

# NexGen<sup>®</sup> Controller Errors & Flags

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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.

Edit Order Line : 14	/1											
Main Details Com	ments											
Mix #:		899			Created: 9/19/2024 11:19:31 AM Modified							
Order # / Line #:		14 / 1			Min. Delivery	Date: 9/19/2	024 11:19 AF	Even Batches				
Order Type:	Manufactur	Nanufacture and Loadout			Max. Delivery	Date: 9/19/20	024 11:59 PM 💌	Pelleted	Pelleted			
Customer:	Internal - In	nternal - Internal										
ocation:												
tem Type:	Formula											
tem:	14% HOG F	EED (190-FINISH) - 4410F										
order Ref Number:					899							
General					B items do not have a	bin selected.						
Juantity: 8	3000.000 ‡	Pounds	Add		Ingredient	Formula	Target Q U	Init Sequence	Grind Size	Origination Equipment		
Cha	ange Order Qt	ry l			Dried Distillers Grain~	208.100	832.400 Poun	ds 1		HA-038		
lush:	~	2	Edit	-	Fine Ground Corn`	1,637.500	6,550.000 Poun	ds 2				
lush Otv:	0.000 :		Delete		47% Bean Meal~	120.000	480.000 Poun	ds 3				
actiontions Mana		Cat	Totals		Methionine	18.000	72.000 Poun	ds 4		HA-013		
resunation: None		Set	Formula: 2	000.00 Pounds	Stock Salt	8.000	32.000 Poun	ds 5				
atch Size:	4000.000		Target: 8	000.00 Pounds	A-Swine Micro 2	2.000	8.000 Poun	ds 6				
ory Mix Time:	30 🌲		-		Lysine 55# Bag	2.000	8.000 Poun	ds 7	· · · · · · · · · · · · · · · · · · ·			
Vet Mix Time:	60 😩		Ing	edient	Phytase 1200	0.800	3.200 Poun	ds 8				
Ain Mix Time:	190		Mair	Teriance	Magnesium Oxide 5	0.600	2.400 Poun	ds 9				
non mox rune.	100 +				Monocalcium Phosp	3.000	12.000 Poun	ds 10				
Lot #:												
Order Priority:	5 ≑											

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

Edit Order Line : 1	4/1										
Main Details Com	ments										
Mix #:	899			Cre	Created: 9/19/2024 11:19:31 AM Oddified						
Order # / Line #:	14 / 1			Min. Delivery Date: 9/19/2024 11:19 Al				Even Batches			
Order Type:	Manufacture and Loadout			Max. Delivery	Max. Delivery Date: 9/19/2024 11:59 Ph 🕝 🔲 Pelleted						
Customer:	Internal - Internal	Internal - Internal									
ocation:				~							
tem Type:	Formula										
tem:	14% HOG FEED (190-FINISH	() - 4410F									
order Ref Number	*			899							
General				8 items do not have a	bin selected.						
Quantity:	8000.000 C Pounds	[ Add		Ingredient	Formula	Target Q	Unit	Sequence	Grind Size	Origination Equipment	1
Ch	ange Order Qty	Tun		Dried Distillers Grain~	208,100	832.400	Pounds	1		HA-038	
lush:	×	Edit	*	Fine Ground Corn*	1,637.500	6,550.000	Pounds	2			
luch Obe	0.000 *	Delete		47% Bean Meal~	120.000	480.000	Pounds	3		21	
Tuali Qty.	0.000 +	Totals		Methionine	18.000	72.000	Pounds	4	-	HA-013	_
Destination: Non	e Set	Formula: 2	000.00 Pounds	Stock Salt	8.000	32.000	Pounds	5			4
Batch Size:	4000.000 ≑	Target: 8	000.00 Pounds	A-Swine Micro 2	2.000	8.000	Pounds	6	_	-	_
Dry Mix Time:	30 🔹			Lysne 55# Bag	2.000	8.000	Pounds	/			4
Net Mix Time:	60 ≑	Ingr Main	tenance	Magnesium Oxide 5	0.600	2,400	Pounds	9			-
Min Mix Time:	180 ≑			Monocalcium Phosp	3.000	12.000	Pounds	10			
							1.000.00				
Lot #:											



3. Add the bin location.

Click the "Add" button.

ame 120200				1	Description	AMMO	NIUM SULF	ATE 21	% N, 24% S		
fain Details 🗙	Ref Assignr	ment									
Active						Spec	ial Code:	None			v
		iquid				Special (	Code I/O:	0	•		
		ledication			Re	lease Pri	evention:	Not Us	ed		-
	A	dvanced Weigh	nup			G	rind Size:		0.0000	00 0	
							Density:	0.00	0000		
			Weighup Settings	Report	s De	efault ettings					
Add		Seq. #	Bin	Capaci	ity Qua	antity	Simult	an 5	iplit Usa		
		1	1 HA 104	0.0	0000 12 35	to comp					
Delete	Ŧ				0000 -10725	5.63000	<u> </u>				
Split	Ŧ				0000 -13,2.	3.83000					
Split Usage	*				0000 -13/2.						
Split Usage	Ŧ				0000 -10,20						
Split Usage	*	G	ł		0000 <b>-</b> 1092						
Split Usage		G	ł		0000 -1092						
Split Usage		G	×								
Split Usage		La	ł								
Split Usage		G	•								
Split Usage		G	Tota	I Capacity	0.000	20					

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

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

Available Storage Locations	
PHA.001	1-
Save Cancel	

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.

Edit Order Line : 15	/1										
Main Details Com	ments										
Mix #:	900			Cr	eated: 9/19/2	024 11:24:46	AM M	odified			
Order # / Line #:	15 / 1			Min. Delivery	Date: 9/19/2	024 11:24 AM	💌 🖸 Ev	en Batches			
Order Type:	Manufacture and Loadout			Max. Delivery	Date: 9/19/2	024 11:59 PM	Pe	elleted			
Customer:	Internal - Internal										
Location:			×								
Item Type:	Formula										
Item:	Broiler GF 1 - Broiler GF 1										
Order Ref Number:			900								
General			1 100	ctive items in ti	ns order. 🕜						
Quantity: 8	000.000 0 Pounds	Add		Ingredient	Formula	Target Q	Unit	Sequence	Grind Size	Origination Equipment	
Cha	nge Order Qty		Com	Ground 700	1,300.000	5,200.000	Pounds	1		Main Bin01-101	
Flush:	~	Edit	Oats		530.000	2,120.000	Pounds	2		Main Bin04-104	
Fluch Obu	0.000 *	Delate	Mon	ocal	150.000	600.000	Pounds	3		HA-023	
riush Qty.	0.000 +	Totals	Salt		20.000	80.000	Pounds	4		HA-022	
Destination: None	Set	Formula: 2000.00 Pounds									
Batch Size:	4000.000 🗢	Target: 8000.00 Pounds									
Dry Mix Time:	30 ≑										
Wet Mix Time:	60 ≑	Ingredient									
Min Mix Time:	180 ‡	Indinostrance.									
Lot #:											
Order Priority:	5 🜩										

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



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





### Click on the "View Inactive" checkbox.

Second Pres	aten jeanne in											
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		0	0	-	-	Not Used	0.00000		7/10/2024
Euk	5803100	Molasses-liquid - mixer	0.00		0			A	Not Used	0.00000		7/10/2024
Delete	1160	Monocal	119,085.73	HA-023					Not Used	0.00000		9/19/2024
Cak Anthur	404	MONOCAL 21%	0.00		0	0			Not Used	0.00000	2	5/12/2023
Set Active	1032	Monocalcium Phosphate 2	0.00						Not Used	0.00000		12/19/2022
Adjust Inventory	5858300	Natugrain TS 1.0- micro s	0.00		0				Not Used	0.00000	2	5/8/2024 1
	243101	NDURE 2.0	0.00						Not Used	0.00000		2/27/2024
Hide Formulas	058104	Nitrogen Solution 32%	-11,148.48	HA-060	0	0			Not Used	0.00000		9/11/2024
-	5817800	Novin P 15# or less (Final	0.00		0				Not Used	0.00000		5/8/2024 1
View Inactive	1170	Oats	151,919.94	Main Bin04-104	0	0			Not Used	0.00000	2	8/22/2022
	Organic D Soyb	Organic D Soybean Meal	-1,750.00	Main Bin02-001					Not Used	0.00000		3/16/2023

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

Count: 221 Clear Filter: Name ~ Contains ~									
Count: 221 Clear Filter: Name ~ Contains ~									
Add Name Description Quantity									
Edit 5803103 Molasses-liquid - (hand ad	0.00								
5803100 Molasses-liquid - mixer	).00								
Delete 1160 Monocal 119,08	119,085.73 H								
404 MONOCAL 21%	).00								
1032 Monocalcium Phosphate 2	).00								
Adjust Inventory 5858300 Natugrain TS 1.0- micro s	).00								
243101 NDURE 2.0	).00								
V Hide Formulas 058104 Nitrogen Solution 32% -11,14	3.48 H/								
5817800 Novin P 15# or less (Final	0.00								
1170 Oats 151,91	).94 M								



# 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 Dotaile Comments
Comments:
Site Comments:
Comment exists
Condition CALSUS.



## ADDRESSING ERRORS IN NEXGEN CONTROLLER

Errors will show up in the Batcher Event Log.

#### Item Runout / Substitution

Check Fre	quency in Seconds: 30 🗘	
Message	Equipment	
n Runout	Mor 1 Scale	
	Check Fre Message n Runout	Check Frequency in Seconds: 30 -

Double click on event in table.

🛃 Item Runout - Mcr 1 Scale					
Item: RVF	F MECADOX From: Mcr B	in 04-113 To:	Mcr 1 Scale		
	Target	47.50000			
	Batched	42.85000	÷		
	Short	4.65000	-		
		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".

🛃 Item Runout - Mcr 1 Sca	le				
	Item: RVF MECADOX	From: Mcr Bin 04	113 To: Mcr 1 Sc	ale	
		Target:	47,50000 ‡		
		Batched:	43,25000 ‡		
		Short:	4.25000 ‡		
	Items Same All Item Bin RVF MECADOX Mcr Bin 08-117		Substitute For	Current Order Current Bat	ch

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.

Substitute	Item: Corn Ground 700 Fr	om: Main Bin01-101	To: Main Scale	
Quantity		Target:	1444.00000 🜩	
Remaining: 26.00000		Batched:	1418.00000 💂	
Substitution: 26.0000		Short:	26.00000 🗘	
Qk Qancel	Items		Substitute For	Save Cancel
	Item Bin CORN GRO - CORN G Main Bin 14.		Item Bin	Quantity
	Corn Ground 500 - C Main Bin09.			
	Corn Oil - 00428 HA-044			
	Corn Whole - Corn W Main Bin12.			
	Corn, 8.0% (Contra HA-042			
	Come CD Come CD UIA 0000			

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**

charles and the second second	
Check Frequency in S	Seconds: 30 🜩
ssage E	quipment
nce CrnSd	
	ssage E

Double click on the event in the table.

Batched Weight:	5,265	*
Target Weight:	5,074	+
With Tolerance:	5,174	*
Quantity Over Tolerance:	91	+

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

🔮 Batcher Ev	ent Log			
Edit Check Frequency in Seconds:				
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."

🛂 Negative Weight	Fluctuation - Main Scale		x
Item: Corn Grou	nd 700 weight went negative		
Item Weight:		-25	+
Total Scale Weight:		-25	*
Tolerance Quantity:		50	+
	Retry Cancel		

Selecting "Retry" will capture the scale weight again.

Selecting "Cancel" will close the window and the error will persist.