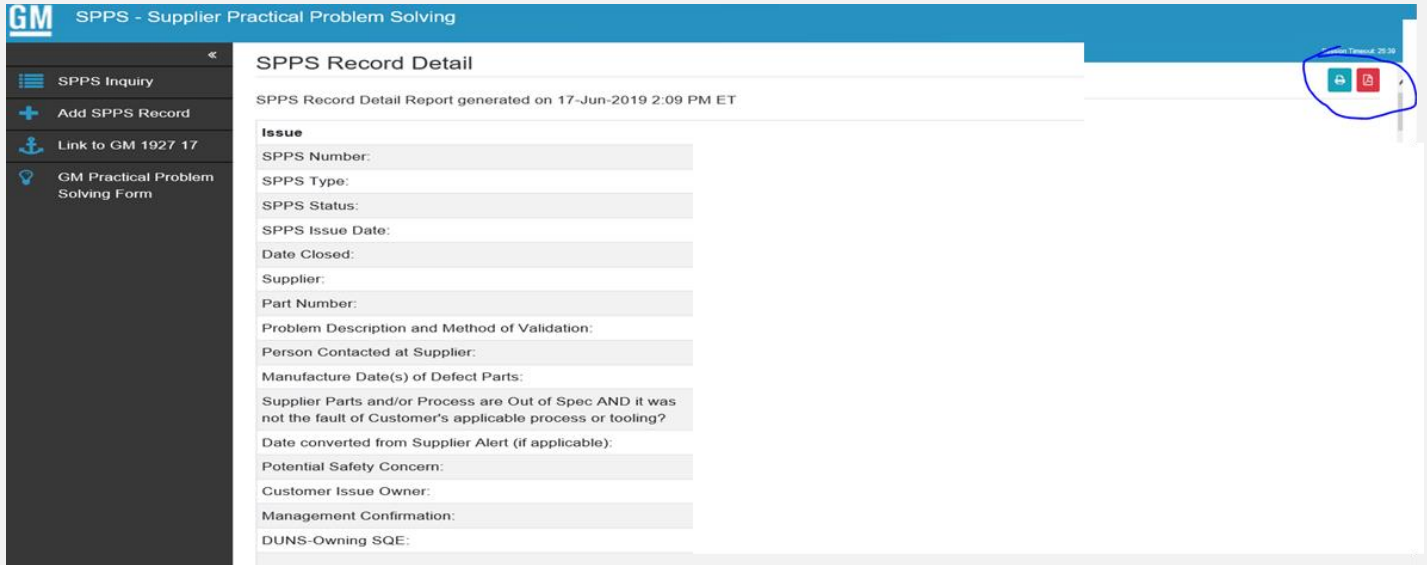
4) Click on the "Navigation" button and select "SPPS Record Detail"





GM Scorecard Screen Images

5) You will be prompted to SPPS Record Detail that can be printed in PDF format by clicking the button on the top right corner.



Note: even if a GM SQE has accepted a client’s corrective action plan to improve the BIQS level to 3 or higher, the CB needs to verify the corrective actions and read-across at the client.

Full SPPS detail Report Example

Please see below the full list of fields and parameters in the SPPS Record Detail highlighting a GM accepted plan.

The GM SQE acceptance is identified in the fields highlighted in yellow and marked as “Verified”.

Some fields have been redacted from this actual example to remove the identification of the client and the specific products involved.



GM Scorecard Screen Images

SPPS Record Detail Report generated on 12-Aug-2019 9:42 AM ET

Issue

SPPS Number: 11507
SPPS Type: Quality
SPPS Status: Closed
 SPPS Issue Date: 13-Jun-2019 10:18 AM ET
 Date Closed: 25-Jul-2019 11:31 AM ET
 Supplier: [REDACTED]
 Part Number: [REDACTED] RADIATOR ASM-ENG COOL FAN MDL
 Problem Description and Method of Validation: PROGRAM: EZUL

ISSUE DESCRIPTION: External threads on Schrader valve, where high pressure sensor mounts, are stripped and the sensor was not fully installed.

PART DISPOSITION: The supplier has 24hrs to request the return of suspect material for analysis and provide a FedEx shipping account number and shipping directions. After that time suspect material may be scrapped by Fairfax.

CONTAINMENT: Immediate containment is required with applicable breakpoints. Please reply to the Containing section of SPPS as required in GM1927-14.

PART IDENTIFICATION: Identify in SPPS response how individual parts will be marked for certification. Identify all certified containers with a green sticker on the parts label with the initials of the person certifying the material, along with the date it was certified. Do NOT cover up any information on the label. GM Fairfax also requires an 8.5x11 inch paper on 2 sides of the container that says 100% certified for (reason for certification), along with the contact name & phone number. If there is more than 1 certification active, then that 1 page needs to list every issue they are certified for. This labeling must continue for 30 days from the start of certification.

CORRECTIVE ACTION DOCUMENTATION: Complete problem solving documentation, PFMEA, process control plan, and documentation/evidence of controls used to avoid repetition for this issue need to be attached in the SPPS system.

TIMING: Failure to meet the required submission deadline may result in a Customer Satisfaction SPPS. If your analysis requires more than 15 working days, you must request an extension. Extension requests must detail why more than 15 days are required and include an expected completion date. E-mail extension requests to the issuer within 15 working days from the date of issuance and note the extension request in the SPPS Planning section data fields.

Person Contacted at Supplier: Not Listed
 Manufacture Date(s) of Defect Parts: Unknown
 Supplier Parts and/or Process are Out of Spec AND it was not the fault of Customer's applicable process or tooling? YES
 Date converted from Supplier Alert (if applicable):
 Potential Safety Concern: NO
 Customer Issue Owner: Glenn D Griffin [REDACTED]
 Manager Approver for Customer Issue Owner: Santosh Sequeira [REDACTED]
 Management Confirmation: Santosh C Sequeira [REDACTED] 19-Jul-2019 5:28 PM ET
DUNS-Owning SQE: **ELI ALBERTO SAUCEDO SANCHEZ** [REDACTED]

Metrics Data

Phase: Production
 Customer Quality Impact: Direct Run Rate
 Customer Impact: Single Occurrence
 Furthest Location in the Value Stream the Non-Conformance has Reached: Part installed in Vehicle/Eng or Trans. Vehicle/Eng or Trans entered as Direct Run/IPPM. As a result Vehicle/Eng or Trans is/was in float.
 Last Updated: Glenn D Griffin, [REDACTED] 13-Jun-2019 10:18 AM ET

Containment at Supplier Location

Issue Owner at Supplier Location: Jorge Villanueva, [REDACTED]
 Is Containment Required at this location? YES
 Can you meet Daily Requirements? YES
 Describe Containment Actions Taken or Reason for No Containment Action: Quality Alert was issued and posted in shop floor. Team was informed about the finding. Sensor correctly installed in valve condition has been audited. Parts has been certified identified with material certification sheet.
 LE237003 192 = OK, 0= NO OK.
 LD567003 588 = OK, 0= NO OK.
 LD567003 390 = OK, 0= NO OK.
 LE237003 468 = OK, 0= NO OK.
 MD214002 126 = OK, 0= NO OK

Identification of Certified Material: Sensor correctly installed in valve is marked with blue dot.
 Last Updated: Jorge Villanueva, [REDACTED] 14-Jun-2019 11:24 AM ET
 Assessment Status/Reason:
 Assessment Details:
 Supplier Response Details:



GM Scorecard Screen Images

Containment at Issuing Customer Location

Issuing Customer Location: 007145899 - 18044 - NAO FAIRFAX

[Redacted]

Conforming Material Date (from Containment at Supplier Location):

Conforming Material ASN (from Containment at Supplier Location):

Supplier Issue Owner at Customer Location: Jorge Villanueva, [Redacted]

Is Containment Required at this location? NO

Conforming Material Date (from Containment at Customer Location): 24-Jun-2019

ESEP Provider:

Describe Containment Actions Taken or Reason for No Containment Action: Problem not noticeable until its in production. Condition can not be surely checked without taking the sensor off.

Identification of Certified Material:

Last Updated: Jorge Villanueva, [Redacted] 14-Jun-2019 11:33 AM ET

Assessment Status/Reason:

Assessment Details:

Supplier Response Details:

Assessment Last Updated:

Potentially Affected Customer Locations

Customer Location Potentially Affected:

[Redacted]

Conforming Material Date (from Containment at Supplier Location):

Conforming Material ASN (from Containment at Supplier Location):

Supplier Issue Owner at Customer Location:

Is Containment Required at this location?

Conforming Material Date (from Containment at Customer Location):

ESEP Provider:

Describe Containment Actions Taken or Reason for No Containment Action:

Identification of Certified Material:

Last Updated:

Assessment Status/Reason:

Assessment Details:

Supplier Response Details:

Assessment Last Updated:

Detail Analysis

Root Cause: Sensor was installed incorrectly on condenser valve due to Torque controller was not in fix position (loose condition) and seating fixture did not permit 100% vertical position, providing chances to place sensor in a tilted position.

Last Updated: Jorge Villanueva, [Redacted] 25-Jun-2019 4:04 PM ET



GM Scorecard Screen Images

Assessment Status/Reason:

Assessment Details:

Supplier Response Details:

Assessment Last Updated:

3P Supplier Improvement Activities

Improvement Activity Type:	Predict
BIQS Elements / MMOG-LE Subchapters:	PFMEA
Target Completion Date:	28-Jun-2019
Expected Conforming Material Date:	12-Jul-2019
Actual Completion Date:	12-Jul-2019

First Conforming Material ASN:

Supplier Improvement Activity / Reason for No Supplier Improvement Activity:

Description	Updated By	Date/Time
Torque/Angle strategy was included as detection control in PFMEA and CP.	Jorge Villanueva [Redacted]	12-Jul-2019 12:11 PM ET
Torque/Angle strategy is being included as detection control in PFMEA and CP.	Jorge Villanueva [Redacted]	26-Jun-2019 12:45 PM ET

Supplier Verification Steps Taken:

Description	Updated By	Date/Time
Torque/Angle strategy was included and evidence is included in presentation.	Jorge Villanueva [Redacted]	12-Jul-2019 12:11 PM ET

Approved:

Glenn D Griffin, [Redacted] 25-Jul-2019 10:12 AM ET

Verified:

ELI ALBERTO SAUCEDO SANCHEZ, [Redacted] 25-Jul-2019 11:31 AM ET

Assessment Status/Reason:

Verified - Improvement Activity and Verification Steps

Assessment Details:

Supplier Response Details:

Assessment Last Updated:

ELI ALBERTO SAUCEDO SANCHEZ, [Redacted] 25-Jul-2019 11:31 AM ET



GM Scorecard Screen Images

Improvement Activity Type:	Prevent		
BIQS Elements / MMOG-LE Subchapters:	Process Change Control		
Target Completion Date:	26-Jun-2019		
Expected Conforming Material Date:	26-Jun-2019		
Actual Completion Date:	26-Jun-2019		
First Conforming Material ASN:			
Supplier Improvement Activity / Reason for No Supplier Improvement Activity:	Description	Updated By	Date/Time
	Seating fixture was adjust to correct position and allow 100% vertical position, avoiding risk to place sensor in a tilted position. Torque controller arm was installed to fix torque controller device avoiding movement and providing better control for the operator to execute the operation.	Jorge Villanueva [REDACTED]	12-Jul-2019 12:16 PM ET
	Seating fixture was adjust to correct position and allow 100% vertical position, avoiding risk to place sensor in a tilted position. Torque controller arm was installed to fix torque controller device avoiding movement and providing better control for the operator to execute the operation.	Jorge Villanueva [REDACTED]	26-Jun-2019 12:44 PM ET
Supplier Verification Steps Taken:	Description	Updated By	Date/Time
	Fixture was adjusted, before and after pictures are included in report presentation. Arm was also installed, evidence is also provided in report presentation.	Jorge Villanueva [REDACTED]	12-Jul-2019 12:16 PM ET
Approved:	Glenn D Griffin, [REDACTED] 25-Jul-2019 10:12 AM ET		
Verified:	ELI ALBERTO SAUCEDO SANCHEZ, [REDACTED] 25-Jul-2019 11:31 AM ET		
Assessment Status/Reason:	Verified - Improvement Activity and Verification Steps		
Assessment Details:			
Supplier Response Details:			
Assessment Last Updated:	ELI ALBERTO SAUCEDO SANCHEZ, [REDACTED] 25-Jul-2019 11:31 AM ET		

Improvement Activity Type:	Protect
BIQS Elements / MMOG-LE Subchapters:	Standardized Work
Target Completion Date:	26-Jun-2019
Expected Conforming Material Date:	26-Jun-2019
Actual Completion Date:	26-Jun-2019
First Conforming Material ASN:	



GM Scorecard Screen Images

Supplier Improvement Activity / Reason for No Supplier Improvement Activity:	Description Operator reinforcement was done on Jun 14 , 2019.	Updated By Jorge Villanueva [REDACTED]	Date/Time 26-Jun-2019 12:40 PM ET
	Operator reinforcement was done on Jun 14 , 2019.	Jorge Villanueva [REDACTED]	26-Jun-2019 12:38 PM ET
Supplier Verification Steps Taken:	Description Operator reinforcement was verified on June 14, 2019	Updated By Jorge Villanueva [REDACTED]	Date/Time 26-Jun-2019 12:40 PM ET
Approved:	Glenn D Griffin, [REDACTED] 25-Jul-2019 10:12 AM ET		
Verified:	ELI ALBERTO SAUCEDO SANCHEZ, [REDACTED] 25-Jul-2019 11:31 AM ET		
Assessment Status/Reason:	Verified - Improvement Activity and Verification Steps		
Assessment Details:			
Supplier Response Details:			
Assessment Last Updated:	ELI ALBERTO SAUCEDO SANCHEZ, [REDACTED] / 25-Jul-2019 11:31 AM ET		
Site Read Across Improvement Activities			
Improvement Activity Type:	Site Read Across		
BIQS Elements:	PFMEA		
Target Completion Date:	26-Jul-2019		
Actual Completion Date:	12-Jul-2019		
Supplier Improvement Activity / Reason for No Supplier Improvement Activity:	Description Torque/Angle strategy detection control in PFMEA and CP.	Updated By Jorge Villanueva [REDACTED]	Date/Time 12-Jul-2019 12:20 PM ET
Supplier Verification Steps Taken:	Description Torque/Angle strategy was included as detection control in PFMEA and CP. Evidence is included in report presentation.	Updated By Jorge Villanueva [REDACTED]	Date/Time 12-Jul-2019 12:20 PM ET
Verified:	ELI ALBERTO SAUCEDO SANCHEZ, [REDACTED] / 25-Jul-2019 11:31 AM ET		
Assessment Status/Reason:	Verified - Improvement Activity and Verification Steps		
Assessment Details:			



GM Scorecard Screen Images

Supplier Response Details:			
Assessment Last Updated:	ELI ALBERTO SAUCEDO SANCHEZ [REDACTED] / 25-Jul-2019 11:31 AM ET		
Improvement Activity Type: Site Read Across			
BIQS Elements: Process Change Control			
Target Completion Date:	12-Jul-2019		
Actual Completion Date:	12-Jul-2019		
Supplier Improvement Activity / Reason for No Supplier Improvement Activity:	Description	Updated By	Date/Time
	Seating fixture was adjusted to correct position and allow 100% vertical position, avoiding risk to place sensor in a tilted position. Torque controller arm was installed to fix torque controller device avoiding movement and providing better control for the operator to execute the operation.	Jorge Villanueva [REDACTED]	12-Jul-2019 12:29 PM ET
Supplier Verification Steps Taken:	Description	Updated By	Date/Time
	Seating fixture was adjusted, before and after evidence was included in report presentation. Torque controller arm also was installed and evidence added to report.	Jorge Villanueva [REDACTED]	12-Jul-2019 12:29 PM ET
Verified:	ELI ALBERTO SAUCEDO SANCHEZ [REDACTED] / 25-Jul-2019 11:31 AM ET		
Assessment Status/Reason:	Verified - Improvement Activity and Verification Steps		
Assessment Details:			
Supplier Response Details:			
Assessment Last Updated:	ELI ALBERTO SAUCEDO SANCHEZ [REDACTED] 25-Jul-2019 11:31 AM ET		



GM Scorecard Screen Images

Improvement Activity Type:	Site Read Across						
BIQS Elements:	Standardized Work						
Target Completion Date:	14-Jul-2019						
Actual Completion Date:	14-Jun-2019						
Supplier Improvement Activity / Reason for No Supplier Improvement Activity:	<table border="1"> <thead> <tr> <th>Description</th> <th>Updated By</th> <th>Date/Time</th> </tr> </thead> <tbody> <tr> <td>Operator reinforcement was done on Jun 14 , 2019.</td> <td>Jorge Villanueva [REDACTED]</td> <td>12-Jul-2019 12:23 PM ET</td> </tr> </tbody> </table>	Description	Updated By	Date/Time	Operator reinforcement was done on Jun 14 , 2019.	Jorge Villanueva [REDACTED]	12-Jul-2019 12:23 PM ET
Description	Updated By	Date/Time					
Operator reinforcement was done on Jun 14 , 2019.	Jorge Villanueva [REDACTED]	12-Jul-2019 12:23 PM ET					
Supplier Verification Steps Taken:	<table border="1"> <thead> <tr> <th>Description</th> <th>Updated By</th> <th>Date/Time</th> </tr> </thead> <tbody> <tr> <td>Operator reinforcement was done on Jun 14 , 2019.</td> <td>Jorge Villanueva [REDACTED]</td> <td>12-Jul-2019 12:23 PM ET</td> </tr> </tbody> </table>	Description	Updated By	Date/Time	Operator reinforcement was done on Jun 14 , 2019.	Jorge Villanueva [REDACTED]	12-Jul-2019 12:23 PM ET
Description	Updated By	Date/Time					
Operator reinforcement was done on Jun 14 , 2019.	Jorge Villanueva [REDACTED]	12-Jul-2019 12:23 PM ET					
Verified:	ELI ALBERTO SAUCEDO SANCHEZ, [REDACTED] / 25-Jul-2019 11:31 AM ET						
Assessment Status/Reason:	Verified - Improvement Activity and Verification Steps						
Assessment Details:							
Supplier Response Details:							
Assessment Last Updated:	ELI ALBERTO SAUCEDO SANCHEZ, [REDACTED] / 25-Jul-2019 11:31 AM ET						
Controlled Shipping							
Customer Assessment:							
Created:							
Management Confirmation:							
Assessment Reasoning:							
Exit Criteria:							
Kickoff Meeting Complete Date:							
Date Out:							
Supplier Contact:							
Supplier Owner:							
Controlled Shipping Conforming Material Date:							
Identification of Certified Material at Supplier Location:							
Describe Controlled Shipping Actions Taken:							
Inspection Service Provider:							
Customer Issue Owner Change							
Customer Issue Owner:	Glenn D Griffin, [REDACTED] / 13-Jun-2019 10:18 AM ET						

Change Safety Decision	
Potential Safety Concern:	
Last Updated:	
Issue Rescinded	
Management Confirmation:	
Request to Rescind:	
Reason for Rescinding Issue:	

SPPS Reference Number:	
PRTS Reference Number:	
No Supplier Response:	