

Product Update SYSPRO 8 2024 and Beyond

Kevin Dherman | Chief Innovation Officer

SYSPRO 2024 Release Highlights



Enterprise Asset Management Planned Maintenance

- New Module – Enterprise Asset Management
- Planned and Scheduled Maintenance
- Breakdown & Reactive Maintenance
- Integrated with MRP for Spare Parts Procurement
- Integrated with WIP to assist MOM/MES



New Module

Enterprise Asset Maintenance - Demo



SYSPRO Home > Home Menu 6 notifications | David van Rensburg

Asset Maintenance Requirements | **Maintenance Planning** | **Maintenance Execution**

- Asset Maintenance Requirements:** Equipment Code Maintenance, Service Type Maintenance, Service Structure Maintenance, Equipment Type Maintenance
- Maintenance Planning:** Planned Maintenance Job Schedule, Maintenance Job Entry, List of Scheduled Maintenance Jobs, Maintenance Job Parts Review
- Maintenance Execution:** Planned Maintenance Job Schedule Query, Maintenance Job Closure, Maintenance Job Issues, Maintenance Specific Issue

EAM Planned Maintenance Schedule Time View

Date	Volume	Volume (Negative)	Total
Jun 27, 2024	1	0	1
Jul 4, 2024	1	0	2
Aug 11, 2024	1	0	3
Aug 13, 2024	1	0	4
Sep 16, 2024	1	0	5
Sep 17, 2024	1	0	6
Sep 18, 2024	1	0	7
Sep 30, 2024	1	0	8
Oct 2, 2024	1	0	9
Total	9	0	9

Group: Startdate (UTC) Granularity: Day

EAM Breakdown Analysis

Category	Count	Percentage
Machine 1	5	71.43%
Drill	1	14.29%
Roller	1	14.28%

Group: Equipmentcode Size: Volume



New Module Enterprise Asset Maintenance



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Asset Maintenance Requirements

- Equipment Code Maintenance
- Service Type Maintenance
- Service Structure Maintenance
- Equipment Type Maintenance**

Maintenance Planning

- Planned Maintenance Jo... Schedule
- Maintenance Job Entry
- List of Scheduled Maintenance Jobs
- Maintenance Job Parts Review

Maintenance Execution

- Planned Maintenance Jo... Schedule Query
- Maintenance Job Closure
- Maintenance Job Issues
- Maintenance Specific Issue

EAM Planned Maintenance Schedule Time View

Group: Startdate (UTC) Granularity: Day

EAM Breakdown Analysis

Group: Equipmentcode Size: Volume

Startdate UTC: Jun 27, 2024 to Oct 28, 2024

Jobdeliverydate UTC: Sep 10, 2024 to Sep 17, 2024



New Module Enterprise Asset Maintenance



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Asset Maintenance Requirements

- Equipment Code Maintenance
- Service Type Maintenance
- Service Structure Maintenance
- Equipment Type Maintenance

Maintenance Planning

- Planned Maintenance Job Schedule
- Maintenance Job Entry
- List of Scheduled Maintenance Jobs
- Maintenance Job Parts Review

Maintenance Execution

- Planned Maintenance Job Schedule Query
- Maintenance Job Closure
- Maintenance Job Issues
- Maintenance Specific Issue

EAM Planned Maintenance Schedule Time View

Date	Volume	Volume (Negative)	Total
Jun 27, 2024	1.0	0.0	1.0
Jul 4, 2024	1.0	0.0	2.0
Aug 11, 2024	1.0	0.0	3.0
Aug 13, 2024	1.0	0.0	4.0
Sep 16, 2024	1.0	0.0	5.0
Sep 18, 2024	3.0	0.0	8.0
Oct 2, 2024	0.0	0.0	8.0
Total	0.0	0.0	12.0

EAM Breakdown Analysis

Equipment Code	Volume	Percentage
Machine 1	9.0	75%
Roller	1.5	12.5%
Drill	1.5	12.5%

Equipment Type Maintenance

Equipment type: P-Line

Description: Production Line - Conveyor

Use equipment code structure:

Equipment code:



New Module Enterprise Asset Maintenance



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Asset Maintenance Requirements

- Equipment Code Maintenance
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- Equipment Type Maintenance

Maintenance Planning

- Planned Maintenance Job Schedule
- Maintenance Job Entry
- List of Scheduled Maintenance Jobs
- Maintenance Job Parts Review

Maintenance Execution

- Planned Maintenance Job Schedule Query
- Maintenance Job Closure
- Maintenance Job Issues
- Maintenance Specific Issue

EAM Planned Maintenance Schedule Time View

Date	Volume	Volume (Negative)	Total
Jun 27, 2024	1	0	1
Jul 4, 2024	1	0	2
Aug 11, 2024	1	0	3
Aug 13, 2024	1	0	4
Sep 16, 2024	1	0	5
Sep 17, 2024	1	0	6
Sep 18, 2024	1	0	7
Sep 30, 2024	1	0	8
Oct 2, 2024	1	0	9
Total	0	0	9

Group: Startdate (UTC) Granularity: Day

EAM Breakdown Analysis

Category	Count	Percentage
Machine 1	5	71.43%
Roller	1	14.28%
Drill	1	14.29%

Group: Equipmentcode Size: Volume

Startdate UTC | Min | Max | 📅 | 🔍 | 🔄

Jobdeliverydate UTC | Min | Max | 📅 | 🔍 | 🔄



New Module Enterprise Asset Maintenance



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Asset Maintenance Requirements

- Equipment Code Maintenance
- Service Type Maintenance
- Service Structure Maintenance
- Equipment Type Maintenance

Equipment Code Maintenance (Modal Window)

Equipment Code: Filling

Description: Filling Machine
Equipment serial: 2632843
Type of asset: Machine Other
Machine: FILLING
Equipment type: P-Line
Linked to asset:
Asset: PL100

Capex information

Capex Item: PLANT S
Capex line: 1
Link capex item to job:

Service ledger codes

Ledger code	Description	Service notes
There are no items to show		

Maintenance Execution

- Planned Maintenance Job Schedule Query
- Maintenance Job Closure
- Maintenance Job Issues
- Maintenance Specific Issue

EAM Planned Maintenance Schedule Time View

Group: Startdate (UTC) Granularity: Day

EAM Breakdown Analysis

Equipmentcode	Volume	Percentage
Machine 1	6	75%
Drill	1	12.5%
Roller	1	12.5%

Group: Equipmentcode Size: Volume

New Module Enterprise Asset Maintenance



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Asset Maintenance Requirements

- Equipment Code Maintenance
- Service Type Maintenance**
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Maintenance Planning

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- Maintenance Job Issues
- Maintenance Specific Issue

EAM Planned Maintenance Schedule Time View

Date	Volume	Volume (Negative)	Total
Jun 27, 2024	1	0	1
Jul 4, 2024	1	0	2
Aug 11, 2024	1	0	3
Aug 13, 2024	1	0	4
Sep 16, 2024	1	0	5
Sep 17, 2024	1	0	6
Sep 18, 2024	1	0	7
Sep 30, 2024	1	0	8
Oct 2, 2024	1	0	9
Total	0	0	9

Group: Startdate (UTC) Granularity: Day

EAM Breakdown Analysis

Equipment Code	Volume	Percentage
Machine 1	5	71.43%
Drill	1	14.29%
Roller	1	14.28%
Total	7	100%

Group: Equipmentcode Size: Volume



New Module Enterprise Asset Maintenance



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Asset Maintenance Requirements

- Equipment Code Maintenance
- Service Type Maintenance
- Service Structure Maintenance
- Equipment Type Maintenance

Maintenance Planning

- Planned Maintenance Job Schedule
- Maintenance Job Entry
- List of Scheduled Maintenance Jobs
- Maintenance Job Parts Review

Maintenance Execution

- Planned Maintenance Job Schedule Query
- Maintenance Job Closure
- Maintenance Job Issues
- Maintenance Specific Issue

EAM Planned Maintenance Schedule Time View

Volume (Green), Volume (Negative) (Orange), Total (Dark Green)

Startdate (UTC)	Volume	Volume (Negative)	Total
Jun 27, 2024	1.0	0.0	1.0
Jul 4, 2024	1.0	0.0	1.0
Aug 11, 2024	2.0	0.0	2.0
Aug 13, 2024	3.0	0.0	3.0
Sep 16, 2024	5.0	0.0	5.0
Sep 20, 2024	0.0	1.0	-1.0
Sep 30, 2024	0.0	1.0	-1.0
Oct 2, 2024	0.0	1.0	-1.0
Total	10.0	3.0	7.0

Group: Startdate (UTC) Granularity: Day

EAM Breakdown Analysis

Drill (Orange), Machine 1 (Green), Roller (Blue)

Equipmentcode	Volume	Percentage
Machine 1	6	75%
Drill	1	12.5%
Roller	1	12.5%

Group: Equipmentcode Size: Volume

Service Type Maintenance

Service type:

Description:

Type of service:

- Plant maintenance
- Other asset

New Module Enterprise Asset Maintenance



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Asset Maintenance Requirements

- Equipment Code Maintenance
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EAM Planned Maintenance Schedule Time View

Group: Startdate (UTC) Granularity: Day

EAM Breakdown Analysis

Group: Equipmentcode Size: Volume

Startdate UTC: Jun 27, 2024 to Oct 28, 2024

Jobdeliverydate UTC: Sep 10, 2024 to Sep 17, 2024



New Module Enterprise Asset Maintenance



SYSPRO Home > Home Menu

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Asset Maintenance Requirements

Maintenance Planning

Maintenance Execution

Equipment Code Maintenance

Service Type Maintenance

Service Structure Maintenance

Equipment Type Maintenance

Planned Maintenance Job Schedule

Maintenance Job Entry

List of Scheduled Maintenance Jobs

Maintenance Job Parts Review

Planned Maintenance Job Schedule Query

Maintenance Job Closure

Maintenance Job Issues

Maintenance Specific Issue

SYSPRO Home > Service Structure Maintenance

Equipment Code: Filling Maintenance Service Type: FLM

Equipment description: Filling Machine

Service type description: Filling Bi-Monthly Service

Equipment type: P-Line

Type of asset: Plant Maintenance

Machines

Machine: FILLING

Time unit of measure: 0.000000

Standard time per month: 0.000000

Work center:

WIP branch:

Shift id:

Production line:

Operations

Edit	Operation	Work center	Rate indicator	Operation type	Setup time	Run time	Wait time	Milestone
Edit	1	CLEAN		1 Internal	5.000000	10.000000	0.000000	Yes

Showing 1 item(s)

Parts and Spares

Edit	Sequence	Component	Description	Offset	Operation	Entered quantity per	Warehouse
Edit	000000	CHEM002	Solvent Mix	Operation	Operation	1	5.000 RM

Showing 1 item(s)

EAM Planned Maintenance Schedule Time View

Metrics: Volume

Jun 27, 2024 Jul 4, 2024 Aug 11, 2024 Aug 13, 2024

Startdate UTC

Jobdeliverydate UTC



New Module Enterprise Asset Maintenance



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Asset Maintenance Requirements

- Equipment Code Maintenance
- Service Type Maintenance
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- Maintenance Specific Issue

EAM Planned Maintenance Schedule Time View

Date	Volume	Volume (Negative)	Total
Jun 27, 2024	1	0	1
Jul 4, 2024	1	0	2
Aug 11, 2024	1	0	3
Aug 13, 2024	1	0	4
Sep 16, 2024	1	0	5
Sep 17, 2024	1	0	6
Sep 18, 2024	1	0	7
Sep 30, 2024	1	0	8
Oct 2, 2024	1	0	9
Total	0	0	9

EAM Breakdown Analysis

Equipment Code	Volume	Percentage
Machine 1	5	71.43%
Drill	1	14.29%
Roller	1	14.28%
Total	7	100%



New Module Enterprise Asset Maintenance



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Asset Maintenance Requirements

Equipment Code Maintenance Service Type Maintenance

Equipment Code Machine 1 Maintenance Service Type CNC-06 Include Complete Query

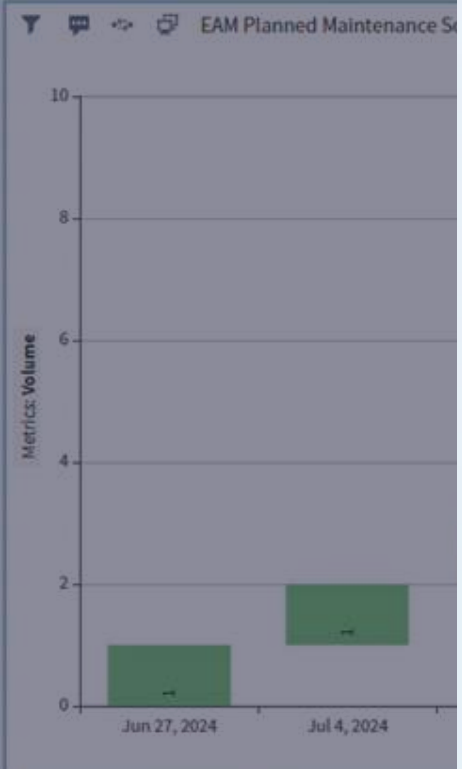
Planned Maintenance Job Schedule 6 David van Rensburg

Schedule Recurring Jobs

	Start date	End date	Created date	Job description	WIP ledger code	Job classification	Job confirmed	Job	Job status	Link to capex	Status	Error messages
	18/09/2024	18/09/2024	None	Production Floor CNC Machine 1	01-1510		<input checked="" type="checkbox"/>			<input type="checkbox"/>	New	
	02/10/2024	03/10/2024	17/09/2024	Production Floor CNC Machine 1	01-1510	PlanMain	<input checked="" type="checkbox"/>	00000805	Not started	<input type="checkbox"/>		
	30/09/2024	01/10/2024	17/09/2024	Production Floor CNC Machine 1	01-1510	PlanMain	<input checked="" type="checkbox"/>	00000806	Not started	<input type="checkbox"/>		
	17/09/2024	17/09/2024	17/09/2024	Production Floor CNC Machine 1	01-1510	PlanMain	<input checked="" type="checkbox"/>	00000808	Overdue	<input type="checkbox"/>		
	11/08/2024	11/10/2024	17/09/2024	Production Floor CNC Machine 1	01-1510	PlanMain	<input checked="" type="checkbox"/>	00000807	Overdue	<input type="checkbox"/>		

Showing 5 item(s)

**SE
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ME**



New Module Enterprise Asset Maintenance



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Asset Maintenance Requirements

Equipment Code Maintenance | Service Type Maintenance | Service Structure Maintenance | Equipment Type Maintenance

EAM Planned Maintenance Schedule Time View

Metrics: Volume

Date	Volume
Jun 27, 2024	1.0
Jul 4, 2024	2.0
Aug 11, 2024	3.0
Aug 13, 2024	4.0

Planned Maintenance Job Schedule

Equipment Code: Machine 1 | Maintenance Service Type: CNC-06

Start date	End date	Created date	Job description
18/09/2024	18/09/2024	18/09/2024	Production Floor CNC Machine 1
02/10/2024	03/10/2024	17/09/2024	Production Floor CNC Machine 1
30/09/2024	01/10/2024	17/09/2024	Production Floor CNC Machine 1
17/09/2024	17/09/2024	17/09/2024	Production Floor CNC Machine 1
11/08/2024	11/10/2024	17/09/2024	Production Floor CNC Machine 1

Schedule Recurring Jobs

Create

Number of schedules to create: 5

Schedule to be projected by:

- Number of days
- Fixed day per month

Schedule period in days: 30

Schedule start date: 01/01/2025

Job details

Job description: Monthly Service

Job classification: [Search]

WIP ledger code: 01-1510

Link to capex:

Job confirmed:

Job	Job status	Link to capex	Status	Error messages
00000815		<input type="checkbox"/>	Added	
00000805	Not started	<input type="checkbox"/>		
00000806	Not started	<input type="checkbox"/>		
00000808	Overdue	<input type="checkbox"/>		
00000807	Overdue	<input type="checkbox"/>		

Showing 5 item(s)

New Module Enterprise Asset Maintenance



SYSPRO Home > Home Menu

Asset Maintenance Requirements

Equipment Code Maintenance Service Type Maintenance Service Status Maintenance

SYSPRO Home > Planned Maintenance Job Schedule

Equipment Code Machine 1 Maintenance Service Type CNC-06 Include Complete

Query

Schedule Recurring Jobs

	Start date	End date	Created date	Job description	WIP ledger code	Job classification	Job confirmed	Job	Job status	Link to capex	Status	Error messages
	01/05/2025	01/05/2025	18/09/2024	Monthly Service	01-1510		<input checked="" type="checkbox"/>	00000820	Not started	<input type="checkbox"/>		
	01/04/2025	01/04/2025	18/09/2024	Monthly Service	01-1510		<input checked="" type="checkbox"/>	00000819	Not started	<input type="checkbox"/>		
	02/03/2025	02/03/2025	18/09/2024	Monthly Service	01-1510		<input checked="" type="checkbox"/>	00000818	Not started	<input type="checkbox"/>		
	31/01/2025	31/01/2025	18/09/2024	Monthly Service	01-1510		<input checked="" type="checkbox"/>	00000817	Not started	<input type="checkbox"/>		
	01/01/2025	01/01/2025	18/09/2024	Monthly Service	01-1510		<input checked="" type="checkbox"/>	00000816	Not started	<input type="checkbox"/>		
	02/10/2024	03/10/2024	17/09/2024	Production Floor CNC Machine 1	01-1510	PlanMain	<input checked="" type="checkbox"/>	00000805	Not started	<input type="checkbox"/>		
	30/09/2024	01/10/2024	17/09/2024	Production Floor CNC Machine 1	01-1510	PlanMain	<input checked="" type="checkbox"/>	00000806	Not started	<input type="checkbox"/>		
	18/09/2024	18/09/2024	18/09/2024	Production Floor CNC Machine 1	01-1510		<input type="checkbox"/>	00000815	Not started	<input type="checkbox"/>		
	17/09/2024	17/09/2024	17/09/2024	Production Floor CNC Machine 1	01-1510	PlanMain	<input checked="" type="checkbox"/>	00000808	Overlapp	<input type="checkbox"/>		
	11/08/2024	11/10/2024	17/09/2024	Production Floor CNC Machine 1	01-1510	PlanMain	<input checked="" type="checkbox"/>	00000807	Overlapp	<input type="checkbox"/>		

Showing 10 item(s)

Metrics: Volume

EAM Planned Maintenance Schedule Time

Jun 27, 2024 Jul 4, 2024 Aug 11, 2024

Startdate UTC

New Module Enterprise Asset Maintenance



SYSPRO Home > Home Menu 6 David van Rensburg

Asset Maintenance Requirements

- Equipment Code Maintenance
- Service Type Maintenance
- Service Structure Maintenance
- Equipment Type Maintenance

Maintenance Planning

- Planned Maintenance Job Schedule
- Maintenance Job Entry
- List of Scheduled Maintenance Jobs
- Maintenance Job Parts Review

Maintenance Execution

- Planned Maintenance Job Schedule Query
- Maintenance Job Closure
- Maintenance Job Issues
- Maintenance Specific Issue

EAM Planned Maintenance Schedule Time View

Startdate (UTC)	Volume	Total
Jun 27, 2024	1	1
Jul 4, 2024	1	2
Aug 11, 2024	1	3
Aug 13, 2024	1	4
Sep 16, 2024	1	5
Sep 17, 2024	1	6
Sep 18, 2024	2	8
Sep 30, 2024	1	9
Oct 2, 2024	1	10
Total		10

EAM Breakdown Analysis

Equipmentcode	Volume	Percentage
Machine 1	5	71.43%
Drill	1	14.29%
Roller	1	14.28%



New Module

Enterprise Asset Maintenance - Breakdowns



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Asset Maintenance Requirements

- Equipment Code Maintenance
- Service Type Maintenance
- Service Structure Maintenance
- Equipment Type Maintenance

Maintenance Planning

- Planned Maintenance Jo... Schedule
- Maintenance Job Entry**
- List of Scheduled Maintenance Jobs
- Maintenance Job Parts Review

Maintenance Execution

- Planned Maintenance Jo... Schedule Query
- Maintenance Job Closure
- Maintenance Job Issues
- Maintenance Specific Issue

EAM Planned Maintenance Schedule Time View

Volume (Green), Volume (Negative) (Orange), Total (Dark Green)

Date	Volume
Jun 27, 2024	1
Jul 4, 2024	1
Aug 11, 2024	1
Aug 13, 2024	1
Sep 16, 2024	1
Sep 17, 2024	1
Sep 18, 2024	1
Sep 30, 2024	1
Oct 2, 2024	1
Total	9

Group: Startdate (UTC) Granularity: Day

EAM Breakdown Analysis

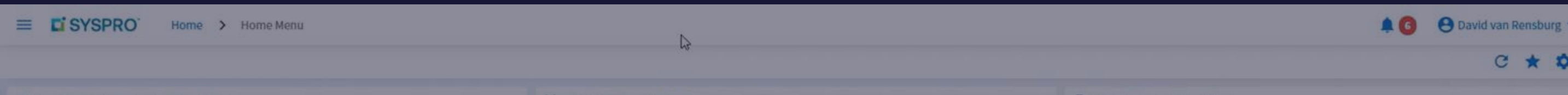
Drill (Orange), Machine 1 (Green), Roller (Blue)

Category	Count	Percentage
Machine 1	5	71.43%
Roller	1	14.28%
Drill	1	14.29%

Group: Equipmentcode Size: Volume



New Module Enterprise Asset Maintenance



Asset Maintenance Requirements

- Equipment Code Maintenance
- Service Type Maintenance
- Service Structure Maintenance
- Equipment Type Maintenance



SYSRO Maintenance Job Entry

Home > Maintenance Job Entry

Job Entry Job Maintenance Job Job Query Create Job Hold

Job: []

Equipment code *: Machine 1
Production Floor CNC Machine 1

Maintenance service type *: BREAKDOWN
Breakdown Maintenance

Equipment type: CNC
CNC Machines

Link capex item to job:

Job description: Breakdown of CNC Machine 1

WIP branch: []

WIP ledger code: 01-1510
Work in Progress Control

Job classification: []

Tender date: 18/09/2024

Job priority: 0

Dates

Date calculation method: Delivery date to be calculated
 Manually entered dates

Start date: 18/09/2024

Delivery date: 18/09/2024

Job options

Job confirmed:

Reserve lots/serials at job confirmation:

Maintenance information

Equipment code: Machine 1

Maintenance service type: BREAKDOWN

Equipment type: CNC

Maintenance job type: Unplanned

Type of service: Plant maintenance

WIP values

Material cost to date	0.00	WIP value	0.00
Operation cost to date	0.00		

Planned dates

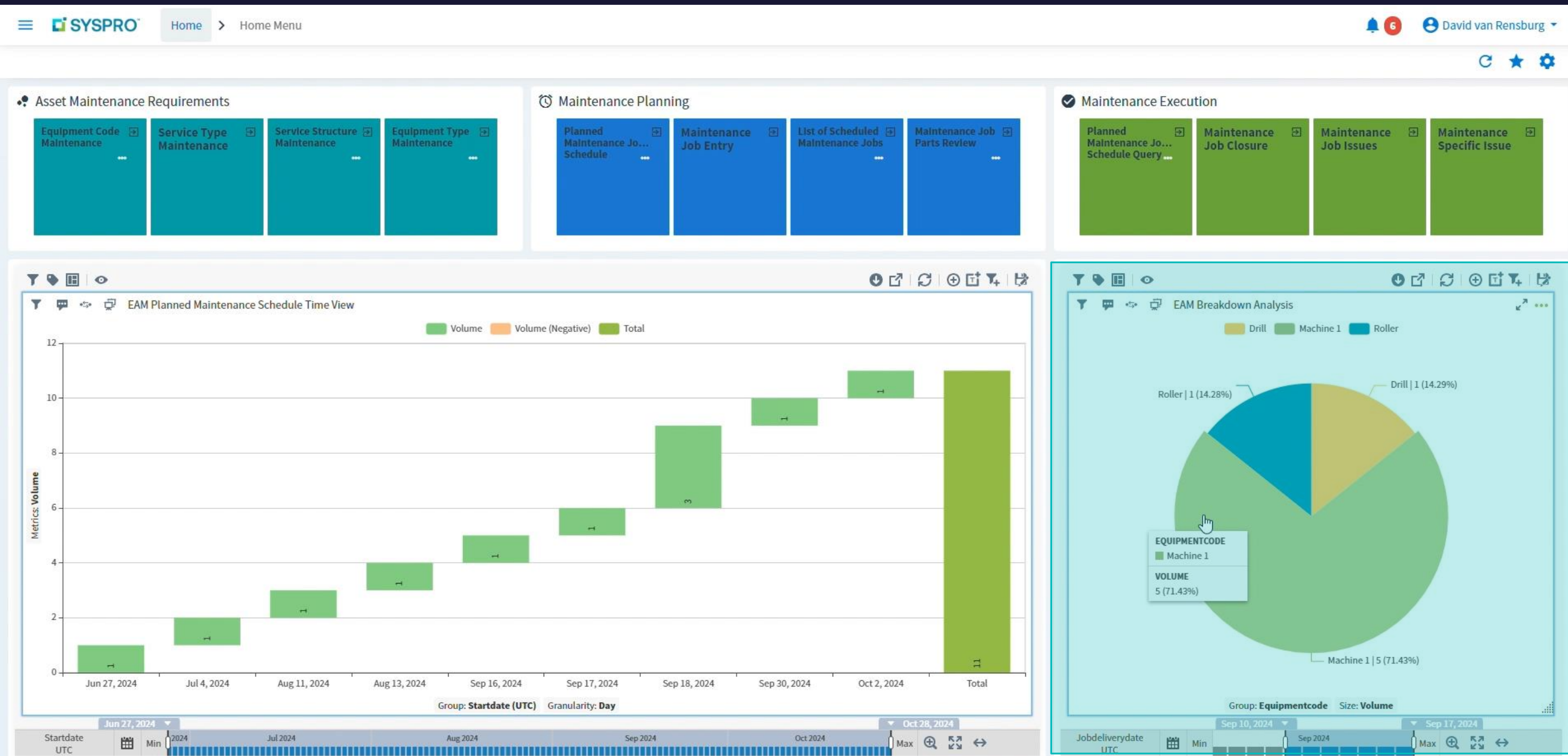
Start date	00/00/0000	Delivery date	00/00/0000
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Capex information

Capex item: []

Capex line: 0

New Module Enterprise Asset Maintenance



New Module Enterprise Asset Maintenance



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EAM Planned Maintenance Schedule Time View

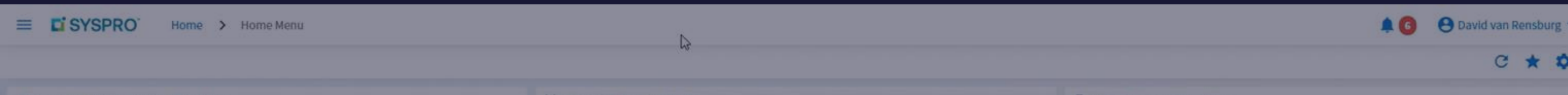
Date	Volume	Volume (Negative)	Total
Jun 27, 2024	1	0	1
Jul 4, 2024	1	0	2
Aug 11, 2024	1	0	3
Aug 13, 2024	1	0	4
Sep 16, 2024	1	0	5
Sep 17, 2024	1	0	6
Sep 18, 2024	1	0	7
Sep 30, 2024	1	0	8
Oct 2, 2024	1	0	9
Total	0	0	9

EAM Breakdown Analysis

Equipment Code	Volume	Percentage
Machine 1	5	71.43%
Drill	1	14.29%
Roller	1	14.28%



New Module Enterprise Asset Maintenance



Asset Maintenance Requirements

- Equipment Code Maintenance
- Service Type Maintenance
- Service Structure Maintenance
- Equipment Type Maintenance



Maintenance Job Parts Review

Jobs to include | Stock code to include

Add to list

Job criteria

Start date selection: All, Range, Single

From start date:

To start date:

Job classification selection: All, Range, Single, List

From job classification:

To job classification:

List of job classifications: [Define list](#)

Job selection: All, Range, Single, List

From Job:

To Job:

List of jobs: [Define List](#)

Branch selection: All, Range, Single, List

From branch:

Consolidated list

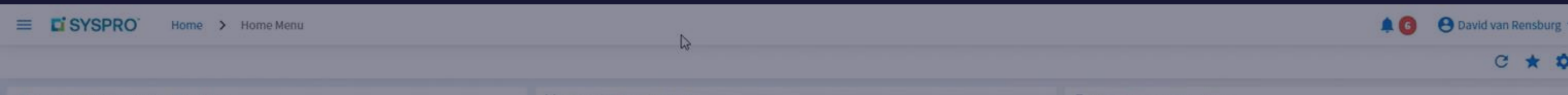
Job	Stock code	Route	Quantity to process	Quantity outstanding	Uom	Revision	Release
0000806			1.000000	1.000000	EA		
0000807			1.000000	1.000000	EA		
0000808			1.000000	1.000000	EA		

Trial kitting review

Stock code	Description	Wh	Uom	Gross required	Quantity available	Quantity on order	Net required	Part category	Supplier
3D INK	3D Ink	**	EA	2.000000			2.000000		
CO110	Water	MTN	HLT	4.000000	43.000000			Bought out	

Showing 2 item(s)

New Module Enterprise Asset Maintenance



Asset Maintenance Requirements

- Equipment Code Maintenance
- Service Type Maintenance
- Service Structure Maintenance
- Equipment Type Maintenance



Maintenance Job Parts Review

Jobs to include: Stock code to include:

Add to list

Job criteria

Start date selection: All, Range, Single

From start date: To start date:

Job classification selection: All, Range, Single, List

From job classification: To job classification:

List of job classifications: [Define list](#)

Job selection: All, Range, Single, List

From Job: To Job:

List of jobs: [Define List](#)

Branch selection: All, Range, Single, List

From branch:

Consolidated list

Job	Stock code	Route	Quantity to process	Quantity outstanding	Uom	Revision	Release
00000806			1.000000	1.000000	EA		
00000807			1.000000	1.000000	EA		
00000808			1.000000	1.000000	EA		

Trial kitting review

Stock code	Description	Wh	Uom	Gross required	Quantity available	Quantity on order	Net required	Part category	Supplier
3D INK	3D Ink			2.000000			2.000000		
CO110	Water			4.000000	43.000000			Bought out	

Purchase Order SCT

OK Cancel

Create options

- Create supply chain transfer
- Create purchase order
- Create requisition
- Create job

Requisition user:

Quality Management Non-Conformance & CAPA

- Extension of SYSPRO QMS
- Generation of Non-Conformance Reports
- Investigation & Root Cause Analysis
- Management of Corrective and Preventative Actions
- Manage and continually improve standards
 - Embedded Analytics Dashboards



Enhancements

Non-Conformance - Demo



Describes the type of deviation that occurred

Non Conformance Type

NCR Type MACH 🔍

Type: MACH
Non Conformance Type

Description: Welding Machine Malfunction
Enter a description for the Non Conformance Type

Mechanisms used to classify risks

Non Conformance Cause Category

Cause Category TIP 🔍

Cause category: TIP
NCR cause category

Description: Spot welding tip of machine damaged
Enter description for the non conformance cause category

Configuring processes that attributed to the Non-Conformance

Non Conformance Process

Process WELD 🔍

Process: WELD
NCR process

Description: Spot Welding malfunction
Enter description for the non conformance process

Defines which steps are required to be executed in a Non-Conformance Process as well as TTR – time to resolution

Non Conformance Severity Level

Severity level	Require close out	Require corrective action	Require preventative action	Require audit	Time to resolution	Priority rating
Critical	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	1
Log only	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0	4
Major	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	24	2
Minor	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	72	3

Showing 4 item(s)



Enhancements

Non-Conformance Reporting Setup



Define a standard and assign Department, Type of deviation, Process and Severity Level

The Department that is responsible for investigating the Non-Conformance Incident

Non Conformance Standard

Standard QUALITY

Description:
Enter a description for the non conformance standard

Department:

Type:

Process:

Severity level:

Severity Levels

Severity level	Require close out	Time to resolution	Priority rating
C - Critical	Yes	2	1
L - Log only	Yes	0	4
M - Major	Yes	24	2
N - Minor	Yes	72	3

Showing 4 item(s)

Non Conformance Department

Department PRO

Department:
NCR department

Description:
Enter a description for the non conformance department

Default stakeholders

Owner:

Manager:

Investigator:

Close out:

Corrective action:

Preventative action:

Auditor:

Stakeholders contact information

Stakeholder	Owner	Manager	Investigator	Close out	Corrective action	Preventative action	Audit	Require email
ADMIN	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CILLA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CYLMA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
IAN	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PAT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Showing 5 item(s)



Enhancements

Non-Conformance Reporting Setup



Define all actions that must be performed while investigating and correcting the Non-Conformance incident created when a deviation occurred against a Non-Conformance Standard

The screenshot shows a web browser window displaying the SYSPRO application. The browser's address bar shows the URL: localhost/UXTools/_SYSPRO_Fusion/Staging/TestHarnessReleaseBC.html#. The SYSPRO logo is visible in the top left corner, and the user's name, CYLMA, is in the top right. The page title is "Non Conformance Standard Actions". A search bar contains the text "Standard QUALITY". Below the search bar, there are four tabs: "Investigative actions" (highlighted with a red box), "Close out actions", "Corrective actions", and "Preventative actions". The "Investigative actions" tab is active, showing a table with the following data:

Action number	Action	Responsible stakeholder
1	Investigation Notes	PAT
2	Root cause	PAT
3	Cause category	PAT

The table also includes a "Resequence" button, a "Filter" input field, and a "Showing 3 item(s)" indicator at the bottom right.

Enhancements

Non-Conformance Reporting Setup



Define all actions that must be performed while investigating and correcting the Non-Conformance incident created when a deviation occurred against a Non-Conformance Standard

The screenshot shows a web browser window displaying the SYSPRO application. The browser's address bar shows the URL: localhost/UXTools/_SYSPRO_Fusion/Staging/TestHarnessReleaseBC.html. The application header includes the SYSPRO logo, navigation links for 'Home' and 'Non Conformance Standard Actions', a notification bell with a red '4', and a user profile for 'CYLMA'. Below the header, there is a search bar with the text 'Standard QUALITY' and a magnifying glass icon. The main content area is divided into four tabs: 'Investigative actions', 'Close out actions' (which is highlighted with a red box and a blue underline), 'Corrective actions', and 'Preventative actions'. Under the 'Close out actions' tab, there is a table with the following data:

Action number	Action	Responsible stakeholder
1	Welded brackets conform to pre-welded sample	CILLA
2	QA Engineer spot checked 5 random samples	CILLA
3	Welding machine was correctly calibrated	CILLA

At the bottom right of the table, it says 'Showing 3 item(s)'. The browser's developer tools are visible at the bottom of the window.



Enhancements

Non-Conformance Reporting Setup



Define all actions that must be performed while investigating and correcting the Non-Conformance incident created when a deviation occurred against a Non-Conformance Standard

The screenshot shows a web browser window displaying the SYSPRO application. The browser's address bar shows the URL: localhost/UXTools/_SYSPRO_Fusion/Staging/TestHarnessReleaseBC.html#. The page title is "Non Conformance Standard Actions". The breadcrumb navigation shows "Home > Non Conformance Standard Actions". The user is logged in as "CYLMA". The page content is organized into tabs: "Investigative actions", "Close out actions", "Corrective actions" (which is selected and highlighted with a red box), and "Preventative actions". Below the tabs, there is a table titled "Resequence" with a search filter and a "Filter" button. The table has three columns: "Action number", "Action", and "Responsible stakeholder".

Action number	Action	Responsible stakeholder
1	Calibrate welding machine	IAN
2	Jig bolts are fastened correctly	IAN
3	Replace broken welding tip	IAN

Showing 3 item(s)

Enhancements

Non-Conformance Reporting Setup



Define all actions that must be performed while investigating and correcting the Non-Conformance incident created when a deviation occurred against a Non-Conformance Standard

The screenshot shows a web browser window displaying the SYSPRO application. The page title is "Non Conformance Standard Actions". The breadcrumb navigation shows "Home > Non Conformance Standard Actions". The user is logged in as "CYLMA". The page has a search bar with "Standard QUALITY" and a settings icon. Below the navigation, there are four tabs: "Investigative actions", "Close out actions", "Corrective actions", and "Preventative actions". The "Preventative actions" tab is selected and highlighted with a red box. Below the tabs is a table with the following data:

Action number	Action	Responsible stakeholder
1	Spot welding machine to be calibrated monthly	CILLA
2	Bracket is fastened in the jig with no movement	CILLA
3	Check quality of tip before production starts	IAN

The table also includes a "Resequene" button, a "Filter" input field, and a "Showing 3 item(s)" indicator at the bottom right.

Enhancements

Creating a Non-Conformance Report



Overview of Non-Conformance Reports with associated actions that need to take place

localhost/UXTools/_SYSPRO_Fusion/Staging/TestHarnessReleaseBC.html#

SYSPRO Home > Non Conformance Report Maintenance Pat Webb

NCR Number 000000000000048

NCR number 000000000000048
Non Conformance Report Number

Title Inconsistent welded spots on bracket

Initiator SYSPRO Administrator
Person that performed the activity that created the deviation.

Standard QUALITY
Quality Control

Responsible department PRO
Production

Owner Pat Webb

Severity level Critical

Type MACH
Welding Machine Malfunction

Status Not started

Activity status [View](#)

[Report associations](#)

Dates

Creation date 28/10/2015

Creation time 12:53 PM

Start date 28/10/2015

Start time 12:57 PM

Expected due date 28/10/2015

Expected due time 14:53 PM

End date Enter date

End time

Activity areas

Close out report required Yes

Corrective actions required Yes

Preventative actions required Yes

Audit required Yes

Report details

Report description

Potential causes

Impact

Potential impacts this non-conformance will cause.

Priority 6

Manager Cilla White

Stakeholder information [View](#)

Complete

Investigation details

Investigation notes Welding department deviation

Root cause Spot welding inconsistencies

Cause category TIP

Cause category description Spot welding tip of machine damaged

Investigate Root Cause
Close Out
Corrective Actions
Preventative Actions
Audit

	Action number	Action	Assigned to	Started	Status	Due date	Due time	Completed	Narration	Audit status
	1	Investigation Notes	Pat Webb	<input checked="" type="checkbox"/>	In progress	None		<input type="checkbox"/>		Not defined
	2	Root cause	Pat Webb	<input checked="" type="checkbox"/>	In progress	None		<input type="checkbox"/>		Not defined
	3	Cause category	Pat Webb	<input checked="" type="checkbox"/>	In progress	None		<input type="checkbox"/>		Not defined



SYSPRO 2025



Planned Enhancements

A sneak peek of some new and enhanced features to look forward to:

Cloud Connector
Gateway

Payment Gateway

Company Clone

SOI 64 Bit

AI Document Services
– PO to Sales Order

Non-Conformance –
Rules Engine

WIP Expiry Date
Options – Lots &
Serials

Product Catalogue -
TPM

GL Journals – Prior
Year Posting

Financial Dimension -
Budgeting

BAQ Custom Pane
Lists Views

Structured GL (Web
UI)



Manufacturing Operations Management



Introducing the next generation SYSPRO MOM

A sneak peek of some new and enhanced features to look forward to:

Mobile First Platform
Technology Stack

Cloud first Advanced
Planning and
Scheduling

Multisite with
Worldview

Multi Plan and Planner

Extended Master Data
and Integrated
Materials Management

Work Centre Affinity

Improved Capacity
Management

Setup and Changeover
Minimization

Skillsets and
Certification

Employee Based
Scheduling

Shop Floor Document
Management

Capable to Promise





Welcome to the
SYSPRO Development Hub
Build, Integrate, Innovate with SYSPRO



Transform ideas into solutions

Build and integrate on SYSPRO for next-level Innovation

Your gateway to mastering the SYSPRO ecosystem. Tailored for ISV and sales partners, as well as citizen developers, our platform offers a rich blend of resources, from comprehensive documentation to interactive tutorials. Engage with a community dedicated to innovation, access the latest tools, and best practices, and embark on a journey of building, integrating, and innovating cutting-edge business solutions with SYSPRO.

Latest Developer News

Comprehensive documentation

Ideal for both newcomers and seasoned developers, this section provides you with all the information you need to effectively utilize the SYSPRO platform.

Explore our APIs

Whether you're building, integrating, or innovating, our APIs are designed to streamline your projects and connect your systems with the SYSPRO ecosystem.

Engage with our community of developers

Share ideas, get advice, and collaborate in our forums. It's the perfect place to learn, contribute, and grow together with peers in the SYSPRO ecosystem.

What's on the platform?

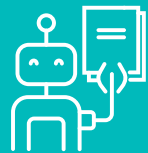


How to **connect** to SYSPRO, with API details and samples.



How to **build** solutions using SYSPRO Application Designer.

Applications
Connections
Data Connections
Reports



Documentation to support citizen development in SYSPRO.



Tutorials explaining how to create solutions in SYSPRO.



Link out to the developer **forums**.

Thank you

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