

AASHTOWare Project Training Manual

Revision Date: August 2023



Using DSR to Test and Assign SMI

By the end of this Module, you will be able to:

1. [Use DSR to Test and Assign SMI](#)

Using DSR to Test and Assign SMI

1. Log into AWP.



2. Begin at Dashboard and click Daily Source Report under Reference Data.



3. Use the Action Menu and select Add.

Daily Source Report Overview

▼ Daily Source Report Overview Save ?

Type search criteria or press Enter Advanced

Enter search criteria above to see results or Show first 10

Actions
Add

No rows changed to filter 0 changed

4. Select the Source.

▼ Add Daily Source Report

Source *	Remarks
Begin typing to search or press Enter	0
Facility	Inspector
Begin typing to search or press Enter	
Date *	Locked By
mm/dd/yyyy <input type="calendar"/>	
Inspector on Site	Locked Date
☐	

5. Select the Date using the calendar icon. The system defaults to the current date.

▼ Add Daily Source Report

Source *	Remarks
SSCS058020 Sherwin-Williams Co	0
Facility	Inspector
Begin typing to search or press Enter	
Date *	Locked By
mm/dd/yyyy <input type="calendar"/>	Locked Date

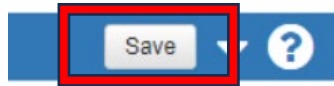
March 2024

Su	Mo	Tu	We	Th	Fr	Sa
25	26	27	28	29	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

Clear Today

Remark *

6. Click Save.



7. Select Materials tab.

▼ Daily Source Report

Source: SSCS058020 - Sherwin-Williams Co Date: 03/26/2024

General	Source *	Remarks
Materials	SSCS058020 Sherwin-Williams Co	0
Inspection	Date *	Inspector
	03/26/2024	Iready
	Inspector on Site	Locked By
	☐	Locked Date

8. Click Select Materials.

▼ Daily Source Report

Source: SSCS058020 - Sherwin-Williams Co Date: 03/26/2024

General	
Materials	Type search criteria or press Enter Advanced
Inspection	Select Materials... Select Supplied Materials...
	No rows found matching criteria.

9. Select the appropriate materials and click Add to DSR.

Select Materials

Q Type search criteria or press Enter Advanced Showing 5 of 5

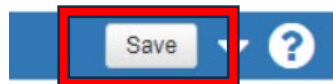
Select: All None 2 selected

Material Code	Material Name	English Unit	Metric Unit
✓ 909M00180	Paint, Zinc Prime, Organic	GAL - GALLON	
✓ 909M00190	Paint, Epoxy Intermediate	GAL - GALLON	
909M00200	Paint, Polyurethane Finish Coat	GAL - GALLON	
909M00211	Paint, Waterborne, Sound Barrier Post	GAL - GALLON	
909M00231	Paint, Str Steel Coating Systems (Dave test)	EACH - EACH	

↑

Add to DSR

10. Click Save.



11. Find the desired material. Use the Open Row Action Menu and select Create New SMI (DSRMaterial).

▼ Daily Source Report Save ?

Source: SSCS058020 - Sherwin-Williams Co Date: 03/26/2024

General
Materials
Inspection

Q Type search criteria or press Enter Advanced Showing 2 of 2

Select Materials... Select Supplied Materials...

0 marked for deletion 0 changed Expand All

Material	Source	English Unit	Metric Unit	SMI
909M00180 - Paint, Zinc Prime, Organic	-	GAL - GALLON		
909M00190 - Paint, Epoxy Intermediate	-	GAL - GALLON		

Open Row Actions Menu

- Actions
- Delete
- Exclude from Search Results
- Select Existing SMI...
- Tasks
- Create New Sample Record
- Create New SMI (DsrMaterial)
- Views
- Attachments (0)
- Links
- Tracked Issues

→

12. Verify the fields are:

- Prefix Dropdown = M – Pretested Materials
- Redirect To = SMFMI Redirect to SMFMI Component
- AutoPopulate Prod Objects = True-Automatically associate the SourceMat

Click Execute.

Execute Process

Execute Process - Create New SMI (DsrMaterial)

Settings Set Parameters 3 of 4

Prefix Dropdown *
Select Prefix
M - Pretested Materials

Redirect To *
Select Redirect URL
DSR - Redirect to DSR Material Tab

AutoPopulate Prod Objects *
Automatically populates the associated Prod values when creating DSRMaterial/SMFMI
False - Leave values blank for SourceMaterial PROD SMFMI when created

Execute

13. Select the Brand Name. Click enter for a list of products.

Source Material Identification Summary

Source: SSCS058020 Material: 909M00180

General

Associated DSRs

SMI Name

M-247017

Brand Name

Begin typing to search or press Enter

Zinc Clad 200 SSCS058020

Showing 1 of 1

Sample Quantity Units

Quantity

Represented Qty

14. Enter the sample quantity.

Source Material Identification Summary

Source: SSCS058020 Material: 909M00180

General

Associated DSRs

SMI Name

M-247017

Brand Name

Q

Zinc Clad 200

SSCS058020

Sample Quantity

5

Sample Quantity Units

Quantity

Represented Qty

Represented Quantity Units

Limit To Total Available Quantity

Global SMI Authority

Yes

Net Inventory Quantity

0.000

Pending Net Inventory Quantity

0.000

Status

ACTIVE - Active

Active

Yes

Material Approval Effective Date

01/01/2021

Material Approval Expiration Date

Batch Numbers

15. Enter the units.

Source Material Identification Summary

Source: SSCS058020 Material: 909M00180

General

Associated DSRs

SMI Name

M-247017

Brand Name

Q

Zinc Clad 200

SSCS058020

Sample Quantity

5

Sample Quantity Units

GAL - GALLON

Quantity

Represented Qty

Represented Quantity Units

Limit To Total Available Quantity

Global SMI Authority

Yes

Net Inventory Quantity

0.000

Pending Net Inventory Quantity

0.000

Status

ACTIVE - Active

Active

Yes

Material Approval Effective Date

01/01/2021

Material Approval Expiration Date

Batch Numbers

16. Enter the represented quantity.

Source Material Identification Summary

Source: SSCS058020 Material: 909M00180

General

Associated DSRs

SMI Name
M-247017

Brand Name
Q Zinc Clad 200
SSCS058020

Sample Quantity
5

Sample Quantity Units
GAL - GALLON

Quantity

Represented Qty
10,000.000

Represented Quantity Units

Limit To Total Available Quantity
☐

Global SMI Authority
Yes

Net Inventory Quantity
0.000

Pending Net Inventory Quantity
0.000

Status
ACTIVE - Active

Active
Yes

Material Approval Effective Date
01/01/2021

Material Approval Expiration Date

Batch Numbers

17. Enter the represented units.

Source: SSCS058020 Material: 909M00180

Q Zinc Clad 200
SSCS058020

Sample Quantity
5

Sample Quantity Units
GAL - GALLON

Quantity

Represented Qty
10,000.000

Represented Quantity Units
GAL - GALLON

Limit To Total Available Quantity
☐

Effective Date
03/25/2024

Expiration Date
mm/dd/yyyy

Responsible Lab

0.000

Pending Net Inventory Quantity
0.000

Status
ACTIVE - Active

Active
Yes

Material Approval Effective Date
01/01/2021

Material Approval Expiration Date

Batch Numbers

18. Verify Status as Active.

Source Material Identification Summary

Source: SSCS058020 Material: 909M00180

General	SMI Name M-247017	Global SMI Authority Yes
Associated DSRs	Brand Name Zinc Clad 200 SSCS058020	Net Inventory Quantity 0.000
	Sample Quantity 5	Pending Net Inventory Quantity 0.000
	Sample Quantity Units GAL - GALLON	Status ACTIVE - Active
	Quantity 	Active Yes
	Represented Qty 10,000.000	Material Approval Effective Date 01/01/2021
	Represented Quantity Units GAL - GALLON	Material Approval Expiration Date
	Limit To Total Available Quantity 	Batch Numbers

19. Report the Effective Date using the calendar icon.

Source: SSCS058020 Material: 909M00180

Sample Quantity 5
Sample Quantity Units GAL - GALLON
Quantity
Represented Qty 10,000.000
Represented Quantity Units GAL - GALLON
Limit To Total Available Quantity ☐
Effective Date 03/25/2024
Expiration Date mm/dd/yyyy
Responsible Lab -
Material Approval Active

20. Enter the Expiration Date if needed using the calendar icon.

▼ Source: SSCS058020 Material: 909M00180

Sample Quantity

Sample Quantity Units
GAL - GALLON ▼

Quantity

Represented Qty

Represented Quantity Units
GAL - GALLON ▼

Limit To Total Available Quantity
☐

Effective Date
 

Expiration Date
  

Responsible Lab
-

Material Approval Active

21. If you want to limit the SMI use once the represented quantity is reached, check the box for Limit to Total Available Quantity.

▼ Source: SSCS058020 Material: 909M00180

 Zinc Clad 200
SSCS058020

Sample Quantity

Sample Quantity Units
GAL - GALLON ▼

Quantity

Represented Qty

Represented Quantity Units
GAL - GALLON ▼

Limit To Total Available Quantity
☒ 

22. Enter Batch Numbers if needed.

Source: SSCS058020 Material: 909M00180

Q Zinc Clad 200
SSCS058020

Sample Quantity
5

Sample Quantity Units
GAL - GALLON

Quantity

Represented Qty
10,000.000

Represented Quantity Units
GAL - GALLON

Limit To Total Available Quantity
☒

Effective Date
03/25/2024

Expiration Date
03/26/2026

Responsible Lab
-

0.000

Pending Net Inventory Quantity
0.000

Status
ACTIVE - Active

Active
Yes

Material Approval Effective Date
01/01/2021

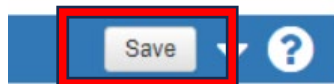
Material Approval Expiration Date

Batch Numbers

Paint comp 1

Paint comp 2

23. Click Save.



24. Repeat steps 11-23 for each material added to the DSR.

25. Select Associated DSRs tab.

Source Material Identification Summary Save Complete

Source: SSCS058020 Material: 909M00180

General

Associated DSRs

SMI Name
M-247017

Brand Name
Q Zinc Clad 200
SSCS058020

Sample Quantity
5

Sample Quantity Units
GAL - GALLON

Quantity

Global SMI Authority
Yes

Net Inventory Quantity
0.000

Pending Net Inventory Quantity
0.000

Status
ACTIVE - Active

Active
Yes

26. Use the Open Row Actions Menu and select Open.

The screenshot shows the 'Source' table in the AASHTOWare interface. The table has columns: Source, Facility, Inspector, and Date. The first row is 'SSCS058020 - Sherwin-Williams Co'. An actions menu is open for this row, showing options: Actions, Delete, Exclude from Search Results, Open, Views, Attachments (0), Links, Reports, and Daily Source Report. A red arrow points to the 'Open' option. A red box highlights the actions menu icon in the table header.

Source	Facility	Inspector	Date
SSCS058020 - Sherwin-Williams Co	-	Iready	

27. Use the Open Row Actions Menu and select Create New Sample Record.

The screenshot shows the 'Daily Source Report' table in the AASHTOWare interface. The table has columns: Material, Source, English Unit, Metric Unit, SMI, Inspection Value, Max Quantity, Effective Date, Expiration Date, Status, and Open Row Actions Menu. The first row is '909M00180 - Paint, Zinc Prime, Organic'. The second row is '909M00190 - Paint, Epoxy Intermediate'. An actions menu is open for the second row, showing options: Actions, Delete, Open, Tasks, Create New Sample Record, Views, Attachments (0), Links, Sample Records, and SMI. A red arrow points to the 'Create New Sample Record' option. A red box highlights the actions menu icon in the table header.

Material	Source	English Unit	Metric Unit	SMI
909M00180 - Paint, Zinc Prime, Organic	-	GAL - GALLON		1
909M00190 - Paint, Epoxy Intermediate	-	GAL - GALLON		

28. Reference the module Creating a Sample with Test Results. Follow steps 4-41.

29. If the material tested fails, go to the DSR and select the SMI.

The screenshot shows the 'Daily Source Report' interface. At the top, it says 'Source: SSCS058020 - Sherwin-Williams Co' and 'Date: 03/26/2024'. On the left, there are tabs for 'General', 'Materials', and 'Inspection'. The 'Materials' tab is active, showing a search bar with the text 'Type search criteria or press Enter'. Below the search bar, there are buttons for 'Select Materials...' and 'Select Supplied Materials...'. A table of materials is displayed with columns: Material, Source, English Unit, Metric Unit, SMI, SMI, Inspection Value, Max Quantity, Effective Date, Expiration Date, and Status. The first row of the table is for material '909M00180 - Paint, Zinc Prime, Organic' with source '-', English Unit 'GAL - GALLON', Metric Unit '1', and SMI '1'. A red arrow points to the SMI 'M-247017' in the table.

30. Change the Status to Inactive.

The screenshot shows the 'Source: SSCS058020 Material: 909M00180' form. On the left, there are tabs for 'General' and 'Associated DSRs'. The 'General' tab is active, showing fields for 'SMI Name' (M-247017), 'Brand Name' (Zinc Clad 200), 'Sample Quantity' (5), 'Sample Quantity Units' (GAL - GALLON), and 'Quantity'. On the right, there are fields for 'Global SMI Authority' (Yes), 'Net Inventory Quantity' (0.000), 'Pending Net Inventory Quantity' (0.000), and 'Status' (INACTIVE - Inactive). A red arrow points to the 'Status' dropdown menu.

31. Click Save.

A close-up of the 'Save' button in the interface, which is highlighted with a red box. The button is located at the bottom right of the form and has a 'Save' label, a dropdown arrow, and a question mark icon.