

Author: M. Franklin

CAMSTAR
SigmaSure

Sign In to SigmaSure

Username:

Password:

Sign In



Remember my username

Test

Test your browser compatibility with SigmaSure

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Version 7.2.15 Build 1023.382



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REVISION "C" INCLUDED (ECO 9206052):

- Re-write of Procedure to instruct the use of the updated SigmaSure 7 website



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OPER
0.5

OPERATION DESCRIPTION
Table Of Contents

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OPERATION DESCRIPTION
Creating a Genealogy Record
Replace Component in Record
Printing a Genealogy Record



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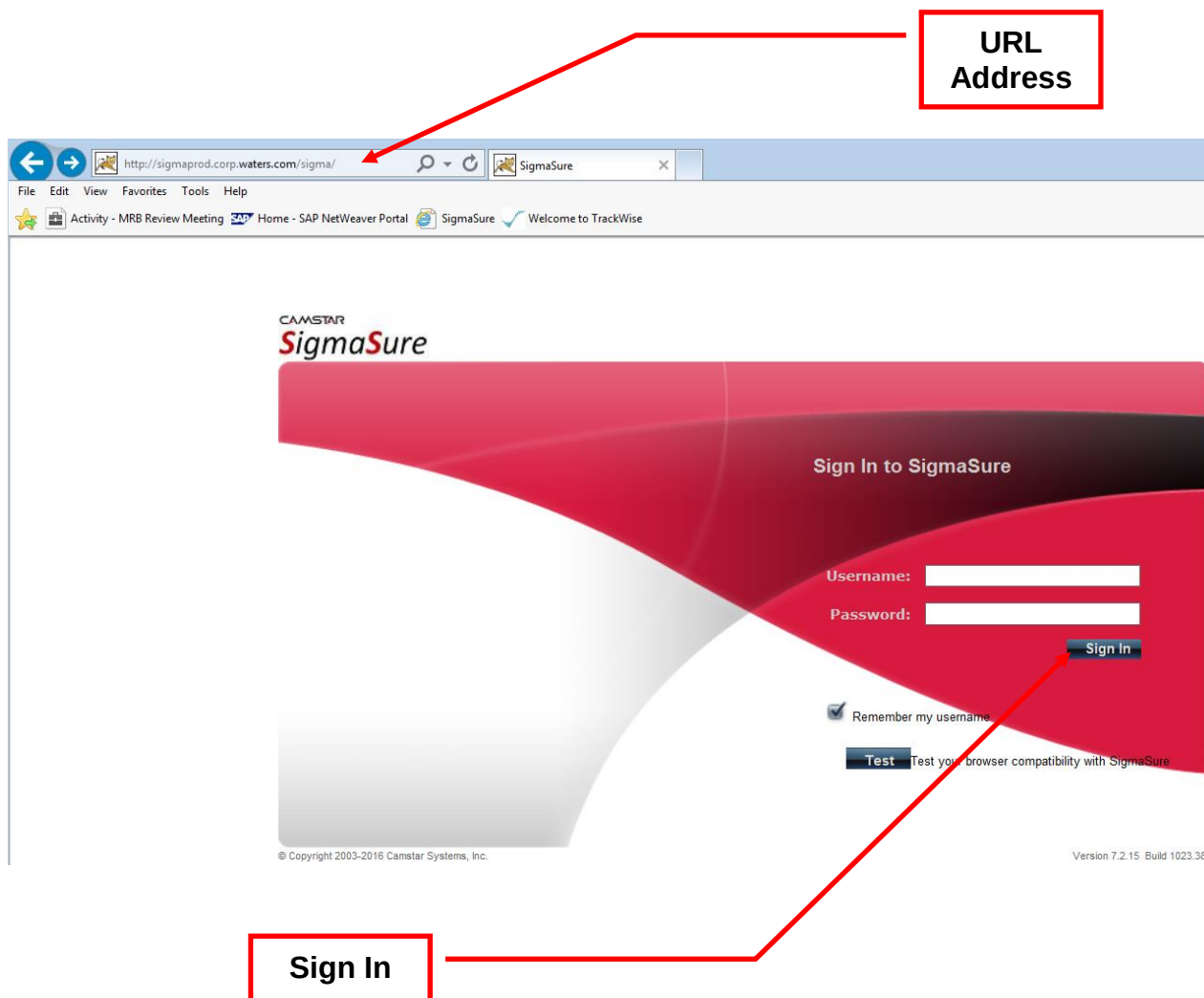


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- | OPER | OPERATION DESCRIPTION |
|------|---|
| 1.0 | Creating A Genealogy Record |
| 1.1 | Open SigmaSure in an Internet Explorer Browser using the following URL address:

http://sigmaprod.corp.waters.com/sigma/

Note: A shortcut Icon, that directs to this URL, can also be used to open this page |
| 1.2 | Sign in using your User Name and Password |



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OPER
1.0 OPERATION DESCRIPTION
Creating A Genealogy Record

1.3 Click the following in the order listed:

- 1) *Supply Genealogy*
- 2) *Genealogy Forms*
- 3) *New Genealogy Record*

NOTE: It is ok if the "Product Setup" and "Assembly Process Setup" menu is not shown on the left side of your screen, as it is shown in the figure.

These menus are not needed.

The screenshot shows the SigmaSure web application interface. Red arrows and boxes highlight the following navigation steps:

- Supply Genealogy**: A red box highlights the 'Supply Genealogy' link in the top navigation bar.
- Genealogy Forms**: A red box highlights the 'Genealogy Forms' link in the top navigation bar.
- New Genealogy Record**: A red box highlights the 'New Genealogy Record' link in the 'Genealogy Data' section of the left sidebar.

The interface also shows sections for 'Product Setup', 'Assembly Process Setup', and 'Recent Assembly Steps'. The 'Product Setup' section includes links for 'View Top Level Products' and 'Define Top Level Product'. The 'Assembly Process Setup' section includes links for 'View Assembly Process Steps' and 'Define Assembly Process Step'. The 'Recent Assembly Steps' section includes a 'Select Top Level Product' dropdown menu and a 'Get Assembly Process Steps' button.

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1.0 OPERATION DESCRIPTION
Creating A Genealogy Record

1.4 Select the Parent, Top Level Product, for
which you wish to create a Genealogy
record

Click *Get Assembly Process Steps*

1.5 Select the Assembly Process Step with the
word "**Build**" in front of the Parent Assembly

Click *Submit*

The screenshot shows the SigmaSure web application interface. Red boxes and arrows highlight the following workflow steps:

- Parent/Top Level Product**: Points to the "Select Top Level Product" dropdown menu.
- Get Assembly Process Step**: Points to the "Get Assembly Process Steps" button.
- BUILD Assembly Process Step**: Points to the "Select Assembly Process Step" dropdown menu, specifically highlighting the option "Build 186241401 Alliance Refresh RI Detector".
- Submit**: Points to the "SUBMIT" button.

The interface includes a navigation bar with links like "Dashboard", "Supply Chain", "Supply Genealogy", and "Supplier Quality". The main content area is divided into sections: "Product Setup" (with links for View/Define Top Level Products), "Assembly Process Setup" (with links for View/Define Assembly Process Steps), and "Genealogy Data" (with links for New/View/Import Genealogy Records). A "Recent Assembly Steps" section is also visible.

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1.0 **OPERATION DESCRIPTION**
Creating A Genealogy Record

1.6 Select the appropriate "Station" and "Operator" for the Parent Assembly

1.7 Type or Scan in the Serial/Lot Number for the Parent Assembly and all Child Components, under the column "Serial Number"

1.8 If one or two TMDs are Active during the build of the Parent Assembly, then enter the TMD numbers in the Attribute fields

If no TMDs Active, enter "N/A" both fields

1.9 If applicable, fill in any Attributes listed for Child Components. (No Child Attributes exists for this example)

Station and Operator

Product Setup

- [View Top Level Products](#)
- [Define Top Level Product](#)

Assembly Process Setup

- [View Assembly Process Steps](#)
- [Define Assembly Process Step](#)

Genealogy Data

- [New Genealogy Record](#)
- [View Genealogy Records](#)
- [Import Genealogy Records](#)

Edit Genealogy Record:

Top Level Product: 186241401 Alliance Refresh RI Detector

Assembly Process Step Name: Build 186241401 Alliance Refresh RI Detector

Date of Assembly: 01/08/2016

Station: Acquity RI Noise-Drift TE

Operator: UKMISPBE

	Product Family	Part Number	Ver	Rev	Serial Number	Lot Number	If Active TMD 1	If Active TMD 2
0.	Default	186241401			Test A		TMDXXXXXX	TMDYYYYYY
1.	Default	279003247			Test A1			
2.	Default	279000852			Test A2			
	Default	21000033120			Test A3			
	Default	210000520			Test A4			

Parent TMD Attributes

Potential Child Attributes

Save Complete Complete & Start new Record Cancel



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OPER
1.0

OPERATION DESCRIPTION
Creating A Genealogy Record

1.10 You may Save a Record at any time and Return to it later

Click Save, at the bottom of the "Edit Genealogy Record" screen

If you need to return to a Record that was previously created, click on *View Genealogy Records* , search for your record and click *Edit* at the end of the Row

NOTE: The record you are searching for might be on a previous page (Records are shown 10 at a time in chronological order).
- Press *Next* to cycle through pages

1.11 Once you have fully populated the Record you must click *Complete* at the bottom of the Screen

Dashboard | Supply Chain | **Supply Genealogy** | Supplier Quality

Genealogy Reports | **Genealogy Forms**

Product Setup

- [View Top Level Products](#)
- [Define Top Level Product](#)

Assembly Process Setup

- [View Assembly Process Steps](#)
- [Define Assembly Process Step](#)

Genealogy Data

- [New Genealogy Record](#)
- [View Genealogy Records](#)
- [Import Genealogy Records](#)

Edit Genealogy Record:

Successfully saved Genealogy Entry for 186241401--, Serial Number: Test A

Top Level Product: 186241401 Alliance Refresh RI Detector

Assembly Process Step Name: Build 186241401 Alliance Refresh RI Detector

Date of Assembly: 01/08/2016

Station: Acuity RI Noise-Drift TE

Operator: UKMISPE

	Product Family	Part Number	Ver	Rev	Serial Number	Lot Number	If Active TMD 2	If Active TMD 1
0.	Default	186241401			Test A		TMDYYYYY	TMDXXXXXX
1.	Default	279003247			Test A1			
2.	Default	279000852			Test A2			
3.	Default	21000033120			Test A3			
4.	Default	210000520			Test A4			

Save Complete Complete & Start new Record Cancel

SAVE and
COMPLETE

View Genealogy
Record

Next (Page Cycle)

Dashboard | Supply Chain | **Supply Genealogy** | Supplier Quality

Genealogy Reports | **Genealogy Forms**

Genealogy Data

- [New Genealogy Record](#)
- [View Genealogy Records](#)
- [Import Genealogy Records](#)

Genealogy Records:

Click here to [Create a new Genealogy Record Entry](#)

(1 - 10) / 12 First Page | Previous | [Next](#) | Last Page

	Assembly Step	Part Number	Serial/Lot Number	Date of Assembly	Last Updated On	Genealogy Records Status	Actions
1.	Build 186241401 Alliance Refresh RI Detector	186241401	SN: Test A	01/08/2016	01/08/2016 09:10 AM	INCOMPLETE	Edit Delete
2.	Replace 405010268 Stator Valve Inject TI	289005764	SN:	01/04/2016	01/04/2016 07:22 AM	INCOMPLETE	Edit Delete
3.	BUILD 2890005524 ASSY CARTRIDGE VENT VALVE bioQSM	289005524	SN:	12/31/2015	12/31/2015 11:33 AM	INCOMPLETE	Edit Delete
4.	Replace 279000852 WR SUP DC 80W MULTI-OUTPUT	186241401	SN: T1	12/30/2015	12/30/2015 05:37 AM	IMPORTED	Delete
5.	Build 186241401 Alliance Refresh RI Detector	186241401	SN: T1	12/29/2015	12/29/2015 12:38 PM	IMPORTED	Delete
6.	Replace 279000852 WR SUP DC 80W MULTI-OUTPUT	186241401	SN: test 1	12/29/2015	12/29/2015 10:45 AM	IMPORTED	Delete
7.	Build 186241401 Alliance Refresh RI Detector	186241401	SN: test 1	12/29/2015	12/29/2015 10:41 AM	IMPORTED	Delete
8.	186015000IVD (C) Assembly	186015000IVD	SN:	12/09/2015	12/09/2015 07:06 AM	INCOMPLETE	Edit Delete
9.	186015046IVD (B) Assembly	186015046IVD	SN:	11/24/2015	11/24/2015 06:03 AM	INCOMPLETE	Edit Delete
10.	Replace 279002655 ASSY OPTICS BENCH 2998	186017003	SN:	11/17/2015	11/17/2015 05:02 AM	INCOMPLETE	Edit Delete



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OPER
1.0

OPERATION DESCRIPTION
Creating A Genealogy Record

1.12 Once the Build Record is Complete, it then must be imported

Click on *Import Genealogy Records*

Find your "Build" Record and check the box next to it

Click *Import Genealogy Records*

SigmaSure
Dashboard | Supply Chain | Supply Genealogy | Supplier Quality

Genealogy Reports | Genealogy Forms

Product Setup

- View Top Level Products
- Define Top Level Product

Assembly Process Setup

- View Assembly Process Steps
- Define Assembly Process Step

Genealogy Data

- New Genealogy Record
- View Genealogy Records
- Import Genealogy Records

List of Completed Genealogy Records:

	Assembly Step	Part Number	Serial/Lot Number	Date of Assembly	Last Updated
1.	☒ Build 186247500 2475 Fluorescence Detector (blue)	186241401	SN: Test A	01/08/2016	01/08/2016 12:49 PM

Import Genealogy Records

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OPER
2.0 **OPERATION DESCRIPTION**
Replace Component in Record

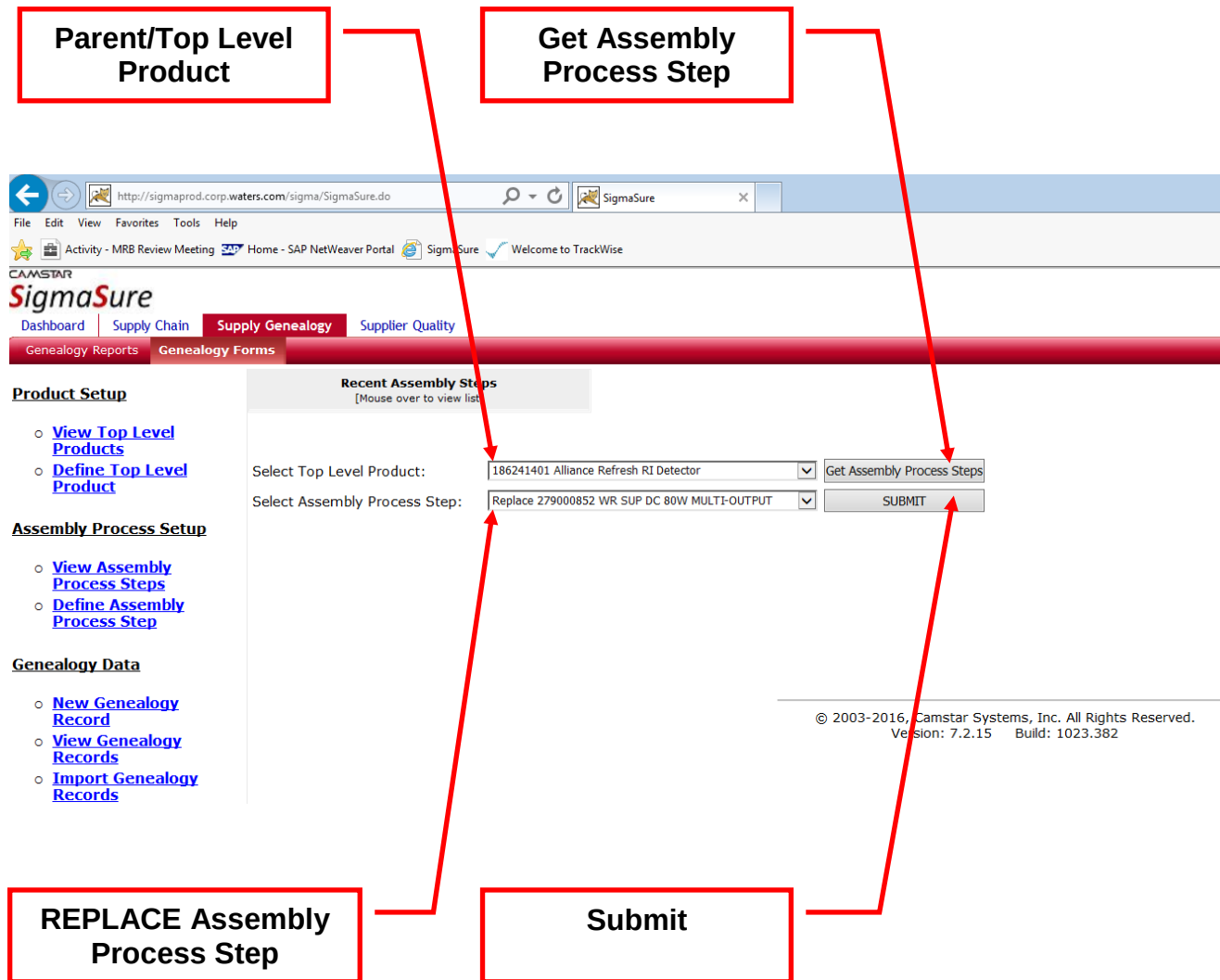
If a Child Component needs to be replaced within an already Imported Build Genealogy Record, then complete operation 2.0

- 2.1 Click *New Genealogy Record* on left hand side of screen
- 2.2 Select the Parent, Top Level Product, for which you are replacing a Child component

Click *Get Assembly Process Steps*

- 2.3 Select the Assembly Process Step with the word "**Replace**" in front of the Child component number that is being replaced.

Click *Submit*



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- | <u>OPER</u> | <u>OPERATION DESCRIPTION</u> |
|-------------|--|
| 2.0 | Replace Component in Record |
| 2.4 | Select the appropriate "Station" and "Operator" for the Parent Assembly |
| 2.4 | Under the Serial Number Column : <ul style="list-style-type: none"> - Enter the Serial Number of the Parent Level - Enter the Serial Number of the New Child Component (being put into the parent build) |
| 2.5 | In the Attribute field Enter the Serial Number of the Child Component that is being replaced (Being taken out of the parent build) |
| 2.6 | Click <i>Save</i> and then <i>Complete</i> |

New Child Serial Number

Child Serial Number being Replaced

SAVE and COMPLETE

http://sigmaprod.corp.waters.com/sigma/SigmaSure.do

File Edit View Favorites Tools Help

Activity - MRB Review Meeting SAP Home - SAP NetWeaver Portal SigmaSure Welcome to TrackWise

SigmaSure

Dashboard Supply Chain Supply Genealogy Supplier Quality

Genealogy Reports Genealogy Forms

Edit Genealogy Record:

Product Setup

- View Top Level Products
- Define Top Level Product

Assembly Process Setup

- View Assembly Process Steps
- Define Assembly Process Step

Genealogy Data

- New Genealogy Record
- View Genealogy Records
- Import Genealogy Records

Top Level Product: 186241401 Alliance Refresh RI Detector

Assembly Process Step Name: Replace 279000852 WR SUP DC 80W MULTI-OUTPU

Date of Assembly: 01/08/2016

Station: Acuity RI Noise-Drift TE

Operator: 89665

	Product Family	Part Number	Ver	Rev	Serial Number	Lot Number	Serial Number of Replace Component
0.	Default	186241401			Test A		
1.	Default	279000852			Test A2 New		Test A2 x

Save Complete Complete & Start new Record Cancel



Verify



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OPER
2.0 OPERATION DESCRIPTION
Replace Component in Record

2.7 Once the Replace Record is Complete, it then must be imported

Click on *Import Genealogy Records*

Find your "Replace" Record and check the box next to it

Click *Import Genealogy Records*

SigmaSure
Dashboard | Supply Chain | **Supply Genealogy** | Supplier Quality

Genealogy Reports | **Genealogy Forms**

Genealogy Data

- o [New Genealogy Record](#)
- o [View Genealogy Records](#)
- o [Import Genealogy Records](#)

List of Completed Genealogy Records:

	Assembly Step	Part Number	Serial/Lot Number	Date of Assembly	Last Updated
1.	☒ Replace 279000852 WR SUP DC 80W MULTI-OUTPUT	186241401	SN: Test A	01/08/2016	01/08/2016 12:49 PM

Import Genealogy Records (button in top right)

Check Box Next to Record (arrow pointing to checkbox)

Import Genealogy Records (arrow pointing to sidebar link)

Import Genealogy Records (arrow pointing to bottom button)



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OPER 3.0 OPERATION DESCRIPTION Printing a Genealogy Record

To print your Genealogy Record complete operation 3.0

- 3.1 Click on *Genealogy Reports* on the top of the screen
- 3.2 Search for the Parent assembly, either by Part number or Serial Number:
 - Enter Serial/Part number in field
 - Click *Search*
- 3.3 Click on the Serial Number of the Parent Record you wish to Print
- 3.4 Click *View Part Details*
NOTE: If you cannot see the *View Part Detail* button you will need to click on the Dividing bar and drag over

The screenshot shows the SigmaSure web application interface. At the top, there's a navigation bar with 'Genealogy Reports' highlighted. Below it, a search form is visible with fields for 'From', 'To', and 'Serial #'. The 'Serial #' field contains 'Test A'. A red arrow points from the 'Search' button to the 'Search' label in the bottom right. Another red arrow points from the 'Serial # Test A' field to the 'Enter Serial or Part Number' label. The search results table shows one result with 'Serial/Lot Number' 'SN: Test A', 'Family' 'Default', and 'Part Number' '186241401'. A red arrow points from the 'SN: Test A' link to the 'Click Serial Number' label. To the right of the table, there's a 'View Part Detail' button. A red arrow points from this button to the 'Click View Part Details' label. Below the table, there's a 'Dividing Bar' with a 'Search' button. A red arrow points from this bar to the 'If needed, click and drag Dividing Bar' label. The 'Part Attributes' section shows 'Product Family: Default', 'Part Number: 186241401', and 'Supplier:'. The 'APS Attributes' section shows 'If Active TMD 1: TMDXXXXXX' and 'If Active TMD 2: TMDYYYYY'.

Genealogy Reports

Enter Serial or Part Number

Search

Click Serial Number

If needed, click and drag Dividing Bar

Click View Part Details

Serial/Lot Number	Family	Part Number	Supplier
1 SN: Test A	Default	186241401	

Test A Properties

Product Family: Default
Part Number: 186241401
Supplier:

Part Attributes

If Active TMD 1: TMDXXXXXX
If Active TMD 2: TMDYYYYY

APS Attributes



Verify



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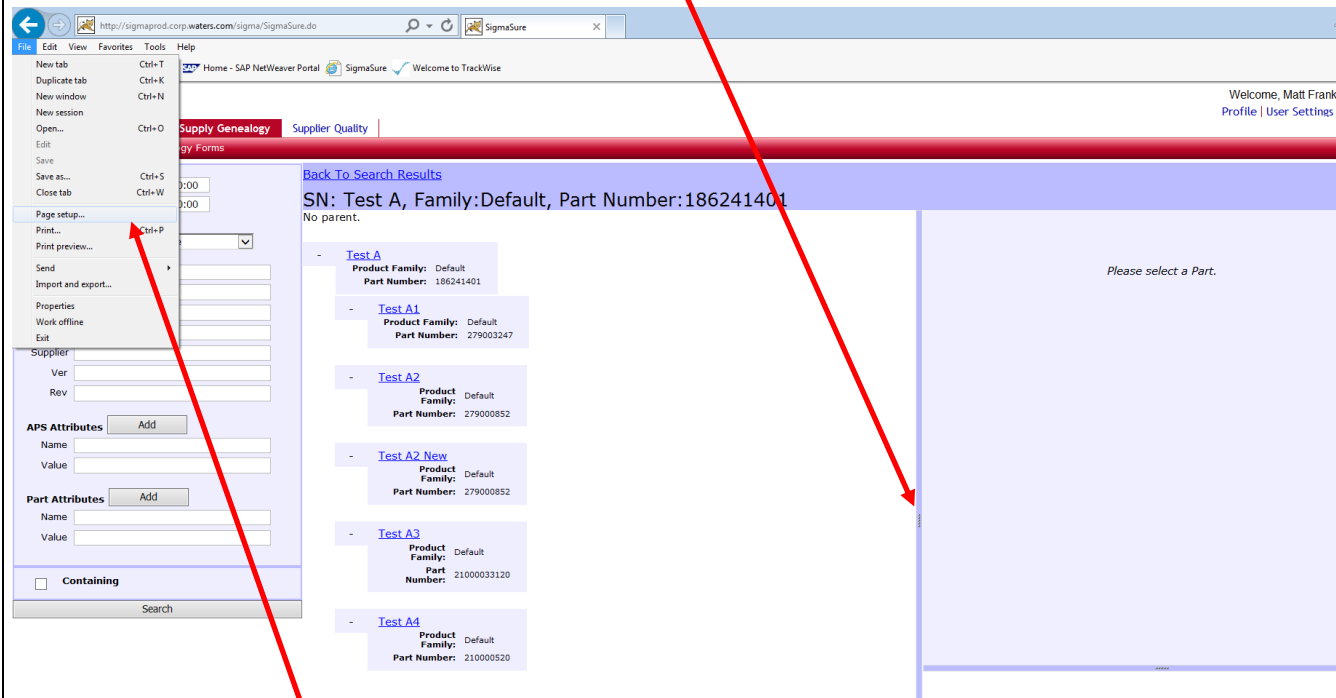
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OPER
3.0 OPERATION DESCRIPTION
Printing a Genealogy Record

3.5 Slide the dividing bar to the far most right hand side of the Screen

3.6 Click *File* and then *Page Setup*

Click here and Slide to right of screen



File, Page Set Up



Verify



Scan



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OPER
3.0

OPERATION DESCRIPTION
Printing a Genealogy Record

- 3.7 Edit the Page Setup window as shown in the figure:
- All Margins: 0.75
 - All Header fields: "-Empty-"
 - 1 Footer field: "Date in long format"
 - 1 Footer field: "Page # of total Pages"
- If the Print out of the Genealogy Record is going to be more than 1 page than the 3rd footer space must be selected as custom with the text "Serial Number:" followed by the parent assembly serial number.

If the Print out of the Genealogy Record is going to be only 1 page than the 3rd footer space can be left selected "-Empty-"

- Click OK



Verify



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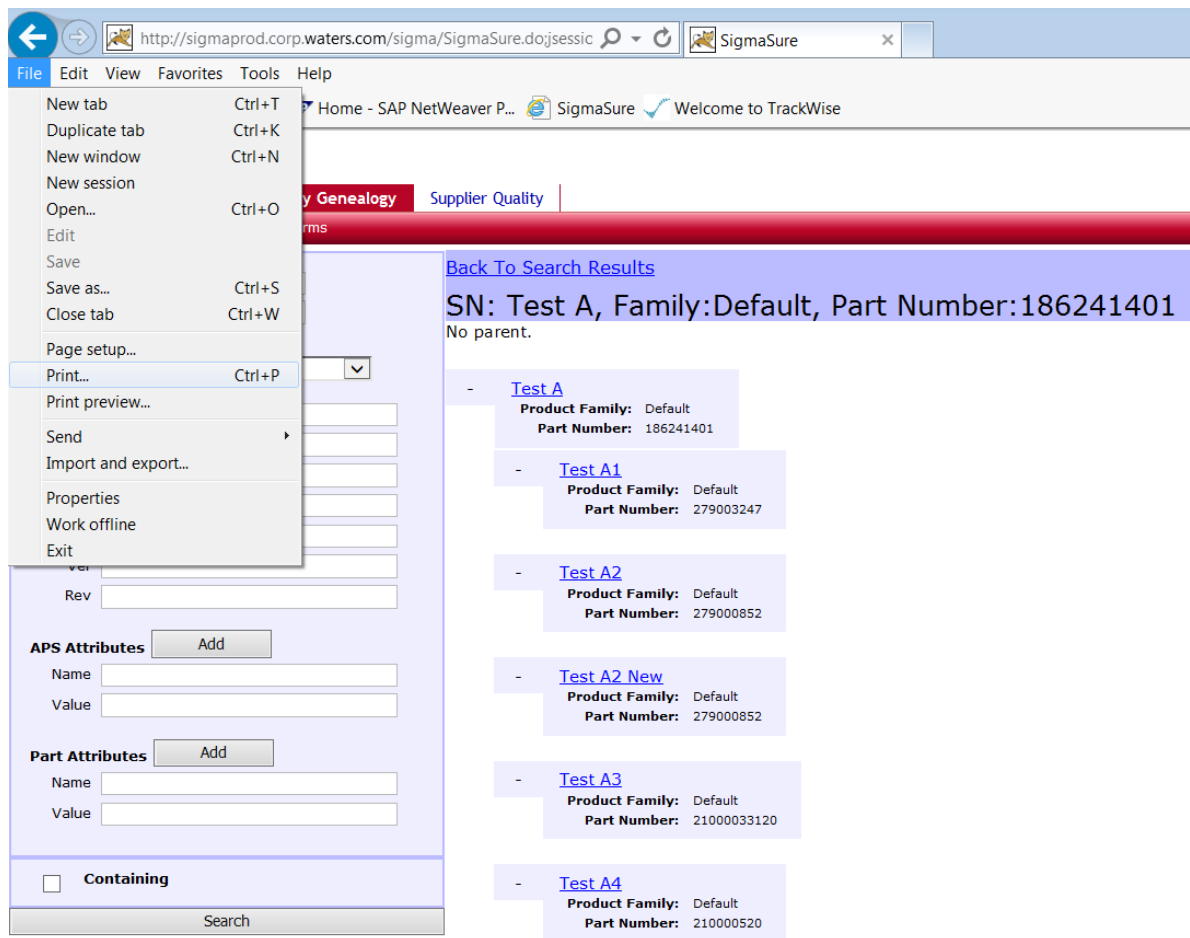
OPER
3.0 OPERATION DESCRIPTION
Printing a Genealogy Record

3.8 Click file and Click *Print*

Select a printer and click *Print*

NOTE: If you replaced a Child component and used a Replace Assembly Process Step, then you will need to cross out (a single horizontal line) through the replaced component on the print out, paper copy. Write "Replaced" next to the cross out then Initial and date the cross out.

NOTE: Depending on the version of Internet Explorer being used, before printing, you may need to re-size the page so that all parts of the Genealogy show on the screen. (on the Tool bar select VIEW then ZOOM)



Verify



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OPEROPERATION DESCRIPTION

3.0

Printing a Genealogy Record

3.9 The Record show to the right is an example of a printed Genealogy record.

Verify the following :

- The Parent part number and serial number are present and accurate
- All Child component part numbers and serial numbers are present and accurate
- Any Child Component that was replaced is crossed out with a note "Replaced", initialed and dated
- Page Numbers are accurate
- If Genealogy record is more than 1 page, than the serial number of the Parent is in the footer of the page

[Back To Search Results](#)

SN: C16VRI069M, Family:Default, Part Number:186017004

No parent.

- C16VRI069M
Product Family: Default
Part Number: 186017004
- 031115212G
Product Family: Default
Part Number: 21000033120
- M5BN7M
Product Family: Default
Part Number: 279003247
- 080116711G
Product Family: Default
Part Number: 210000399
- M53NRY
Product Family: Default
Part Number: 289010151
- 020216776C
Product Family: Default
Part Number: 210000520
- ~~NEW~~
Product Family: Default
Part Number: 21000033120
- T16121B0292
Product Family: Default
Part Number: 279000852

Replaced
M.F. 31 Mar 2016

Serial Number: C16VRI069M

Thursday, March 31, 2016

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