



WHERE MATCHLESS SERVICE MEETS
PRACTICAL ENGINEERING FOR
EXCEPTIONAL SOLUTIONS.

NexGen® Controller Errors & Flags

Easy Automation, Inc. User Guide
Last Updated October 2, 2024

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TOTALLY INTEGRATED SOLUTION

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NEXGEN CONTROLLER

In the Orders window, you'll see your orders. There are several flags that can appear.



A red flag means there are ingredients that do not have an origination bin assigned to them.

1. Double click on the order. The items missing bins are highlighted in red.

8 items do not have a bin selected.

Ingredient	Formula ...	Target Q...	Unit	Sequence	Grind Size	Origination Equipment
Dried Distillers Grain~	208.100	832.400	Pounds	1		HA-038
Fine Ground Corn~	1,637.500	6,550.000	Pounds	2		
47% Bean Meal~	120.000	480.000	Pounds	3		
Methionine	18.000	72.000	Pounds	4		HA-013
Stock Salt	8.000	32.000	Pounds	5		
A-Swine Micro 2	2.000	8.000	Pounds	6		
Lysine 55# Bag	2.000	8.000	Pounds	7		
Phytase 1200	0.800	3.200	Pounds	8		
Magnesium Oxide 5...	0.600	2.400	Pounds	9		
Monocalcium Phosp...	3.000	12.000	Pounds	10		

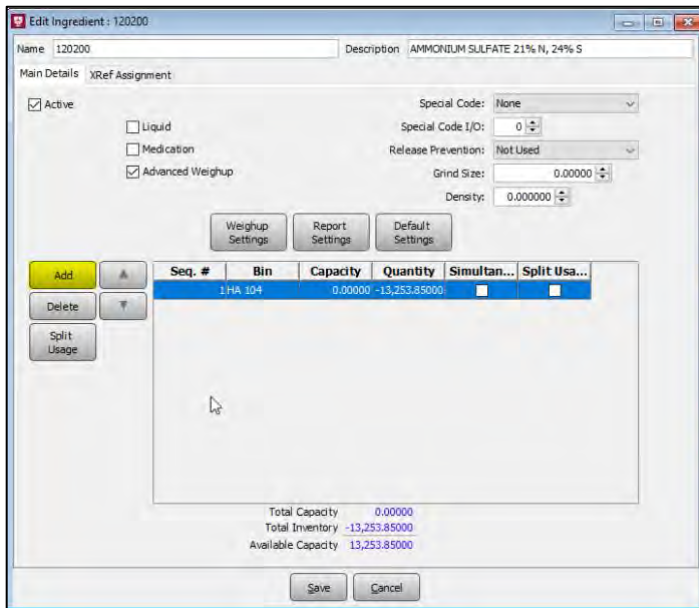
2. Select the ingredient from the list and then click “Ingredient Maintenance.”

8 items do not have a bin selected.

Ingredient	Formula ...	Target Q...	Unit	Sequence	Grind Size	Origination Equipment
Dried Distillers Grain~	208.100	832.400	Pounds	1		HA-038
Fine Ground Corn~	1,637.500	6,550.000	Pounds	2		
47% Bean Meal~	120.000	480.000	Pounds	3		
Methionine	18.000	72.000	Pounds	4		HA-013
Stock Salt	8.000	32.000	Pounds	5		
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Lysine 55# Bag	2.000	8.000	Pounds	7		
Phytase 1200	0.800	3.200	Pounds	8		
Magnesium Oxide 5...	0.600	2.400	Pounds	9		
Monocalcium Phosp...	3.000	12.000	Pounds	10		

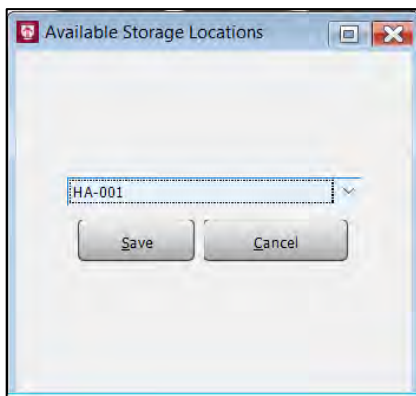
3. Add the bin location.

Click the “Add” button.



Choose the bin location from the drop-down menu and “save”.

Only bin locations that are unassigned / available for use will be listed.

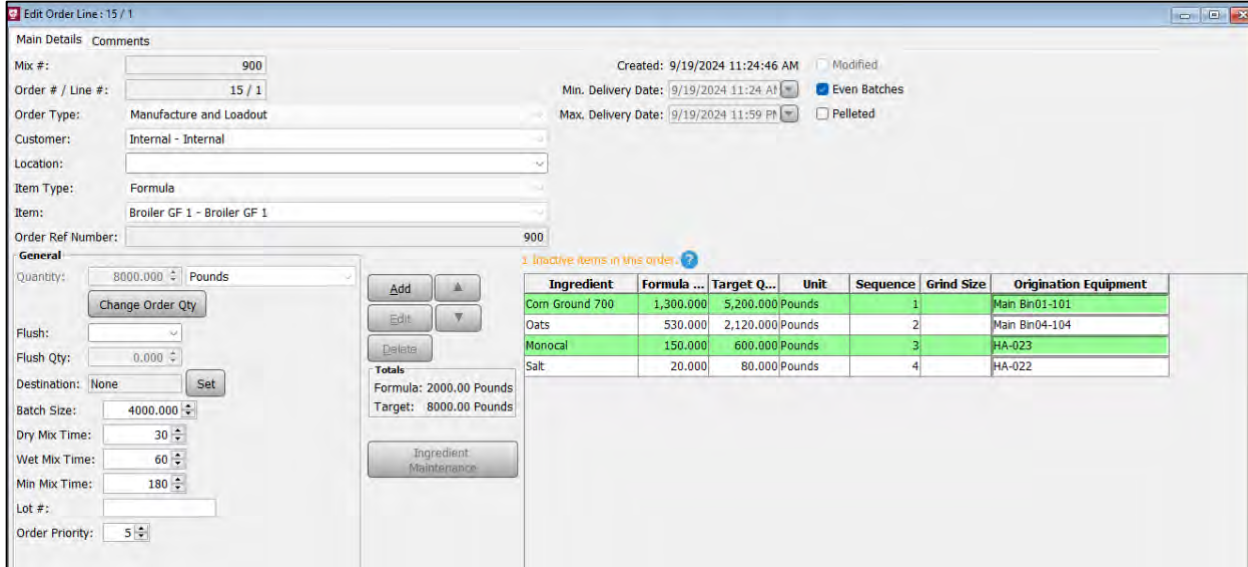


Click “save”, then “save” again.

Continue on to assign bins for any remaining ingredients. Click “save” on the order.

Orange Flag

The orange flag means that something in the order is set as inactive. Double click on the order and it will show you how many things are set as inactive.



Order Line: 15 / 1

Mix #: 900
Order # / Line #: 15 / 1
Order Type: Manufacture and Loadout
Customer: Internal - Internal
Location:
Item Type: Formula
Item: Broiler GF 1 - Broiler GF 1
Order Ref Number: 900

Created: 9/19/2024 11:24:46 AM
Min. Delivery Date: 9/19/2024 11:24 AM
Max. Delivery Date: 9/19/2024 11:59 PM

Even Batches (checked)
Pelleted (unchecked)

General

Quantity: 8000.000 Pounds
Flush:
Flush Qty: 0.000
Destination: None
Batch Size: 4000.000
Dry Mix Time: 30
Wet Mix Time: 60
Min Mix Time: 180
Lot #:
Order Priority: 5

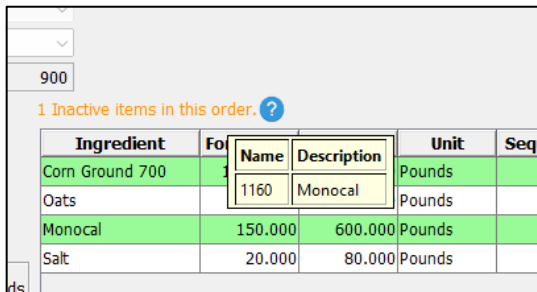
1 Inactive items in this order. ?

Ingredient	Formula ...	Target Q...	Unit	Sequence	Grind Size	Origination Equipment
Corn Ground 700	1,300.000	5,200.000	Pounds	1		Main Bin01-101
Oats	530.000	2,120.000	Pounds	2		Main Bin04-104
Monocal	150.000	600.000	Pounds	3		HA-023
Salt	20.000	80.000	Pounds	4		HA-022

Totals
Formula: 2000.00 Pounds
Target: 8000.00 Pounds

Ingredient Maintenance

If you hover over the message, it will tell you which item it is.



900

1 Inactive items in this order. ?

Ingredient	Formula	Name	Description	Unit	Seq
Corn Ground 700				Pounds	
Oats		1160	Monocal	Pounds	
Monocal	150.000		600.000	Pounds	
Salt	20.000		80.000	Pounds	

You will need to correct it by clicking the “Ingredients” button.



Click on the “View Inactive” checkbox.

Maintain Ingredients												
Count: 221		Clear		Filter: Name		Contains						
Add	Name	Description	Quantity	Bin Assignment	Liquid	Medicati...	Special C...	Special C...	Release Preventi...	Grind Size	Active	Modified
Edit	5803103	Molasses-liquid - (hand ad...	0.00		<input type="checkbox"/>	<input type="checkbox"/>			Not Used	0.00000	<input checked="" type="checkbox"/>	7/10/2024
Delete	5803100	Molasses-liquid - mixer	0.00		<input type="checkbox"/>	<input type="checkbox"/>			Not Used	0.00000	<input checked="" type="checkbox"/>	7/10/2024
Set Active	1160	Monocal	119,085.73	HA-023	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			Not Used	0.00000	<input checked="" type="checkbox"/>	9/19/2024
Adjust Inventory	404	MONOCAL 21%	0.00		<input type="checkbox"/>	<input type="checkbox"/>			Not Used	0.00000	<input checked="" type="checkbox"/>	5/12/2023
Hide Formulas	1032	Monocalcium Phosphate 2...	0.00		<input type="checkbox"/>	<input type="checkbox"/>			Not Used	0.00000	<input checked="" type="checkbox"/>	12/19/2022
View Inactive	5858300	Natugrain TS 1.0- micro s...	0.00		<input type="checkbox"/>	<input type="checkbox"/>			Not Used	0.00000	<input checked="" type="checkbox"/>	5/8/2024
	243101	NDURE 2.0	0.00		<input type="checkbox"/>	<input type="checkbox"/>			Not Used	0.00000	<input checked="" type="checkbox"/>	2/27/2024
	058104	Nitrogen Solution 32%	-11,148.48	HA-060	<input type="checkbox"/>	<input type="checkbox"/>			Not Used	0.00000	<input checked="" type="checkbox"/>	9/11/2024
	5817800	Novin P 15# or less (Final...	0.00		<input type="checkbox"/>	<input type="checkbox"/>			Not Used	0.00000	<input checked="" type="checkbox"/>	5/8/2024
	1170	Oats	151,919.94	Main Bin04-104	<input type="checkbox"/>	<input type="checkbox"/>			Not Used	0.00000	<input checked="" type="checkbox"/>	8/22/2022
		Organic D Soybean Meal	-1,750.00	Main Bin02-001	<input type="checkbox"/>	<input type="checkbox"/>			Not Used	0.00000	<input checked="" type="checkbox"/>	3/16/2023

Find the ingredient, click it once to highlight it, then click “Set Active.”

Maintain Ingredients									
Count: 221		Clear		Filter: Name		Contains			
Add	Name	Description	Quantity						
Edit	5803103	Molasses-liquid - (hand ad...	0.00						
Delete	5803100	Molasses-liquid - mixer	0.00						
Set Active	1160	Monocal	119,085.73						
Adjust Inventory	404	MONOCAL 21%	0.00						
Hide Formulas	1032	Monocalcium Phosphate 2...	0.00						
View Inactive	5858300	Natugrain TS 1.0- micro s...	0.00						
	243101	NDURE 2.0	0.00						
	058104	Nitrogen Solution 32%	-11,148.48						
	5817800	Novin P 15# or less (Final...	0.00						
	1170	Oats	151,919.94						

Pink / Purple Flag

The pink flag means there is a site comment on this order. Double click on the order to open it. Click on the “Comments” tab to see the comment.

Edit Order Line : 16 / 1

Main Details **Comments**

Comments:

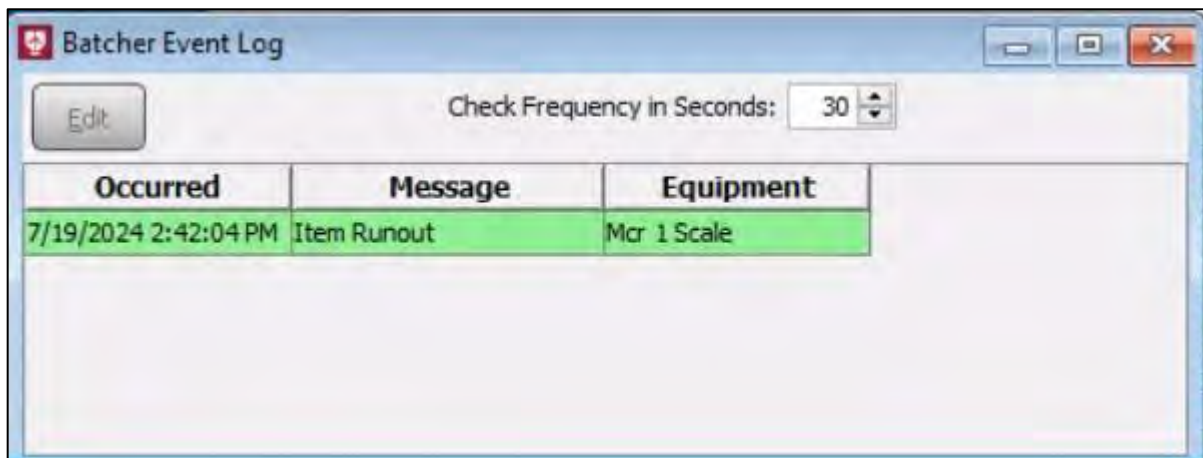
Site Comments:

Comment exists.

ADDRESSING ERRORS IN NEXGEN CONTROLLER

Errors will show up in the Batcher Event Log.

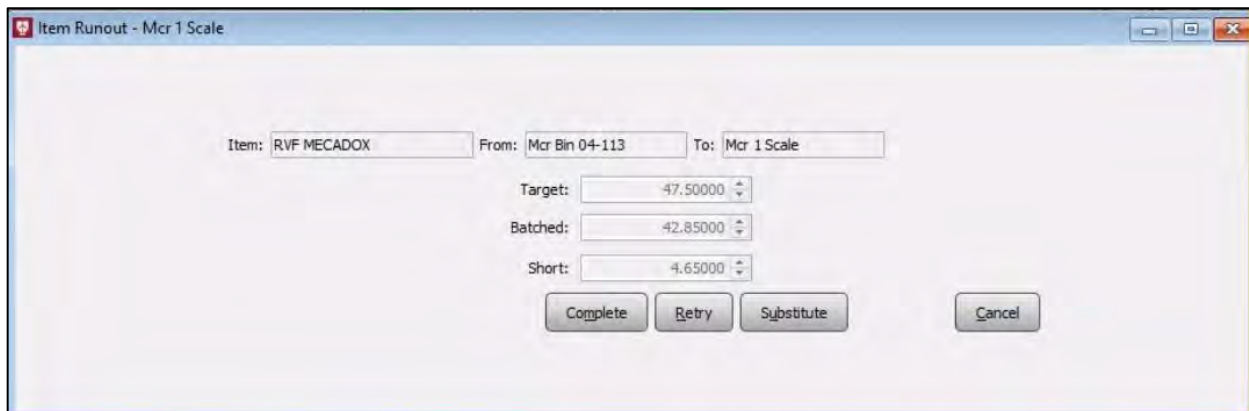
Item Runout / Substitution



The screenshot shows a window titled "Batcher Event Log" with an "Edit" button and a "Check Frequency in Seconds" dropdown set to 30. Below is a table with the following data:

Occurred	Message	Equipment
7/19/2024 2:42:04 PM	Item Runout	Mcr 1 Scale

Double click on event in table.



The screenshot shows a dialog box titled "Item Runout - Mcr 1 Scale" with the following fields and buttons:

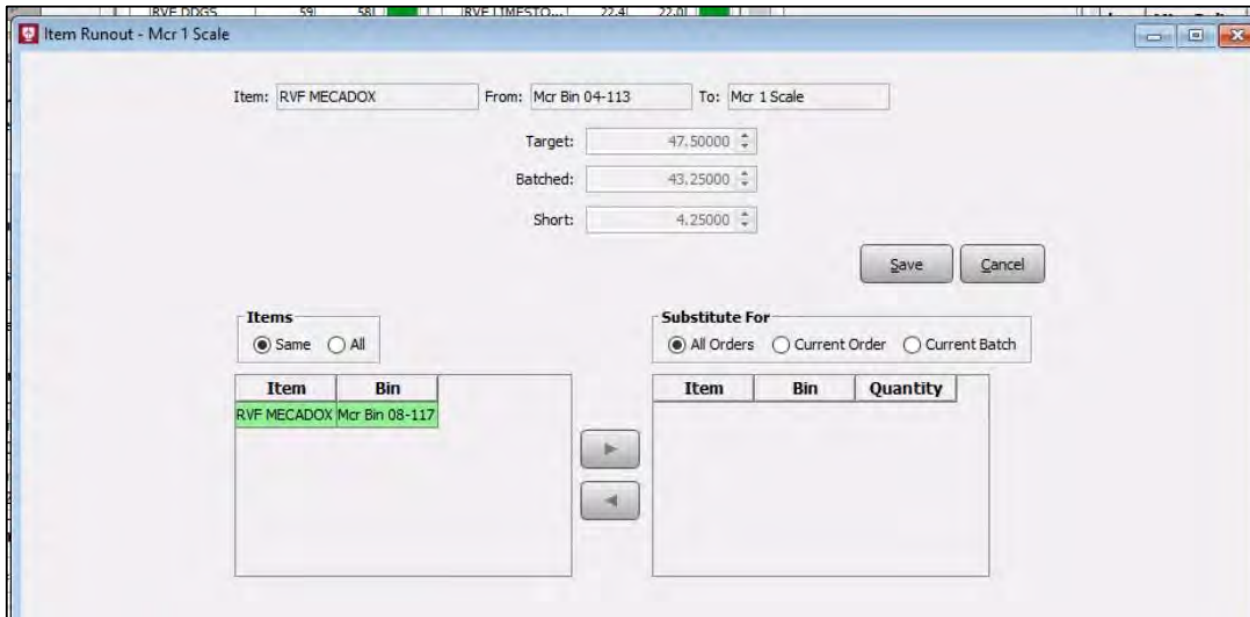
- Item: RVF MECADOX
- From: Mcr Bin 04-113
- To: Mcr 1 Scale
- Target: 47.50000
- Batched: 42.85000
- Short: 4.65000
- Buttons: Complete, Retry, Substitute, Cancel

Selecting "Complete" will accept the current batched amount and move on.

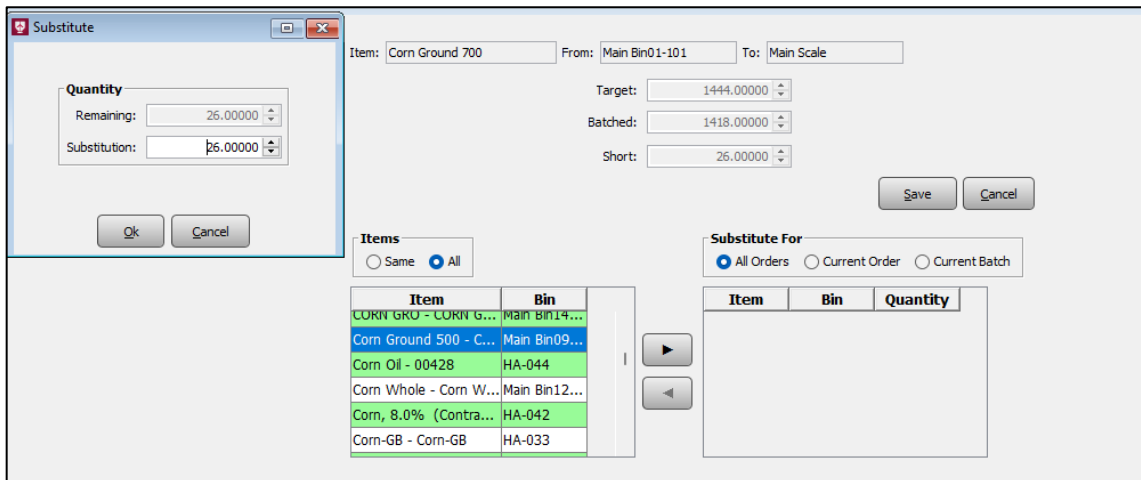
Selecting "Retry" will bump the augers or try again if you refill the bin and are ready to resume.

Selecting "Substitute" will allow you to select a different origination bin for the ingredient or substitute a different ingredient.

Click “Substitute”.



If you are substituting a different ingredient, you’ll click the “All” button. Select your ingredient, then click the arrow to move it to the right. It will ask how much you want to substitute. Click OK.



You also want to then select if you want it to substitute this for all orders going forward, just the current order, or just the current batch. Click “Save.”

Over Tolerance

Occurred	Message	Equipment
7/19/2024 1:48:14 PM	Over Tolerance	CrnSd

Double click on the event in the table.

Item: RVF CORN ran over tolerance

Batched Weight: 5,265

Target Weight: 5,074

With Tolerance: 5,174

Quantity Over Tolerance: 91

Complete Reweigh Cancel

Selecting “Complete” will accept the current batched amount and move on.

Selecting “Reweigh” will capture the scale weight again.

Selecting “Cancel” will close the window and the error will persist.

Negative Weight Fluctuation

Occurred	Message	Equipment
9/18/2024 1	Negative Weight Fluct...	Main Scale

Double click on the event in the table.

On the pop up, select “Retry” or “Cancel.”

Item: Corn Ground 700 weight went negative

Item Weight:

Total Scale Weight:

Tolerance Quantity:

Selecting “Retry” will capture the scale weight again.

Selecting “Cancel” will close the window and the error will persist.