



South African Weather Service

**Manufacturing
Training Manual**

Document Review and Distribution

Document location

Revision history

Version	Author	Date	Revision	Email address
1.0	Sipho Banda	22/07/2019	Final	

Document review

This document is deemed official only if the reviewers have signed below

Reviewer Name	Signature	Role	Date

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Version	Name	Date	Email Address



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1 INTRODUCTION

1.1 Document Purpose

The purpose of this training document is to provide steps on how to enter/maintain Assembly Items and process work order transactions on the NetSuite system.

1.2 Scope

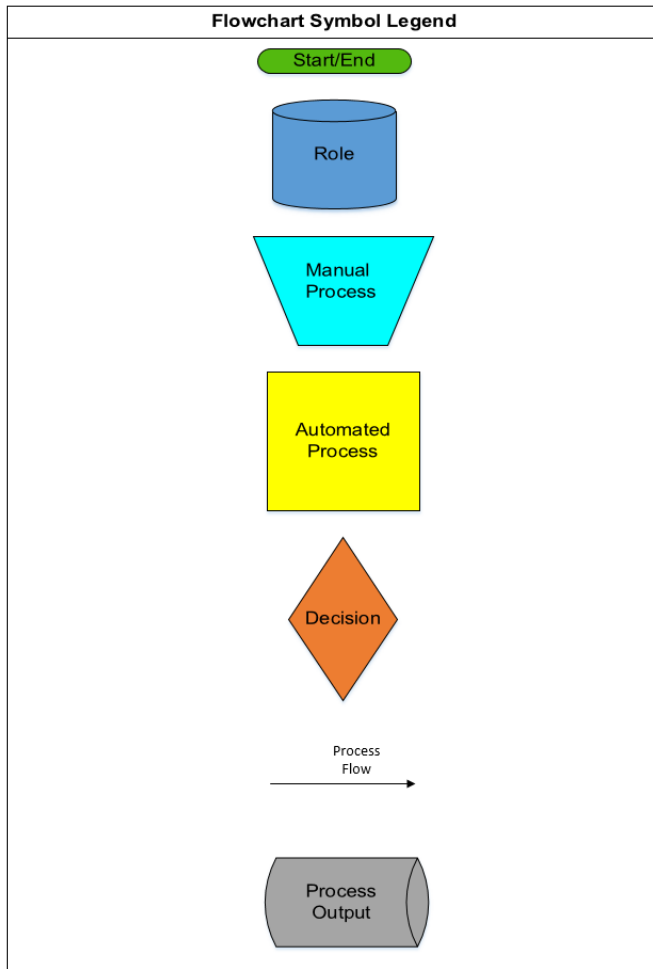
The focus of the training will be on the below functions in NetSuite:

- Assembly Items
- Assemblies and Work Orders – Work Orders
- Time Entry
- Reports

1.3 Process Flow

Flowchart Legends

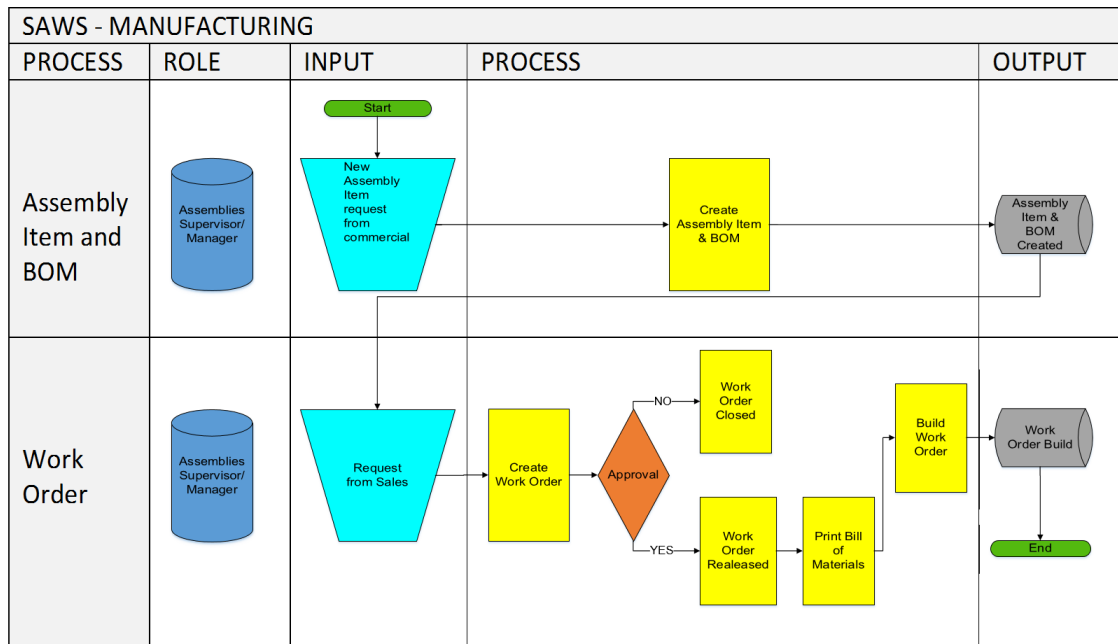
The following are the flowchart symbol legends:





Manufacturing Process

The following figure shows the Manufacturing Process Flow:



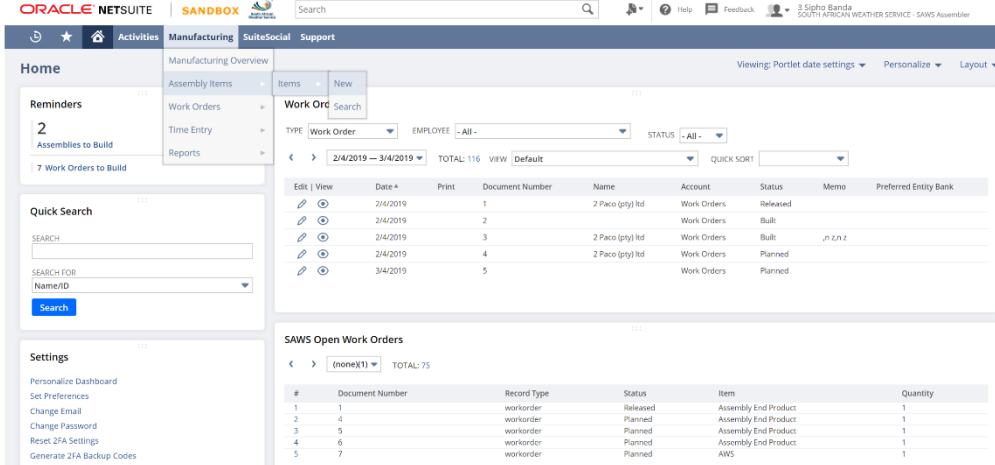
2 MANUFACTURING

2.1 Assembly Items

In NetSuite, an assembly item (parent item) is a single inventory item produced from one or several members (components). Note that the Bill of Material structure that defines the association between the parent (Assembled item) and the component/s (member/s) items are contained within NetSuite Assembly Item records. You create assembly item records to define the members of an assembly, and then NetSuite enables you to track both the raw materials and the assembled items separately.

To create a new Assembly Item:

- Go to Manufacturing > Assembly Items > New.



The screenshot shows the NetSuite Manufacturing interface. The main area displays a list of Work Orders for the period 2/4/2019 to 3/4/2019. The table below shows the details of the 'SAWS Open Work Orders'.

#	Document Number	Record Type	Status	Item	Quantity
1	1	workorder	Released	Assembly End Product	1
2	4	workorder	Planned	Assembly End Product	1
3	5	workorder	Planned	Assembly End Product	1
4	6	workorder	Planned	Assembly End Product	1
5	7	workorder	Planned	AWS	1

- Enter the preferred location e.g. SAWS : Gauteng : Irene : Commercial

ORACLE NETSUITE | SANDBOX | Search

Activities Manufacturing SuiteSocial Support

Locations • Components • Vendors

PREFERRED LOCATION
SAWS : Gauteng : Irene : Commercial

LOCATION	QUANTITY ON HAND	SERIAL NUMBERS	BUILD POINT	PREFERRED STOCK LEVEL	LOT SIZING METHOD	FIXED LOT SIZE	PERIODS OF SUPPLY	PERIODS OF SUPPLY INCREMENT	SUPPLY TYPE	DEMAND SOURCE	BACKWARD CONSUMPTION DAYS
Mountainair									Build		
SAWS									Build		
SAWS : Blumentrein									Build		
SAWS : Blumentrein /ZARIE									Build		
SAWS : Cape Town									Build		
SAWS : Durban									Build		
SAWS : Gauteng									Build		

- Add the Items

ORACLE NETSUITE | SANDBOX | Search

Activities Manufacturing SuiteSocial Support

Inventory Management

per EA

DEFAULT ATP METHOD *
Cumulative ATP With Look Ahead

REFRESHMENT METHOD

Reorder Point

ALTERNATE SOURCE ITEM

PREFERRED STOCK LEVEL AUTO-CALCULATE

REORDER MULTIPLE

SPECIAL WORK ORDER ITEM

COST CATEGORY *
Default Cost Category

MARK SUB-ASSEMBLIES PHANTOM

PHANTOM

REORDER POINT AUTO-CALCULATE

LEAD TIME

WORK ORDER LEAD TIME

SAFETY STOCK LEVEL

SEASONAL DEMAND

EXPECTED DEMAND CHANGE

TRANSFER PRICE

EFFECTIVE BOM CONTROL *

Effective Date

ROUND UP QUANTITY AS COMPONENT

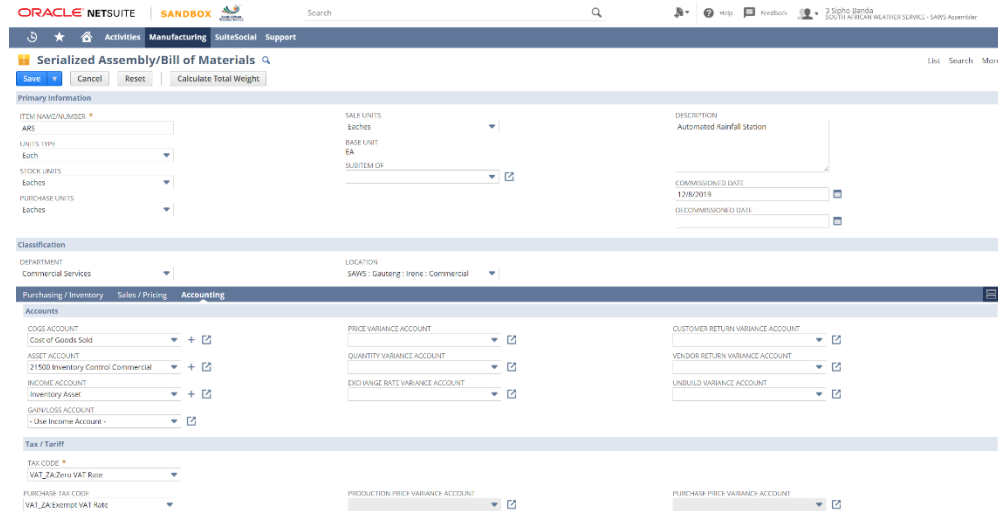
Locations • Components • Vendors

DISPLAY COMPONENTS ON TRANSACTIONS

USE COMPONENT YIELD

ITEM *	DESCRIPTION	COMPONENT YIELD	BOM QUANTITY	ITEM SOURCE	QUANTITY *	UNITS	VAT CODE	VAT RATE	EFFECTIVE DATE	OBSOLETE DATE
Enclosure for ARS Control Unit				Stock	1	EA	Zero VAT Rate	0.0%		
Tipping bucket Rain Gauge				Stock	1	EA	Zero VAT Rate	0.0%		

- Add the Accounts below



The screenshot shows the 'Serialized Assembly/Bill of Materials' form in Oracle NetSuite. The item is 'ARS' (Automated Rainfall Station). The 'Accounts' section is expanded, showing a grid of account selection options. The accounts listed are:

Account Name	Selected
COGS ACCOUNT	<input type="checkbox"/>
Cost of Goods Sold	<input checked="" type="checkbox"/>
ASSET ACCOUNT	<input type="checkbox"/>
21500 Inventory Control Commercial	<input checked="" type="checkbox"/>
INCOME ACCOUNT	<input type="checkbox"/>
Inventory Asset	<input checked="" type="checkbox"/>
GAIN/LOSS ACCOUNT	<input type="checkbox"/>
-Use Income Account	<input checked="" type="checkbox"/>
Tax / Tariff	
TAX CODE	
VAT_ZA2em VAT Rate	<input checked="" type="checkbox"/>
PURCHASE TAX CODE	
VAT_ZA-Exempt VAT Rate	<input checked="" type="checkbox"/>
PRICE VARIANCE ACCOUNT	<input checked="" type="checkbox"/>
QUANTITY VARIANCE ACCOUNT	<input checked="" type="checkbox"/>
EXCHANGE RATE VARIANCE ACCOUNT	<input checked="" type="checkbox"/>
CUSTOMER RETURN VARIANCE ACCOUNT	<input type="checkbox"/>
VENDOR RETURN VARIANCE ACCOUNT	<input type="checkbox"/>
UNBUILT VARIANCE ACCOUNT	<input type="checkbox"/>
PRODUCTION PRICE VARIANCE ACCOUNT	<input checked="" type="checkbox"/>
PURCHASE PRICE VARIANCE ACCOUNT	<input checked="" type="checkbox"/>

- Click the Save button.

2.2 Work Orders

In NetSuite, Assembly work orders are requests to complete a given quantity of a specific item. With Work Orders NetSuite track the production of assembly items needed for stock or to fill demands. It tracks member components issued during the assembly process and quantities of the parent item built.

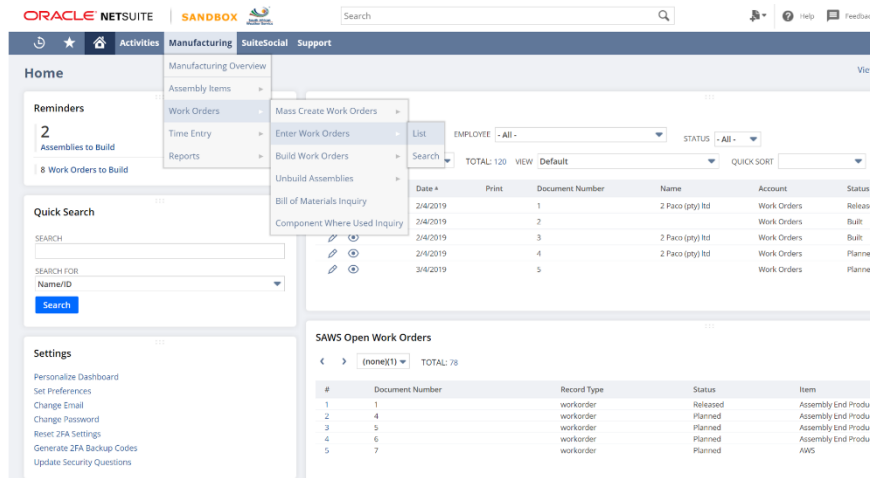
There are two types of Work Orders supported in NetSuite: Special Order Work Orders and Production Work Orders. Special Work Orders Special order work orders track assemblies to be built for a particular sale. The work order can be linked to the originating sale. When assembly items are sold and the finished goods are not in stock but the member items are, a work order is automatically added to the work order creation queue. Based on the amount of finished product needed for the order, member items are committed to the work order to build the finished assemblies.

Production work orders track assemblies that need to be built to increase stock and are not intended for a particular sale. Production work orders are not linked to a sales order and have no customer assignment.

2.2.1 Create Work Orders

To create a Work Order:

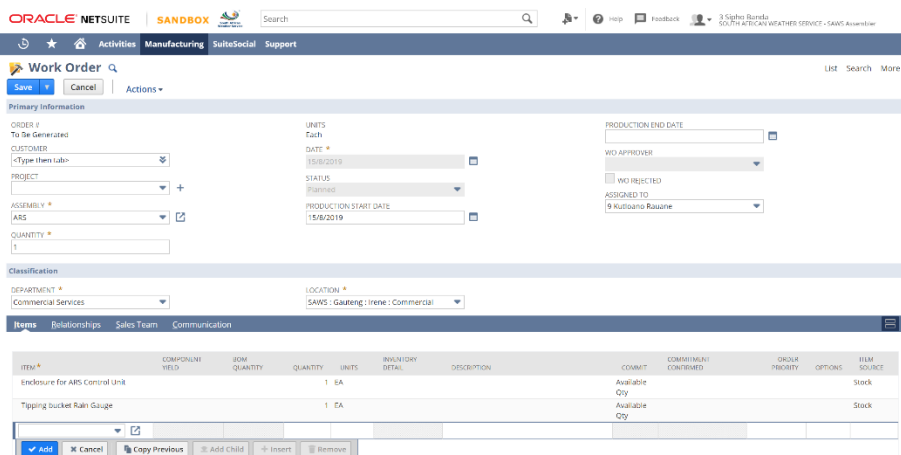
- Go to Manufacturing > Enter Work Orders.



The screenshot shows the Oracle NetSuite Manufacturing Overview page. The 'Enter Work Orders' menu item is highlighted, and a list of work orders is displayed below it. The list includes columns for Date, Print, Document Number, Name, Account, and Status.

Date	Print	Document Number	Name	Account	Status
2/4/2019		1	2 Pico (pty) Ltd	Work Orders	Released
2/4/2019		2	2 Pico (pty) Ltd	Work Orders	Built
2/4/2019		3	2 Pico (pty) Ltd	Work Orders	Built
2/4/2019		4	2 Pico (pty) Ltd	Work Orders	Planned
3/4/2019		5	2 Pico (pty) Ltd	Work Orders	Planned

- Enter values for the following
 - Assembly e.g. **ARS**.
 - Quantity e.g. **1**.
 - Assigned To e.g. **Kutloano Rauane**.



The screenshot shows the Oracle NetSuite Work Order form. The form is filled out with values for Customer, Date, Status, Production Start Date, and Assigned To.

Primary Information

ORDER # To Be Generated: CUSTOMER: <Type Item Lab>, PROJECT: ASSEMBLY: ARS, QUANTITY: 1

UNITS: Each, DATE: 15/8/2019, STATUS: Planned, PRODUCTION START DATE: 15/8/2019

PRODUCTION END DATE: [Empty], W/O APPROVER: [Empty], W/O REJECTED: [Empty], ASSIGNED TO: 9 Kutloano Rauane

Classification

DEPARTMENT: Commercial Services, LOCATION: SAWS : Gauteng : Irene : Commercial

Items

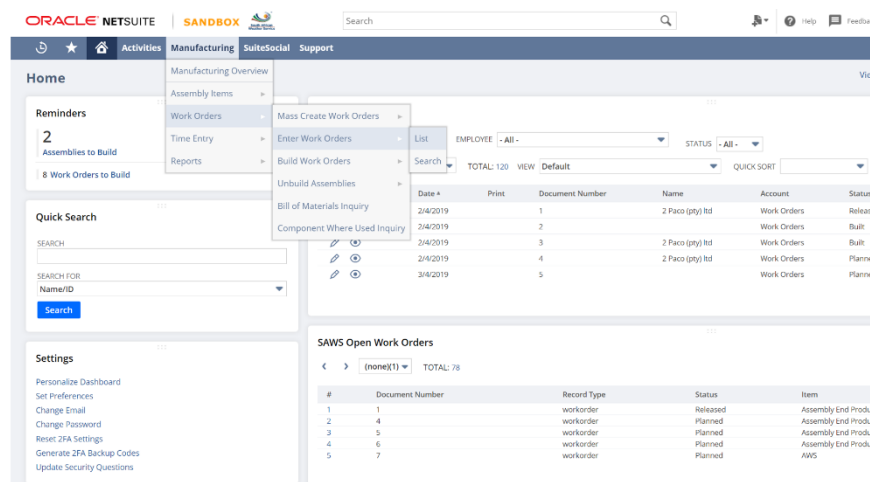
ITEM #	COMPONENT YIELD	BOM QUANTITY	QUANTITY	UNITS	INVENTORY DETAIL	DESCRIPTION	COMMIT	COMMITMENT	ORIG. PRIORITY	OPTIONS	FIRM SOURCE
			1	EA		Enclosure for ARS Control Unit	Available Qty				Stock
			1	EA		Tipping bucket Rain Gauge	Available Qty				Stock

- Click the Save button.

2.2.2 Approve Work Orders

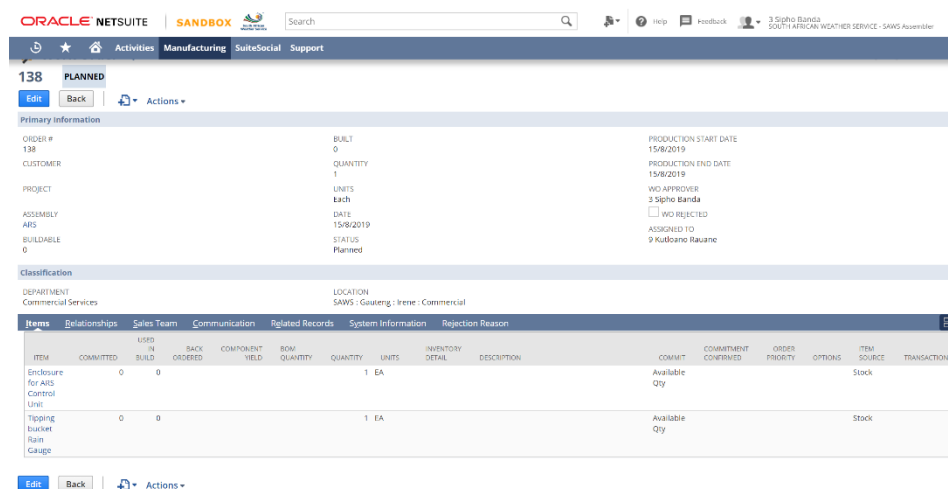
To approve a Work Order:

- Go to Manufacturing > Work Orders > List.



The screenshot shows the Oracle NetSuite interface for the Manufacturing Work Orders List. The top navigation bar includes 'ORACLE NETSUITE', 'SANDBOX', and a search bar. The main menu shows 'Manufacturing' selected, with a dropdown menu open for 'Work Orders' containing options like 'Mass Create Work Orders', 'Enter Work Orders', 'List', 'Build Work Orders', 'Unbuild Assemblies', 'Bill of Materials Inquiry', and 'Component Where Used Inquiry'. The 'List' option is selected, displaying a table of work orders with columns for Date, Print, Document Number, Name, Account, and Status. Below this, there is a 'SAWS Open Work Orders' section with a table showing details for work orders 1 through 5, including Document Number, Record Type, Status, and Item.

- Click the edit on Work Order number 138



The screenshot shows the Oracle NetSuite interface for the details of Work Order 138. The page title is '138 PLANNED'. Below the title are buttons for 'Edit', 'Back', and 'Actions'. The 'Primary Information' section includes fields for ORDER # (138), CUSTOMER (1), PROJECT (1), ASSEMBLY (AR5), and BUILDABLE (0). The 'Classification' section shows DEPARTMENT (Commercial Services) and LOCATION (SAWS - Gauteng: Irene - Commercial). The 'Items' section is expanded, showing a table with columns for ITEM, COMMITTED, USED IN BUILD, BACK ORDERED, COMPONENT YIELD, BOM QUANTITY, QUANTITY, UNITS, INVENTORY DETAIL, DESCRIPTION, COMMIT, QUANTITY CONFIRMED, ORDER PRIORITY, OPTIONS, ITEM SOURCE, and TRANSACTION. Two items are listed: 'Enclosure for AIS Control Unit' and 'Tipping bucket Rain Gauge'.

- Change the Status to Released then save the work order.

ORACLE NETSUITE | SANDBOX | Search

Activities Manufacturing SuiteSocial Support

Work Order 138 **PLANNED**

Save Cancel Actions

Primary Information

ORDER # 138	UNITS Each	PRODUCTION END DATE 15/8/2019
CUSTOMER <Type then tab>	DATE 15/8/2019	WO APPROVER 3 Siphso Banda
PROJECT	STATUS Released	<input type="checkbox"/> WO REJECTED
ASSEMBLY ARS	PRODUCTION START DATE 15/8/2019	ASSIGNED TO 9 Kuboano Rawane
QUANTITY 1		

Classification

DEPARTMENT Commercial Services	LOCATION SAWS : Gauteng : Irene : Commercial
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Items Relationships Sales Team Communication Related Records System Information Rejection Reason

ITEM #	COMMITTED	USED IN BUILD	BACK ORDERED	COMPONENT YIELD	DOM QUANTITY	QUANTITY	UNITS	INVENTORY DETAIL	DESCRIPTION	COMMIT	COMMITMENT CONFIRMED	ORDER PRIORITY	OPTIONS	ITEM SOURCE
Enclosure for ARS Control Unit	0	0				1	EA			Available Qty				Stock
Tipping bucket Rain Gauge	0	0				1	EA			Available Qty				Stock

2.2.3 Reject Work Orders

To reject a Work Order:

- Click the Reject WO button on the work order.

ORACLE NETSUITE | SANDBOX | Search

Activities Manufacturing SuiteSocial Support

Work Order 139 **PLANNED**

Edit Back Reject WO Actions

Primary Information

ORDER # 139	BUILT 0	PRODUCTION START DATE 15/8/2019
CUSTOMER	QUANTITY 1	PRODUCTION END DATE 15/8/2019
PROJECT	UNITS Each	WO APPROVER 3 Siphso Banda
ASSEMBLY ARS	DATE 15/8/2019	<input type="checkbox"/> WO REJECTED
BUILDABLE 0	STATUS Planned	ASSIGNED TO 6 Kgotlhatso Moya

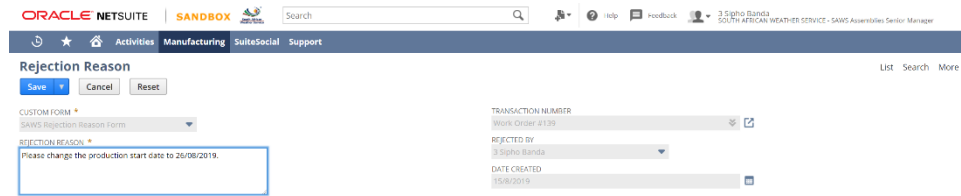
Classification

DEPARTMENT Commercial Services	LOCATION SAWS : Gauteng : Irene : Commercial
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Items Relationships Sales Team Communication Related Records System Information Rejection Reason

ITEM	COMMITTED	USED IN BUILD	BACK ORDERED	COMPONENT YIELD	DOM QUANTITY	QUANTITY	UNITS	INVENTORY DETAIL	DESCRIPTION	COMMIT	COMMITMENT CONFIRMED	ORDER PRIORITY	OPTIONS	ITEM SOURCE	TRANSACTION
Enclosure for ARS Control Unit	0	0				1	EA			Available Qty				Stock	
Tipping bucket Rain Gauge	0	0				1	EA			Available Qty				Stock	

- Enter the Rejection Reason e.g. **Please change the production start date to 26/08/2019**. Then click the Save button.



ORACLE NETSUITE | SANDBOX | Search

Activities Manufacturing SuiteSocial Support

Rejection Reason List Search More

Save Cancel Reset

CUSTOM FORM *
SAWS Rejection Reason Form

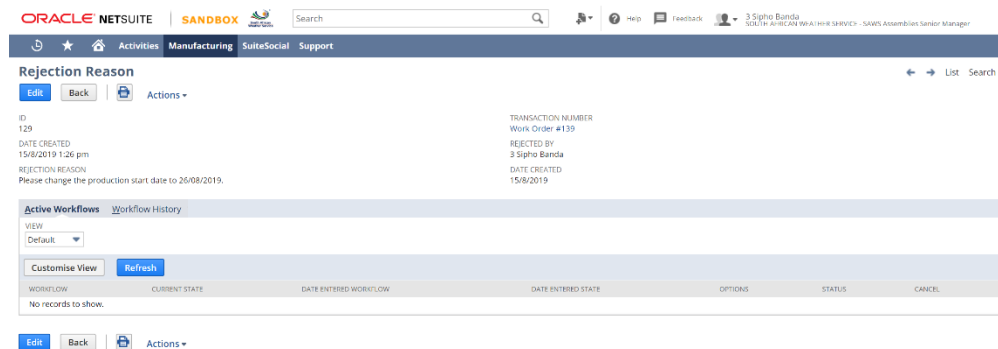
REJECTION REASON *
Please change the production start date to 26/08/2019.

TRANSACTION NUMBER
Work Order #139

REJECTED BY
3 Siphso Banda

DATE CREATED
15/8/2019

- Click the **Work Order #139** link to go back to the Work Order.



ORACLE NETSUITE | SANDBOX | Search

Activities Manufacturing SuiteSocial Support

Rejection Reason List Search

Edit Back Actions

ID
129

DATE CREATED
15/8/2019 1:26 pm

REJECTION REASON
Please change the production start date to 26/08/2019.

TRANSACTION NUMBER
Work Order #139

REJECTED BY
3 Siphso Banda

DATE CREATED
15/8/2019

Active Workflows Workflow History

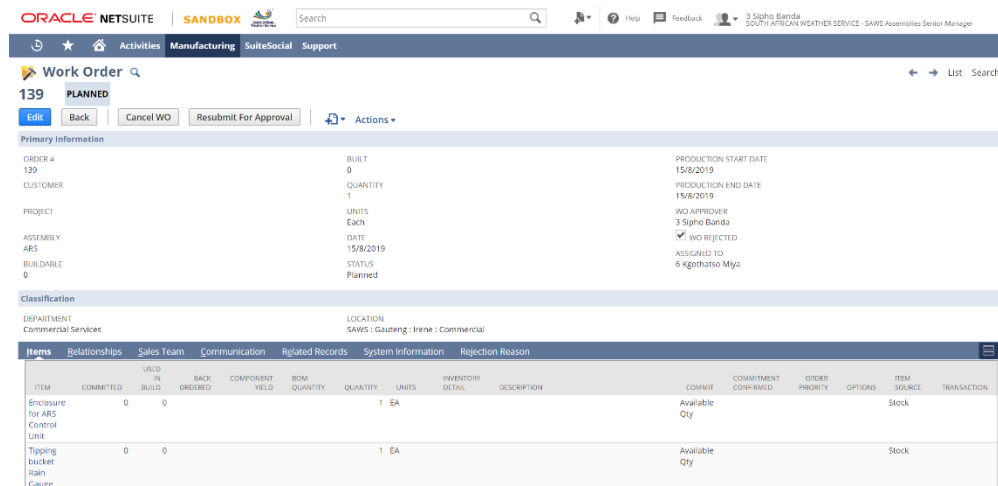
VIEW
Default

Customise View Refresh

WORKFLOW	CURRENT STATE	DATE ENTERED WORKFLOW	DATE ENTERED STATE	OPTIONS	STATUS	CANCEL
No records to show.						

Edit Back Actions

- The Work Order has been rejected, the WO Rejected check box is checked.



ORACLE NETSUITE | SANDBOX | Search

Activities Manufacturing SuiteSocial Support

Work Order #139 PLANNED List Search

Edit Back Cancel WO Resubmit For Approval Actions

Primary Information

ORDER #	139	BUILT	0	PRODUCTION START DATE	15/8/2019
CUSTOMER		QUANTITY	1	PRODUCTION END DATE	15/8/2019
PROJECT		UNITS	Each	WO APPROVER	3 Siphso Banda
ASSEMBLY	ARS	DATE	15/8/2019	<input checked="" type="checkbox"/> WO REJECTED	
BUILDABLE	0	STATUS	Planned	ASSIGNED TO	6-kgothato-Mya

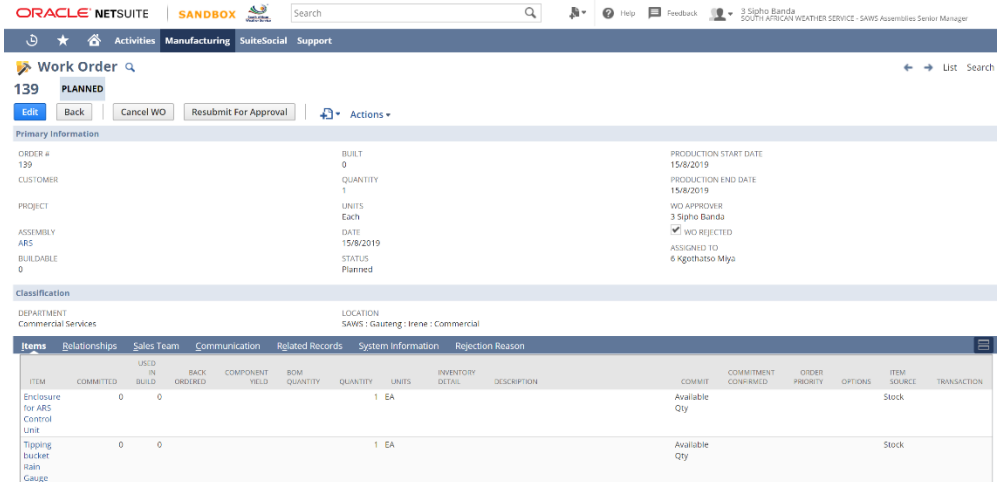
Classification

DEPARTMENT
Commercial Services

LOCATION
SAWS : Gauteng : Irene : Commercial

ITEM	COMMITTED	USED IN BUILD	BACK ORDERED	COMPONENT YIELD	BOM QUANTITY	QUANTITY	UNITS	INVENTORY DETAIL	DESCRIPTION	COMMIT	COMMITMENT CONFIRMED	CHECKER	PRIORITY	OPTIONS	ITEM SOURCE	TRANSACTION
Enclosure for ARS Control Unit	0	0					1 EA			Available Qty					Stock	
Tipping bucket from Gauge	0	0					1 EA			Available Qty					Stock	

- Click the edit button to change the production start date.



ORACLE NETSUITE | SANDBOX | Search | 3 Siphho Banda SOUTH AFRICAN WEATHER SERVICE - SAWS Assemblies Senior Manager

Activities Manufacturing SuiteSocial Support

Work Order 139 **PLANNED** List Search

Buttons: Edit, Back, Cancel WO, Resubmit For Approval, Actions

Primary Information

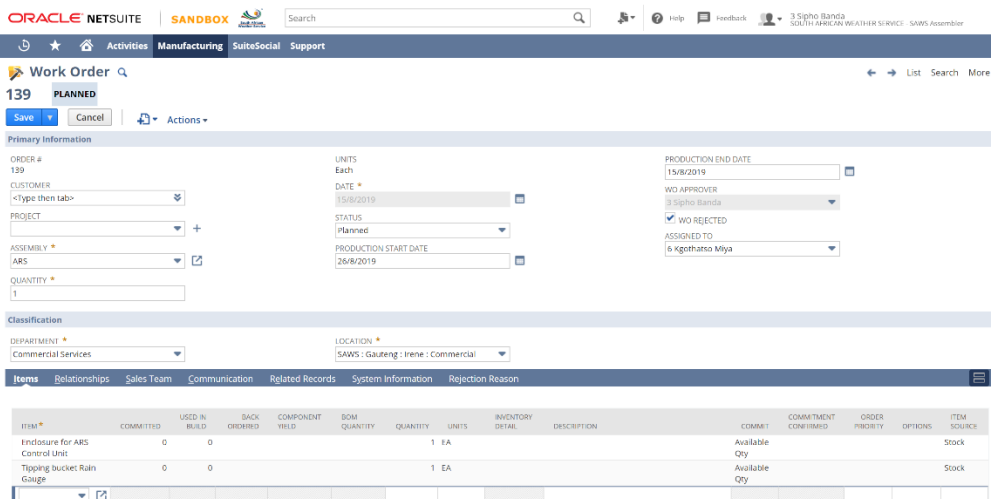
ORDER #	BUILT	PRODUCTION START DATE
139	0	15/8/2019
CUSTOMER	QUANTITY	PRODUCTION END DATE
	1	15/8/2019
PROJECT	UNITS	WO APPROVER
	Each	3 Siphho Banda
ASSEMBLY	DATE	<input checked="" type="checkbox"/> WO REJECTED
ARS	15/8/2019	ASSIGNED TO
BUILDABLE	STATUS	6 kgothatso Mya
0	Planned	

Classification

DEPARTMENT: Commercial Services | LOCATION: SAWS : Gauteng : Irene : Commercial

ITEM	COMMITTED	USED IN BUILD	BACK ORDERED	COMPONENT YIELD	BOM QUANTITY	QUANTITY	UNITS	INVENTORY DETAIL	DESCRIPTION	COMMIT	COMMITMENT CONFIRMED	ORDER PRIORITY	OPTIONS	ITEM SOURCE	TRANSACTION
Enclosure for ARS Control Unit	0	0				1	EA			Available Qty				Stock	
Tipping bucket Rain Gauge	0	0				1	EA			Available Qty				Stock	

- Change the date to 26/08/2019 then Save the work order.



ORACLE NETSUITE | SANDBOX | Search | 3 Siphho Banda SOUTH AFRICAN WEATHER SERVICE - SAWS Assembler

Activities Manufacturing SuiteSocial Support

Work Order 139 **PLANNED** List Search More

Buttons: Save, Cancel, Actions

Primary Information

ORDER #	UNITS	PRODUCTION END DATE
139	Each	15/8/2019
CUSTOMER	DATE *	WO APPROVER
<Type then tab>	15/8/2019	3 Siphho Banda
PROJECT	STATUS	<input checked="" type="checkbox"/> WO REJECTED
	Planned	ASSIGNED TO
ASSEMBLY *	PRODUCTION START DATE	6 kgothatso Mya
ARS	26/8/2019	
QUANTITY *		
1		

Classification

DEPARTMENT: Commercial Services | LOCATION: SAWS : Gauteng : Irene : Commercial

ITEM *	COMMITTED	USED IN BUILD	BACK ORDERED	COMPONENT YIELD	BOM QUANTITY	QUANTITY	UNITS	INVENTORY DETAIL	DESCRIPTION	COMMIT	COMMITMENT CONFIRMED	ORDER PRIORITY	OPTIONS	ITEM SOURCE
Enclosure for ARS Control Unit	0	0				1	EA			Available Qty				Stock
Tipping bucket Rain Gauge	0	0				1	EA			Available Qty				Stock

- Click the Resubmit for Approval button to submit the work order for approval.

ORACLE NETSUITE | SANDBOX | Search

Activities Manufacturing SuiteSocial Support

Confirmation
Transaction successfully Saved

Work Order 139 **PLANNED** List Search

[Edit](#)
[Back](#)
[Cancel WO](#)
[Resubmit For Approval](#)
[Actions](#)

Primary Information

ORDER #	139	BUILT	0	PRODUCTION START DATE	26/6/2019
CUSTOMER		QUANTITY	1	PRODUCTION END DATE	15/8/2019
PROJECT		UNITS	Each	WO APPROVER	3 Siphso Banda
ASSEMBLY	ARS	DATE	15/8/2019	<input checked="" type="checkbox"/> WO REJECTED	
BUILDABLE	0	STATUS	Planned	ASSIGNED TO	6 Kgohatso Mya

Classification

DEPARTMENT: Commercial Services
LOCATION: SAWS : Gauteng : Irene : Commercial

Items Relationships Sales Team Communication Related Records System Information Rejection Reason

ITEM	COMMITTED	USED IN BUILD	BACK ORDER	COMPONENT YIELD	BOM QUANTITY	QUANTITY	UNITS	INVENTORY DETAIL	DESCRIPTION	COMMIT	COMMITMENT CONFIRMED	ORDER PRIORITY	OPTIONS	ITEM SOURCE	TRANSACTION
Enclosure for ARS Control Unit	0	0				1	EA			Available Qty				Stock	
Tipping bucket	0	0				1	EA			Available Qty				Stock	

- The Work Order has been submitted for approval.

ORACLE NETSUITE | SANDBOX | Search

Activities Manufacturing SuiteSocial Support

Work Order 139 **PLANNED** List Search

[Edit](#)
[Back](#)
[Actions](#)

Primary Information

ORDER #	139	BUILT	0	PRODUCTION START DATE	26/6/2019
CUSTOMER		QUANTITY	1	PRODUCTION END DATE	15/8/2019
PROJECT		UNITS	Each	WO APPROVER	3 Siphso Banda
ASSEMBLY	ARS	DATE	15/8/2019	<input type="checkbox"/> WO REJECTED	
BUILDABLE	0	STATUS	Planned	ASSIGNED TO	6 Kgohatso Mya

Classification

DEPARTMENT: Commercial Services
LOCATION: SAWS : Gauteng : Irene : Commercial

Items Relationships Sales Team Communication Related Records System Information Rejection Reason

ITEM	COMMITTED	USED IN BUILD	BACK ORDER	COMPONENT YIELD	BOM QUANTITY	QUANTITY	UNITS	INVENTORY DETAIL	DESCRIPTION	COMMIT	COMMITMENT CONFIRMED	ORDER PRIORITY	OPTIONS	ITEM SOURCE	TRANSACTION
Enclosure for ARS Control Unit	0	0				1	EA			Available Qty				Stock	
Tipping bucket Rain Gauge	0	0				1	EA			Available Qty				Stock	

2.2.4 Print Bill of Material

- Click Print BOM to print the bill of material.

ORACLE NETSUITE | SANDBOX | Search

Activities Manufacturing SuiteSocial Support

Work Order 138 **RELEASED** List Search

Edit Back Create Build Close Print BOM Actions

Primary Information

ORDER #	138	BUILT	0	PRODUCTION START DATE	15/8/2019
CUSTOMER		QUANTITY	1	PRODUCTION END DATE	15/8/2019
PROJECT		UNITS	Each	WO APPROVER	3 Sipho Banda
ASSEMBLY	ARS	DATE	15/8/2019	<input type="checkbox"/> WO REJECTED	
BUILDABLE	1	STATUS	Released	ASSIGNED TO	9 Kutiano Rauane

Classification

DEPARTMENT	Commercial Services	LOCATION	SAWS : Gauteng : Irene : Commercial
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Items Relationships Sales Team Communication Related Records System Information Rejection Reason

ITEM	COMMITTED	USED IN BUILD	BACK ORDERED	COMPONENT YIELD	BOM QUANTITY	QUANTITY	UNITS	INVENTORY DETAIL	DESCRIPTION	COMMIT	COMMITMENT CONFIRMED	ORDER PRIORITY	OPTIONS	ITEM SOURCE	TRANSACTION
Enclosure for ARS Control Unit	1	0	0			1	EA			Available Qty				Stock	
Tipping bucket Rain Gauge	1	0	0			1	EA			Available Qty				Stock	

- This is the output of the BOM

Bill of Materials

#138

15/8/2019

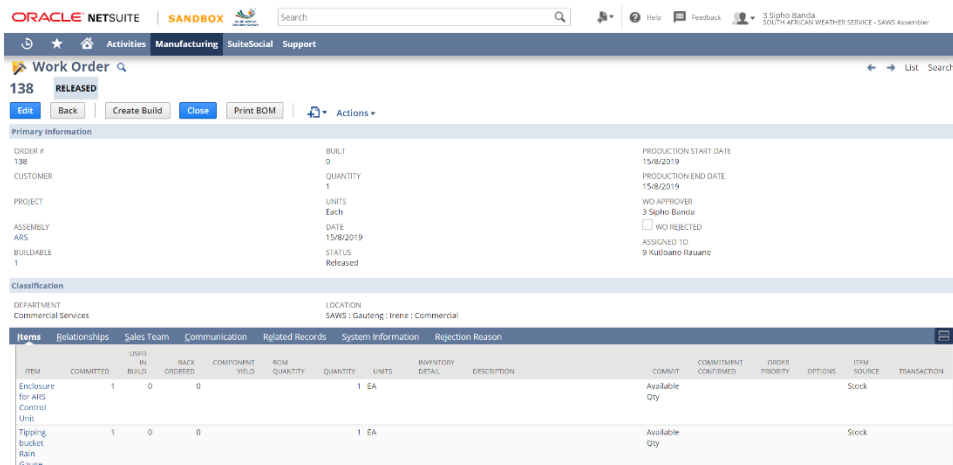
Customer	Assembly	Qty. Required	Revision	Units
	ARS	1		Each

Qty. Required	Item	Options	Inventory Detail
1	Enclosure for ARS Control Unit		
1	Tipping bucket Rain Gauge		

Quantity	Item	Assembly Required
0	ARS	No
1	Enclosure for ARS Control Unit	No
1	Tipping bucket Rain Gauge	No

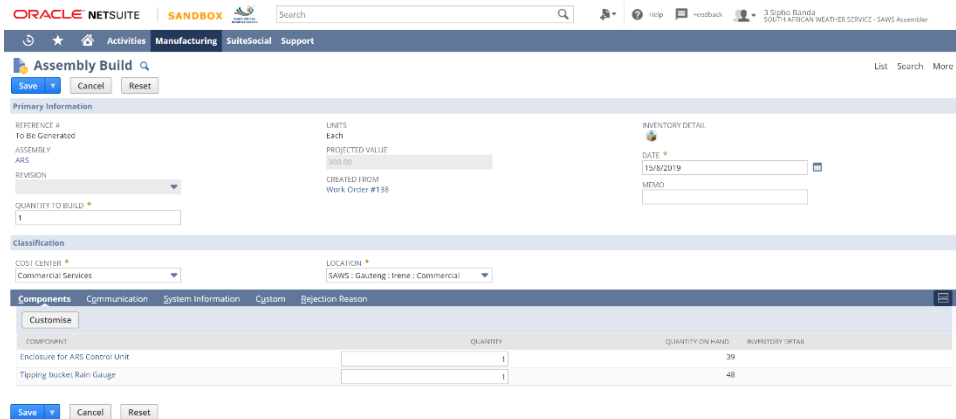
2.2.5 Build Work Orders

- Click Create Build to build the assembly.



The screenshot shows the Oracle NetSuite interface for a Work Order. The top navigation bar includes 'ORACLE NETSUITE', 'SANDBOX', and a search bar. The main header shows 'Work Order' with the number '138' and status 'RELEASED'. Below this are buttons for 'Edit', 'Back', 'Create Build', 'Close', and 'Print BOM'. The 'Primary Information' section displays details for Order # 138, Customer, Project, Assembly (ARS), and Buildable (1). The 'Classification' section shows Department (Commercial Services) and Location (SAWS : Gauteng : Irene : Commercial). The 'Items' table at the bottom lists components: 'Enclosure for ARS Control Unit' and 'Tipping bucket Rain Gauge', both with a quantity of 1 and status 'Available Qty'.

- Click the Inventory Detail option to enter serial numbers.



ORACLE NETSUITE | SANDBOX | Search

Assembly Build

Primary Information

REFERENCE # To Be Generated
ASSEMBLY ARS
REVISION
QUANTITY TO BUILD * 1

UNITS Each
PROJECTED VALUE
CREATED FROM Work Order #138

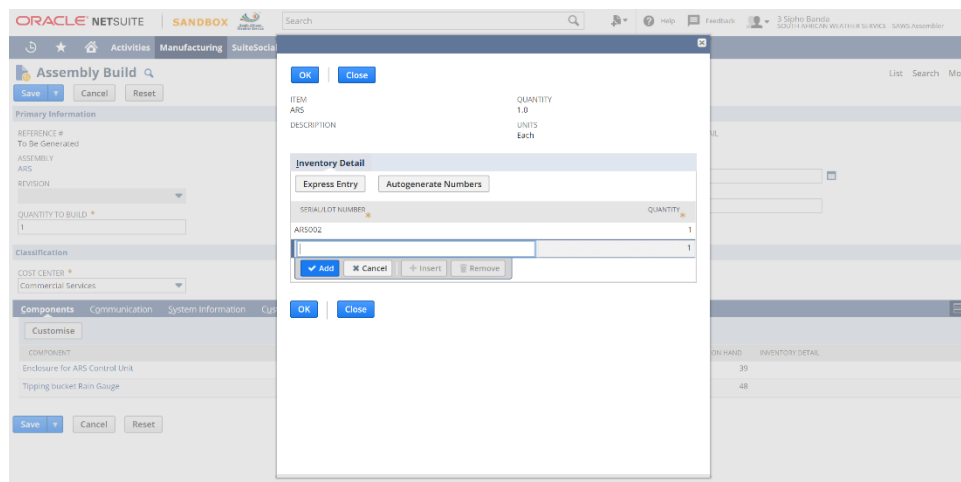
INVENTORY DETAIL
DATE * 15/6/2019
MEMO

Classification
COST CENTER * Commercial Services
LOCATION * SAWS - Gauteng - Irene - Commercial

Components
Component

COMPONENT	QUANTITY	QUANTITY ON HAND	INVENTORY DETAIL
Enclosure for ARS Control Unit	1	39	
Tipping bucket Rain Gauge	1	48	

- Enter the serial number as per below and click the OK button.



ORACLE NETSUITE | SANDBOX | Search

Assembly Build

Primary Information

REFERENCE # To Be Generated
ASSEMBLY ARS
REVISION
QUANTITY TO BUILD * 1

Classification
COST CENTER * Commercial Services

Components
Component

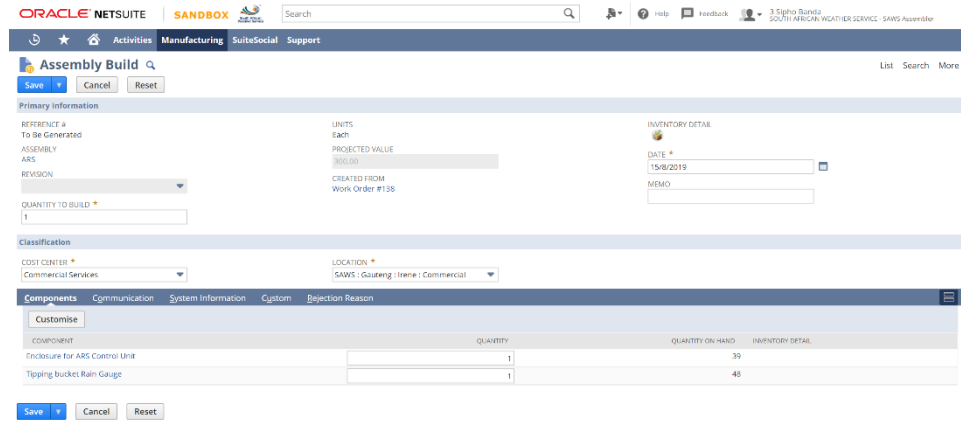
COMPONENT	QUANTITY	QUANTITY ON HAND	INVENTORY DETAIL
Enclosure for ARS Control Unit	1	39	
Tipping bucket Rain Gauge	1	48	

Inventory Detail

Express Entry Autogenerate Numbers

ITEM ARS	DESCRIPTION	QUANTITY	UNITS
ARS002		1	Each
		1	

- Click the Save button to save the build.



ORACLE NETSUITE | SANDBOX | Search | Help | Feedback | 3 Siphiso Banda SOUTH AFRICAN WEATHER SERVICE - SAWS Assembler

Activities Manufacturing SuiteSocial Support

Assembly Build | List Search More

Save Cancel Reset

Primary Information

REFERENCE # To Be Generated	UNITS Each	INVENTORY DETAIL
ASSEMBLY #	PROJECTED VALUE 300.00	DATE 15/08/2019
REVISION	CREATED FROM Work Order #138	MEMO
QUANTITY TO BUILD 1		

Classification

COST CENTER: Commercial Services | LOCATION: SAWS - Gauteng : Irene : Commercial

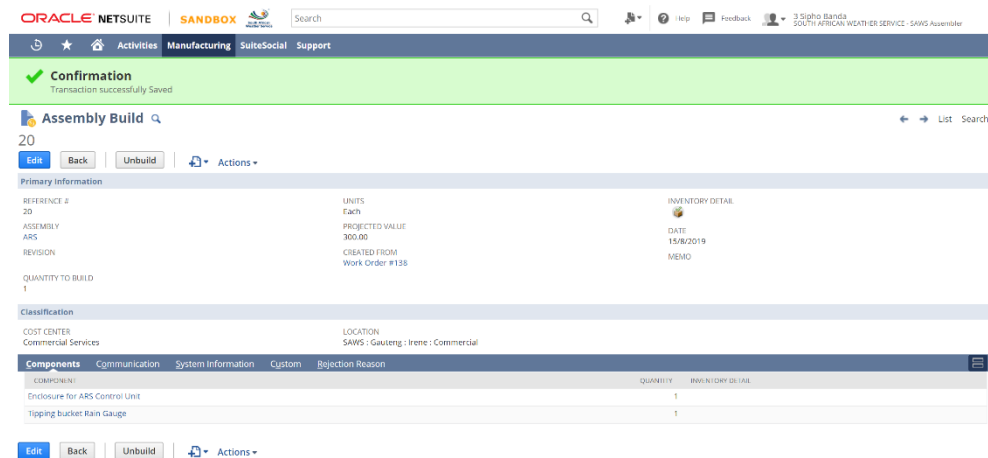
Components | Communication | System Information | Custom | Rejection Reason

Customise

COMPONENT	QUANTITY	QUANTITY ON HAND	INVENTORY DETAIL
Enclosure for ARS Control Unit	1	39	
Tipping bucket Rain Gauge	1	48	

Save Cancel Reset

- The Assembly has been built.



ORACLE NETSUITE | SANDBOX | Search | Help | Feedback | 3 Siphiso Banda SOUTH AFRICAN WEATHER SERVICE - SAWS Assembler

Activities Manufacturing SuiteSocial Support

Confirmation
Transaction successfully Saved

Assembly Build | List Search

20 | Edit Back Unbuild Actions

Primary Information

REFERENCE #	UNITS Each	INVENTORY DETAIL
ASSEMBLY #	PROJECTED VALUE 300.00	DATE 15/08/2019
REVISION	CREATED FROM Work Order #138	MEMO
QUANTITY TO BUILD 1		

Classification

COST CENTER: Commercial Services | LOCATION: SAWS - Gauteng : Irene : Commercial

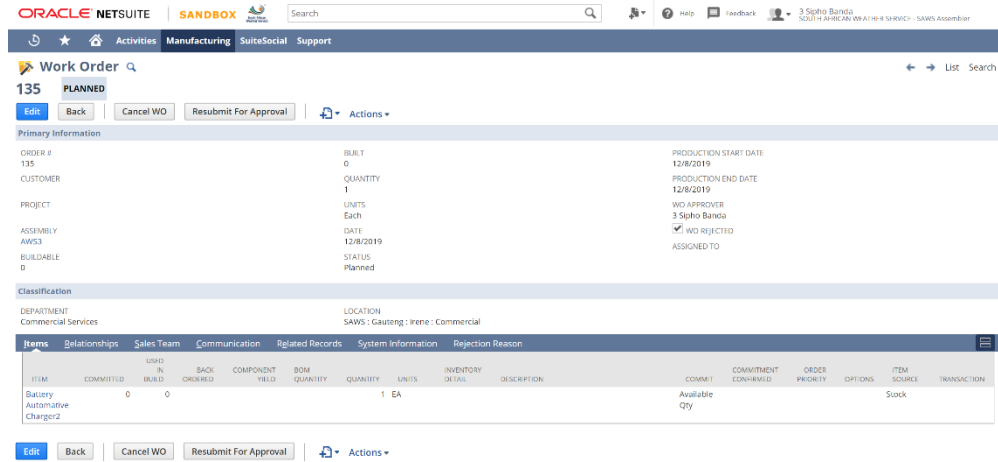
Components | Communication | System Information | Custom | Rejection Reason

COMPONENT	QUANTITY	INVENTORY DETAIL
Enclosure for ARS Control Unit	1	
Tipping bucket Rain Gauge	1	

Edit Back Unbuild Actions

2.2.6 Cancel Work Orders

- To cancel a work order, click the Cancel WO button.

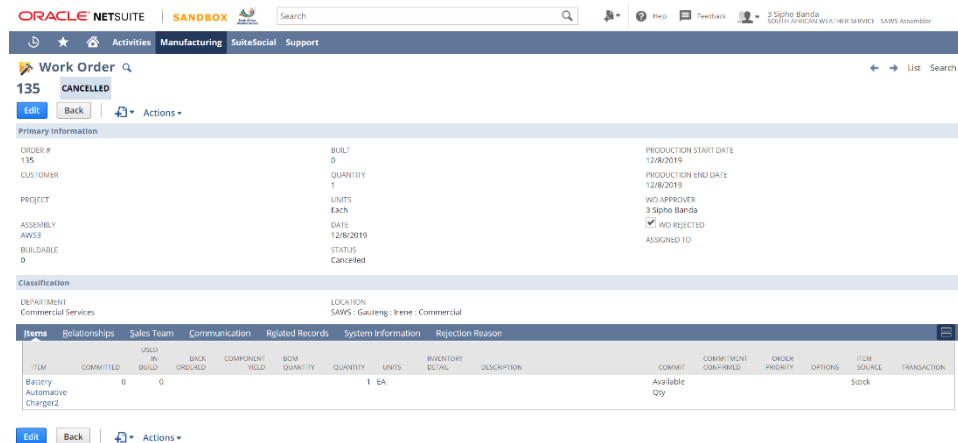


The screenshot shows the Oracle NetSuite interface for Work Order 135. The status is 'PLANNED'. The 'Cancel WO' button is visible and active. The primary information section shows the following details:

Field	Value	Field	Value	Field	Value
ORDER #	135	BUILT	0	PRODUCTION START DATE	12/8/2019
CUSTOMER		QUANTITY	1	PRODUCTION END DATE	12/8/2019
PROJECT		UNITS	Each	WO APPROVER	3 Siphso Banda
ASSEMBLY	AW53	DATE	12/8/2019	<input checked="" type="checkbox"/> WO REJECTED	
BUILDABLE	0	STATUS	Planned	ASSIGNED TO	

The classification section shows the department as 'Commercial Services' and the location as 'SAWS - Gauteng : Irene : Commercial'. The items table below shows one item: 'Battery Automotive ChargerZ' with a quantity of 1 EA and a status of 'Available Qty'.

- The Work Order has been cancelled.



The screenshot shows the Oracle NetSuite interface for Work Order 135. The status is now 'CANCELLED'. The 'Cancel WO' button is no longer visible. The primary information section shows the following details:

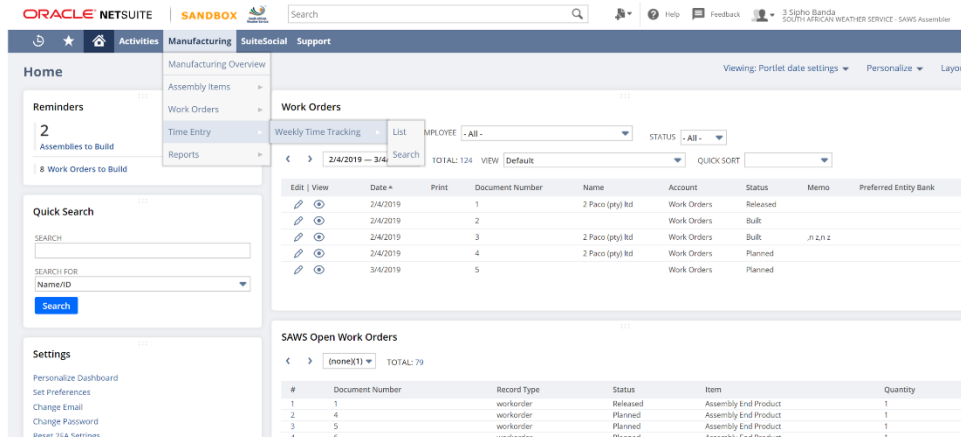
Field	Value	Field	Value	Field	Value
ORDER #	135	BUILT	0	PRODUCTION START DATE	12/8/2019
CUSTOMER		QUANTITY	1	PRODUCTION END DATE	12/8/2019
PROJECT		UNITS	Each	WO APPROVER	3 Siphso Banda
ASSEMBLY	AW53	DATE	12/8/2019	<input checked="" type="checkbox"/> WO REJECTED	
BUILDABLE	0	STATUS	Cancelled	ASSIGNED TO	

The classification section remains the same. The items table below shows one item: 'Battery Automotive ChargerZ' with a quantity of 1 EA and a status of 'Available Qty'.

2.3 Time Entry

To capture time entry:

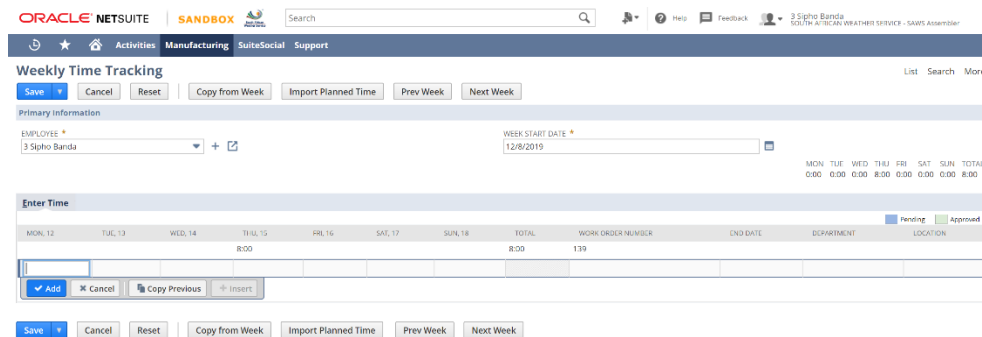
- Go to Manufacturing > Time Entry > Weekly Time Tracking.



The screenshot shows the Oracle NetSuite Manufacturing Overview page. The 'Work Orders' section is active, displaying a list of work orders for the week of 2/4/2019 to 3/4/2019. The list includes columns for Date, Document Number, Name, Account, Status, Memo, and Preferred Entity Bank.

Date	Document Number	Name	Account	Status	Memo	Preferred Entity Bank
2/4/2019	1	2 Faco (pty) ltd	Work Orders	Released		
2/4/2019	2	2 Faco (pty) ltd	Work Orders	Built		
2/4/2019	3	2 Faco (pty) ltd	Work Orders	Built	JLZLZ	
2/4/2019	4	2 Faco (pty) ltd	Work Orders	Planned		
3/4/2019	5	2 Faco (pty) ltd	Work Orders	Planned		

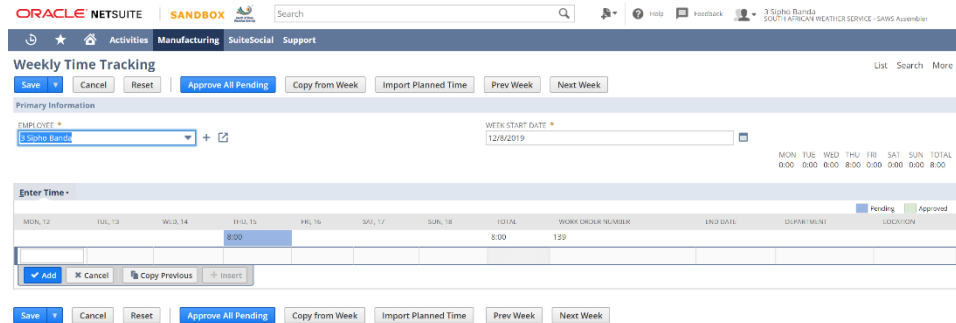
- Enter values for the following fields
 - Employee e.g. **Sipho Banda**.
 - Week Start Date e.g. **12/08/19**.
 - THU, 15 e.g. **8**.



The screenshot shows the Oracle NetSuite Weekly Time Tracking form. The 'Primary Information' section is filled with '3 Sipho Banda' for the employee and '12/8/2019' for the week start date. The 'Enter Time' section shows a table for time entry with columns for dates (MON, 12 to SUN, 18), TOTAL, WORK ORDER NUMBER, END DATE, DEPARTMENT, and LOCATION. The table shows a total of 8:00 for the week and a work order number of 139.

MON, 12	TUE, 13	WED, 14	THU, 15	FRI, 16	SAT, 17	SUN, 18	TOTAL	WORK ORDER NUMBER	END DATE	DEPARTMENT	LOCATION
			8:00				8:00	139			

- Time captured

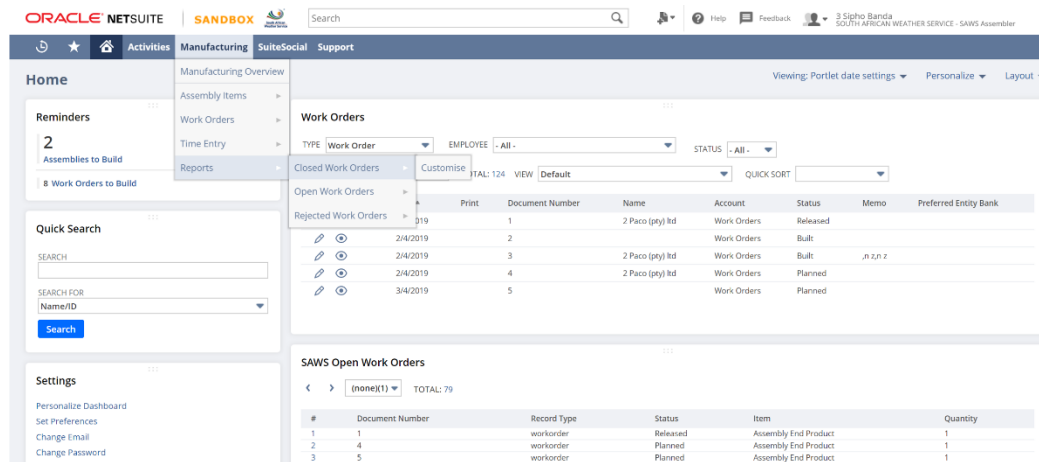


The screenshot shows the Oracle NetSuite Weekly Time Tracking interface. At the top, there are navigation tabs for Activities, Manufacturing, SuiteSocial, and Support. Below this is a search bar and user information for '3 Siphso Banda'. The main section is titled 'Weekly Time Tracking' and includes buttons for 'Save', 'Cancel', 'Reset', 'Approve All Pending', 'Copy from Week', 'Import Planned Time', 'Prev Week', and 'Next Week'. Under 'Primary Information', the 'EMPLOYEE' is set to 'Siphso Banda' and the 'WEEK START DATE' is '12/8/2019'. A summary table shows time captured for each day of the week, with a total of 8:00. Below this is an 'Enter Time' table with columns for days of the week, time, work order number, end date, department, and location. The table shows 8:00 captured on Monday, 12/8/2019, for work order 129. At the bottom, there are more navigation buttons similar to the top section.

2.4 Reports

To run Closed Work Orders Report:

- Go to Manufacturing > Reports > Closed Work Orders.



The screenshot shows the Oracle NetSuite Manufacturing Reports interface. The left sidebar contains navigation options like Home, Reminders (2 Assemblies to Build), Quick Search, and Settings. The main area is titled 'Work Orders' and shows a list of work orders. The 'Closed Work Orders' report is selected, showing a table with columns for Document Number, Name, Account, Status, Memo, and Preferred Entity Bank. Below this, there is a section for 'SAWS Open Work Orders' with a table showing Document Number, Record Type, Status, Item, and Quantity.

Document Number	Name	Account	Status	Memo	Preferred Entity Bank
1	2 Paco (pty) ltd	Work Orders	Released		
2	2 Paco (pty) ltd	Work Orders	Built		
3	2 Paco (pty) ltd	Work Orders	Built	in z.n.r	
4	2 Paco (pty) ltd	Work Orders	Planned		
5	Work Orders	Work Orders	Planned		

#	Document Number	Record Type	Status	Item	Quantity
1	1	workorder	Released	Assembly End Product	1
2	4	workorder	Planned	Assembly End Product	1
3	5	workorder	Planned	Assembly End Product	1

- Click the PDF button

ORACLE NETSUITE | SANDBOX | Search

Activities Manufacturing SuiteSocial Support

SAWS Closed Work Orders: Results List Search Audit Trail

Return To Criteria Edit this Search

FILTERS
STYLE Normal

#	DOCUMENT NUMBER	RECORD TYPE	STATUS	ITEM	QUANTITY
1	2	workorder	Built	Assembly End Product	1
2	3	workorder	Built	Assembly End Product	1
3	22	workorder	Built	Assembly End Product	1
4	23	workorder	Built	AWS1	1
5	36	workorder	Built	AWS Item1	1
6	51	workorder	Built	AWS Item1	1
7	53	workorder	Built	AWS Item1	1
8	56	workorder	Built	AWS Item1	1
9	68	workorder	Closed	AWS Item1	1
10	70	workorder	Closed	AWS Item1	1
11	73	workorder	Closed	AWS Item1	1
12	77	workorder	Closed	AWS Item1	1
13	78	workorder	Closed	AWS Item1	1
14	80	workorder	Closed	AWS Item1	1
15	93	workorder	Closed	AWS Item1	1
16	101	workorder	Built	AWS Item1	1
17	102	workorder	Closed	AWS Item1	1
18	103	workorder	Closed	AWS Item1	1
19	118	workorder	Built	AWS Item1	2

TOTAL: 24

- View the output

SAWS Closed Work Orders

#	Document Number	Record Type	Status	Item	Quantity
1	2	workorder	Built	Assembly End Product	1
2	3	workorder	Built	Assembly End Product	1
3	22	workorder	Built	Assembly End Product	1
4	23	workorder	Built	AWS1	1
5	36	workorder	Built	AWS Item1	1
6	51	workorder	Built	AWS Item1	1
7	53	workorder	Built	AWS Item1	1
8	56	workorder	Built	AWS Item1	1
9	68	workorder	Closed	AWS Item1	1
10	70	workorder	Closed	AWS Item1	1
11	73	workorder	Closed	AWS Item1	1
12	77	workorder	Closed	AWS Item1	1
13	78	workorder	Closed	AWS Item1	1
14	80	workorder	Closed	AWS Item1	1
15	93	workorder	Closed	AWS Item1	1
16	101	workorder	Built	AWS Item1	1
17	102	workorder	Closed	AWS Item1	1
18	103	workorder	Closed	AWS Item1	1
19	118	workorder	Built	AWS Item1	2
20	120	workorder	Built	AWS Item1	1
21	132	workorder	Built	AWS2	1
22	136	workorder	Built	ARS	1
23	137	workorder	Built	ARS	1
24	138	workorder	Built	ARS	1

- Repeat the Steps above to print the Open and Rejected Work Orders.