



MANUFACTURING COSTING

MFG

QUICK REFERENCE GUIDE

Purpose

The purpose of this Quick Reference Guide (**QRG**) is to provide a step-by-step guide to **Manufacturing Costing** in the North Carolina Financial System (**NCFS**).

Introduction and Overview

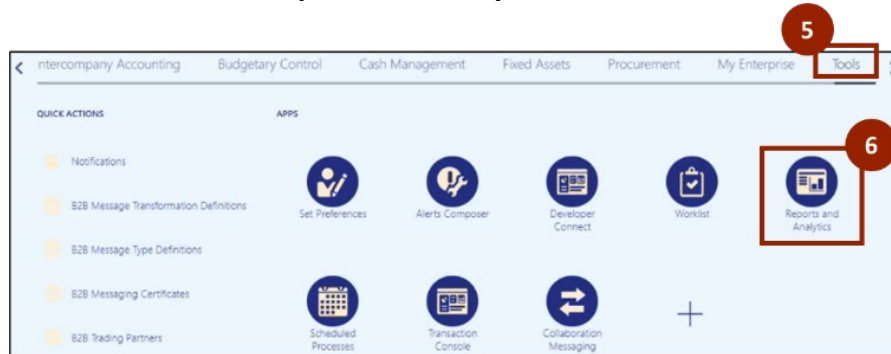
This QRG covers the process of **Manufacturing Costing** within NCFS.

Custom Report: Finished Product Cost Estimate

1. Log in to the NCFS portal using the **Company Single Sign-On (SSO)** button.
2. Enter your **dac.nc.gov** email address.
3. Click **Next**, then enter your **password**.
4. Begin from the **Home** page, or click the **Home** icon.

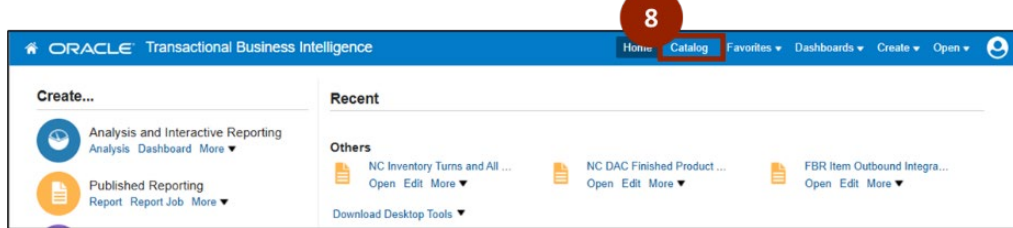
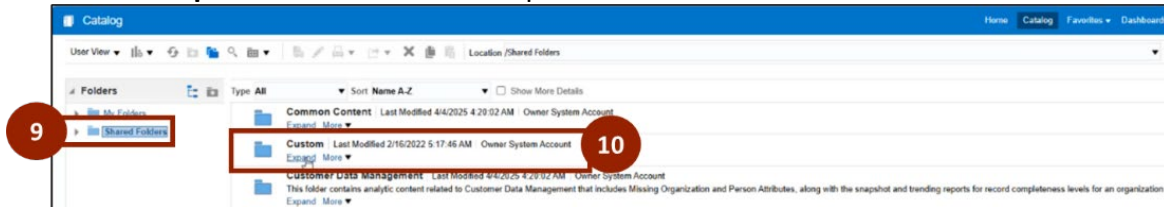
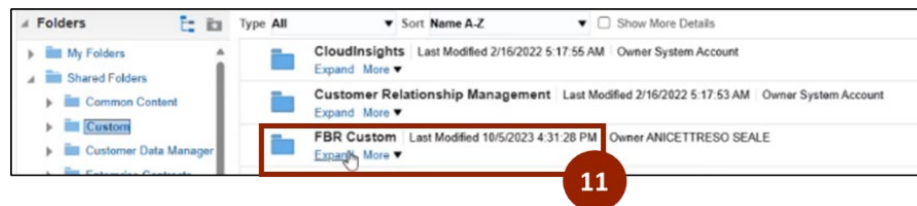


5. On the **Home** page, Select **Tools**.
6. Within the **Tools**, Select **Reports and Analytics**.



7. Select **Browse Catalog**.

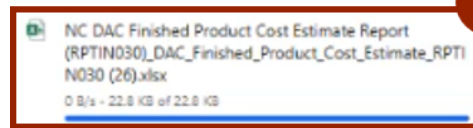


8. Select **Catalog**.9. Select **Shared Folders**.10. Select **Expand** under the *Custom* option.11. Select **Expand** under the *FBR custom* option.12. Select **Expand** under the *Report* option.13. Select **Expand** under the *Inventory* option.14. Select **Expand** under *NC DAC Finished Product Cost Estimate Report (RPTIN030)*.15. Select **Open** under the *NC DAC Finished Product Cost Estimate Report (RPTIN030)*.16. On the **NC DAC Finished Product Cost Estimate Report**, input and/or select the appropriate options from the following:

- *Plant*
- *Scope Report*
- *Report Type*: Select **Estimate**
- *Non Inventory Goods Cost*: Enter a **custom amount**
- *Margin*
- *Cost Book*
- *Cost Organization*
- *Component 1*: Enter up to **10 Components** to estimate the cost of the finished good

17. Select **Apply**.

18. Report is exported in Excel format, open the file from your **Downloads**.



19. View report.

Component Item	Component Description	UOM	Component Unit Cost	Overhead Rate	Plant Component Cost	Required Qty	Total Component Cost
0004662	SEALER, NITROCELLULOSE SANDER SEALER TYPE	GAL	23.75000	112.00	30.30	2.00	100.70
Estimated MFG Cost							\$ 100.70
Non-Inventoried Goods Total Cost							\$ 10.60
Total MFG Estimated Cost							\$ 111.30
Margin							20%
FG Price per US gallon							\$ 144.69

Review Work Order Cost Analysis Screen

1. Begin from the **Home** page, or click the **Home** icon.

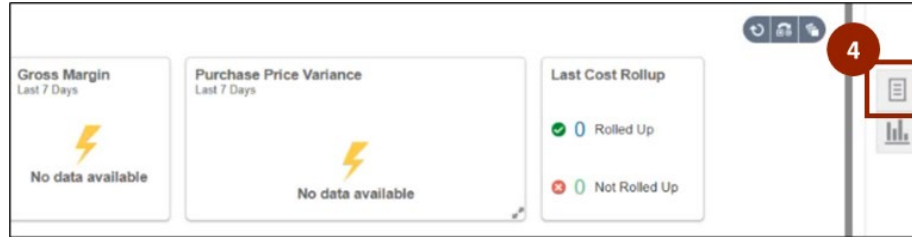


2. On the **Home** page, select **Supply Chain Execution**.

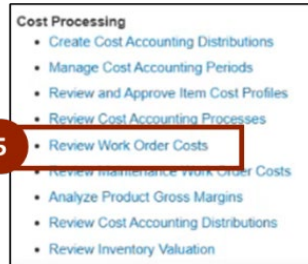
3. Within the **Supply Chain Execution** tab, select **Cost Accounting**.



4. On the **Cost Accounting** Page, navigate to the **Task** icon.

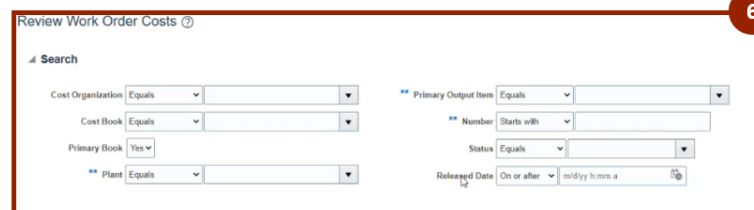


5. Within the **Task** tab, select **Review Work Order Costs**.

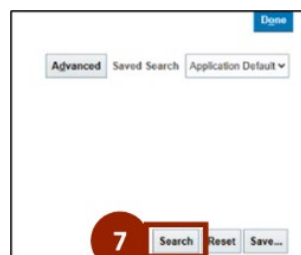


6. On the **Review Work Order Costs** screen, input and/or select the appropriate option from the following:

- **Cost Organization:** Select **DAC - Cost Organization**
- **Cost Book:** Select the appropriate **Cost Book**
- **Plant**
- **Primary Output Item**
- **Work Order Number**



7. Select **Search**.



8. View results from the **Review Work Order Costs** screen.

Cost Organization	Cost Book	Number	Status	Released Date	Plant	Primary Output Item	Output Quantity	Currency Code	Input Costs	WIP Balance	Output Cost per Unit	Variance Percentage	Percent
DAC - Cost Org.	DAC - Actual Cost Book	W0010001	Closed	7/29/25 6:40 AM	ENTERPRISE R.	7932195	2.00000	USD	100.79	0.00	50.35105	0.00	
DAC - Cost Org.	DAC - Actual Cost Book	W0010004	Closed	7/29/25 3:03 AM	ENTERPRISE R.	7932195	5.00000	USD	0.00	0.00	0.00000		

9. Select the **arrow icon** in the *Work Order Cost Analysis* next to *DAC – Cost Organization* to view more details.



10. Select and highlight a **Work Order** row.

11. Select **View Detailed Balances**.

Organization	Cost Book	Number	Status	Released Date	Plant	Primary Output Item
> - Cost Org...	DAC - Accrual Cost Book	WDW1065	Closed	7/29/25 6:46 AM	ENTERPRISE R...	P0022195
> - Cost Org...	DAC - Accrual Cost Book	WDW1064	Closed	7/29/25 3:03 AM	ENTERPRISE R...	P0022195
> - Cost Org...	DAC - Accrual Cost Book	WDW1067	Closed	7/29/25 10:38 AM	ENTERPRISE R...	P0022195
> - Cost Org...	DAC - Accrual Cost Book	WDW1050	Closed	7/28/25 6:38 AM	ENTERPRISE R...	P0022195

12. From the *Work Order Detailed Balances* screen, select the following two tabs to view:

- **Input Costs**
- **Output Costs**

13. Select **Done**.

Hierarchy Name	Work Center	Execution Sequence	Quantity	Amount in Cost Book Currency (USD)	Operation Completion Quantity	UCM Name	Details
Total Input Costs				604.21			
Operation 10	CAD-COMPUTER1			604.21		5.00000 EACH	
Component 8804802 - SEALER, NITROCELLULOSE BANDER SEALER			12 US gallon	604.21			
Cost Element Type: Material				285.01			
Cost Element Type: Overhead				219.21			
Resource: COMPUTERS CAD			5 Hour	0.00			
Resource: COMPUTERS CLERK			5 Hour	0.00			
Resource: LABOR			5 Hour	0.00			
Operation 20	PLANT PRODUCTS			0.00		5.00000 EACH	
Operation 30	FINISHING W/C			0.00		5.00000 EACH	
Operation 40	PACKING AND SHIP			0.00		5.00000 EACH	

14. Select and highlight a **Work Order Number**.

15. Select **Review Distributions**.

Organization	Cost Book	Number	Status	Released Date	Plant	Primary Output Item
> - Cost Org...	DAC - Accrual Cost Book	WDW1065	Closed	7/29/25 6:46 AM	ENTERPRISE R...	P0022195
> - Cost Org...	DAC - Accrual Cost Book	WDW1064	Closed	7/29/25 3:03 AM	ENTERPRISE R...	P0022195
> - Cost Org...	DAC - Accrual Cost Book	WDW1067	Closed	7/29/25 10:38 AM	ENTERPRISE R...	P0022195
> - Cost Org...	DAC - Accrual Cost Book	WDW1050	Closed	7/28/25 6:38 AM	ENTERPRISE R...	P0022195

16. From the **Review Cost Accounting Distribution** screen ensure you select the **Cost Transaction** tab to view details related to materials.
17. Select **View Details**.

Review Cost Accounting Distributions

Search By: Reference Number

Search: By Reference Number

Cost Organization: Equals [] Reference Number: Equals []

Cost Book: Equals [] Transaction Date: On or after []

Search Results

Cost Transactions Cost Adjustments COGS Transactions Work Order Transactions

Actions View Format Freeze Details Wrap View Details

Cost Organization	Cost Book	Inventory Organization	Costing Status	Accounting Status	Item	Transaction Type	Transaction Number	Date	Transaction Quantity or Amount	Transaction UOM	Transaction Currency	Reference Type
DAC - Cost Organization	DAC - Accr	ENTERPRISE	Fully costed	Final accrual	70001852	Work in Process Material Issue	Work order	7/26/25 6:40 AM	-12	US gallon		Work order

18. View results.

Note: From this view you can determine the **Perpetual Average Cost** and **Overhead**.

19. Select **Done**.

Details: DAC - Cost Organization, DAC - Accrual Cost Book, Work in Process Material Issue, Work order - WDW1000, 36988597, Fully costed

Previous Next

0004862, Work order-9759105: Depletion Layers

Layer	Source	Document Number	Reference Type	Reference Number	Quantity or Amount	costing UOM	Costed Date
1	NC Direct Return	9752302	Miscellaneous acc.	9752302	-12.00000	US gallon	7/26/25 10:40 AM

Columns Hidden: 2

Depletion Layer 1: Details

Cost Source	Cost Reference	Cost Component	Cost Element Type	Cost Element	Unit Cost
Perpetual average cost	2025-07-28 09:40:52		Material	Item Price	23.73850/USD
Overhead	DAC_MFGOH_00130R_ACC	113Percentage value / Material	Overhead	Overhead	26.60050/USD

Done

20. Select and highlight a **Work Order** row.

21. Select **View Details**.

Search Results

Cost Transactions Cost Adjustments COGS Transactions Work Order Transactions

Actions View Format Freeze Details Wrap View Details

Cost Organization	Cost Book	Inventory Organization	Costing Status	Accounting Status	Item	Transaction Type
DAC - Cost Organization	DAC - Accr	ENTERPRISE	Fully costed	Final accrual	70001852	Work in Process Material Issue
DAC - Cost Organization	DAC - Accr	ENTERPRISE	Fully costed	Final accrual	70022105	Work in Process Product Completion

22. View results.

Note: From this view you can view the Cost Element Type as **Material** and **Overhead**.

23. Select **Done**.

Note: From the **Cost Information** tab, you can view the Cost Source for the transaction.

Details: DAC - Cost Organization, DAC - Accrual Cost Book, Work in Process Product Completion, Work order - W001050, 3556800, Fully costed

0022105, Work order-9759106 - Receipt Layers

Layer	Source	Document Number	Reference Type	Reference Number	Quantity or Amount	Costing UOM	Costed Date
1	Work in Process Product Completion	9759106	Work order	W001050	5.0000	EACH	7/26/25 10:53 AM

Columns Hidden: 2

Receipt Layer 1: Details

Cost Source	Cost Reference	Cost Component	Cost Element Type	Cost Element	Unit Cost
Work order	W001050		Material	Item Price	\$7.831196/SD
Work order	W001050		Overhead	Overhead	\$3.841348/SD

To view Work Order Resource Transactions:

24. Select and highlight the **Work Order Number**.

25. Select the **Work Order Transactions**.

Search Results

Cost Transactions Cost Adjustments COGS Transactions **Work Order Transactions**

Actions View Format Freeze Detach Wrap View Details

Transaction Details Costing Details

Cost Organization	Cost Book	Inventory Organization	Costing Status	Accounting Status	Item	Transaction Type
DAC - Cost Organization	DAC - Accr	ENTERPRISE	Fully costed	Final accrual	P0004852	Work in Process Material Issue
DAC - Cost Organization	DAC - Accr	ENTERPRISE	Fully costed	Final accrual	P0022105	Work in Process Product Completion

26. View **transactions** for labor and equipment resources.

Search Results

Cost Transactions Cost Adjustments COGS Transactions **Work Order Transactions**

Actions View Format Freeze Detach Wrap View Details

Transaction Details Costing Details

Cost Organization	Cost Book	Costing Status	Accounting Status	Item	Resource	Transaction Type	Transaction Number	Transaction Date	Transaction Quantity or Amount	Transaction UOM	Transaction Currency	Reference Type
DAC - Cost Organization	DAC - Accr	Fully costed	Final accrual	P0022105	LABOR	Work in Process Resource	29618	7/26/25 6:48 AM	5	Hour		Work order
DAC - Cost Organization	DAC - Accr	Fully costed	Final accrual	P0022105	LABOR	Work in Process Resource	29617	7/26/25 6:48 AM	5	Hour		Work order
DAC - Cost Organization	DAC - Accr	Fully costed	Final accrual	P0022105	EQUIP	Work in Process Resource	29616	7/26/25 6:48 AM	6	Hour		Work order

27. Select **Done**.

Run Cost Distribution Details Report Done

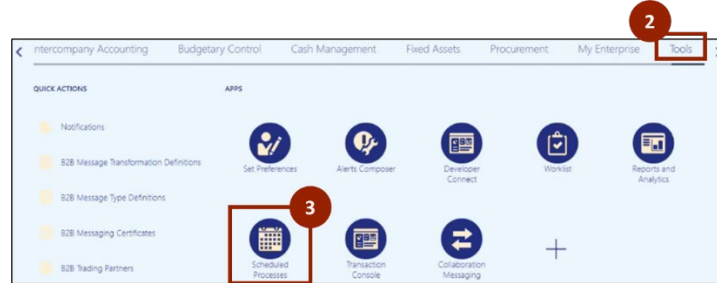
Search Reset

WIP Inventory Value Report

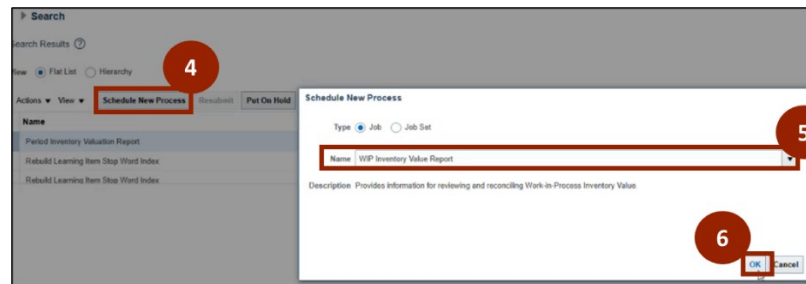
1. Begin from the **Home** page, or click the **Home** icon.



2. On the **Home** page, select **Tools**.
3. Within the **Tools**, select **Scheduled Processes**.



4. Select **Schedule New Process**.
5. Type **WIP Inventory Value Report** into the **Name** box.
6. Select **OK**.



7. On the **Process Details** screen, input and/or select the appropriate option from the following:
- **Cost Organization:** Select **DAC - Cost Organization**
 - **Cost Book:** Select the appropriate **Cost Book**
 - **Plant**
 - **Valuation Basis**
 - **Value As-Of Date**
8. Select **Submit**.

9. Click in the **Refresh** icon until the **Status** is **Succeeded**.
10. Select and highlight the succeeded row **WIP Inventory Value Report**.
11. Select **Republish**.

Name	Process ID	Status	Scheduled
Manage Communication Batch Requests	7256080	Wait	7/29/25 3:53
WIP Inventory Value Report	7256087	Succeeded	7/29/25 3:44
Rebuild Learning Item Step Word Index	7256086	Wait	7/29/25 3:53
Rebuild Learning Item Step Word Index	7256085	Succeeded	7/29/25 3:44

12. Select the desired view to see report results.
13. Select the **Report** icon.
14. Select **PDF**.

15. View the **WIP Inventory Valuation Report**.

Oracle WIP Inventory Valuation Report

as of 7/29/23

Plant, Item, Work Order

Page 1 of 2

Report Date: 7/29/23

Run By: amamamam@state.com

Plant	Inventory	Work Order	WIP Age	WIP Type	WIP Sub Type	Contract	Unit	Value	Extended Value
ENTERPRISE RM	1000000000000000								

Wrap-Up

NCFS users can reference **Manufacturing Costing** using the steps above.

Additional Resources

Virtual Instructor Led Training (vILT)

- MFG111: Manage Costing 2