



INSPEC QA-QC - QUALITY INTELLIGENCE - INSPEC BI (IZENDA)



Free your QC from guesswork, tribal knowledge and inefficiency with integrated workflow, data collection and analytics designed specifically for Food & Beverage manufacturing. Regulations are rigid; Inspec gives QA/QC teams the flexibility and mobility to verify GMPs and specifications on the production floor, in real time.

“Inspec was created to provide a mobile, highly scalable quality data collection system that can be easily used as a standalone solution, or integrated into Whistle or almost any other ERP/WMS or similar management system.”

Transform your quality management function into a competitive advantage with our quality command center that is built on years of industry expertise. Inspec can save you time and money by replacing risky, outdated methods with improved efficiency, mobility and process automation. Even better, it will enable you to identify trends, make informed decisions and quickly resolve issues.





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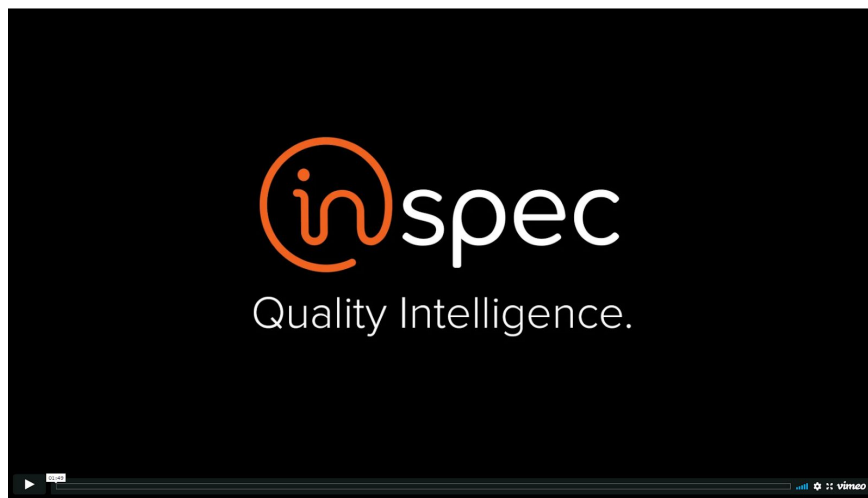
OVERALL BENEFITS

- Quality and process go hand-in-hand. Inspec *improves efficiency and accuracy by automating repetitive chores and creating dependencies that trigger appropriate actions in the proper sequence*. Minimize keypunches with smart, intuitive, interactive software that supports: automatic data collection from most IP scales and other sensors, barcode readers, bulk data import/export via MS SQL Server and CSV, and more.
- Enjoy safe, versatile data storage on an *industry-standard SQL database* for all your quality data: process controls, intake and outgo status measurements, machine conditions, maintenance procedures, food quality tests, environmental conditions, bacterial sweeps... everything.
- Fix your filing and audit problems forever! With Inspec, you can have the best HACCP plan in the business, without a single file cabinet. Inspec will *revolutionize the way you fulfill specifications and regulations*. All data is automatically backed up daily to encrypted storage in addition to streaming all changes to several other servers.
- *Turn quality control into process automation!* Now, in real time, you can know the instant a trend is tipping south ... before the specter of product failure can endanger the health of consumers, your relationship with customers, or your bottom line.
- *Feedback alerts your operators to situations that require action.*
- Reveal trends, discover cost-saving insights, quantify recurring issues and turn your quality control data into a goldmine of business intelligence. With the *power to mine your own data without costly consultants or ISO audits*, you'll reap immediate gains in proactive process improvement, labor efficiency and management decision-making.
- Now you can *know the instant a trend is tipping south in real time* - before product failure can endanger the health of consumers, your relationship with customers, or your bottom line.
- *Gives you the power to mine your data yourself*, without costly consultants or ISO audits. You'll suddenly surpass your competitors in process improvement, quality assurance, labor efficiency and management proactivity.



RAPIDLY BUILD AND DEPLOY DYNAMIC FORMS AND REPORTS

How Inspec works (video)





RAPIDLY BUILD AND DEPLOY DYNAMIC FORMS AND REPORTS

Inspec Forms Designer: At the heart of this solution is a fully customizable document library that enables you to implement what you need immediately and easily meet the needs of your growing operation. Inspec forms offer an extensive list of highly intuitive features and functions that give you unprecedented control and visibility.

- Automate workflows and actions by role and phase.
- Optional customization of colors, logos, header grid and domain available.
- Form navigation and data entry using only keyboard.
- Lay out controls, options, workflows linked to datasets and specifications.
- Define and initiate custom actions.
- Rich control set enables full range of user input modes to streamline data entry.
- Comment and upload photos and documentation to specific form items.
- Assign detailed specification types.
- Scoring Engine calculates and assigns a score for any of the specification types.

Quick links to screenshots:

Inspec QA-QC

- [Building a new form. \(part 1\)](#)
- [Building a new form. \(part 2\)](#)
- [A completed design.](#)
- [Filled out form.](#)
- [Overview of entries.](#)

Inspec BI (Izenda)

- [Line item reporting.](#)
- [Chart reporting.](#)



INSPEC DESIGNER MODE

Building a new form. (part 1)

As you define your columns, name them to specify their function or representation. Columns can be used to organize different types of information or to draw a users attention in a path to control workflow. Naming columns is simple, just highlight the “Column #” text and type over it with the desired text. (see next screenshot)

The screenshot displays the 'Forms Designer: BH Finished Product Inspection' interface. The main form is titled 'Box Inspection' and includes the following sections:

- Instructions:** Enter data for Box Inspection
- Lot subform:** Select Lot, Edit Lot Subform (2 Days)
- Box:** Text input field containing 'Box'
- Fish Size:** A grid of size categories:

1-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18
18 +	5-6 kg	6-7 kg	7-8 kg	8-9 kg	9 +	16 +	
4-5 kg							
- # of Pieces Verified:** Pass, Fail
- VA Weight:** VA Weight input field with - / + controls
- QA Weight:** QA Weight input field with - / + controls
- Box Comparison (30# +/- 0.11lb & 50# +/- 0.16lb):** Pass, Fail

On the right side, there is a column configuration area with the text 'Enter alias for column 2' and buttons for 'No Controls', 'Add New', and 'Copy'.

(Increase document view size to see more detail)



INSPEC DESIGNER MODE

Building a new form. (part 2)

Now that the columns have been named controls can be added. To begin adding controls select the button in either column. With any control once it's selected a legend pop-up will populate, fill in the desired control name that will inform a user of what information is required for that field.

The screenshot displays the 'Forms Designer: BH Finished Product Inspection' interface. The top navigation bar includes 'Menu', 'Home', and 'Tasks'. The main workspace is divided into two columns: 'Box Inspection' and 'Product Inspection'. The 'Box Inspection' column contains several controls: 'Lot' (a dropdown menu with 'Select Lot' and 'Edit Lot Subform (2 Days)'), 'Box' (a text input field), 'Fish Size' (a grid of buttons for size ranges: 1-4, 4-6, 6-8, 8-10, 10-12, 12-14, 14-16, 16-18, 18+, 5-6 kg, 6-7 kg, 7-8 kg, 8-9 kg, 9+, 16+, and a summary row for 4-5 kg), '# of Pieces Verified' (a 'Pass/Fail' toggle), 'VA Weight' (a text input with a '- / +' button), 'QA Weight' (a text input with a '- / +' button), and 'Box Comparison (30# +/- 0.11lb & 50# +/- 0.16lb)' (a 'Pass/Fail' toggle). The 'Product Inspection' column contains: 'Weight' (a table with 'Weight' and 'Sample Time' columns, showing 'No samples recorded' and 'Count: 0/1', and a 'Weight (lb)' input with a '+' button), 'Sea Lice Per Fish' (a table with 'Sea Lice Per Fish' and 'Sample Time' columns, showing 'No samples recorded' and a 'Sea Lice Per Fish' input with a '+' button), 'Instructions' (a text area with a 5-step inspection procedure), and 'Sea lice' (a text area with specifications: 'Avg # of lice per fish max 3 / Avg. # of lice per box: 30# max 14 lice & 50# max 23 lice'). Both columns have 'Add New' and 'Copy' buttons at the bottom.

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INSPEC DESIGNER MODE

A completed design.

Forms Designer: BH Finished Product Inspection

Menu Home 3 More Editing Layout Edit Properties Edit Workflow Edit Grid Layout Edit Documentation

Box Inspection

Instructions
Enter data for Box Inspection

Lot
Lot subform
Select Lot
Edit Lot Subform (2 Days)

Box
Box

Fish Size

1-4	4-6	6-8	8-10	10-12
12-14	14-16	16-18	18+	
5-6 kg	6-7 kg	7-8 kg	8-9 kg	
9+	16+	4-5 kg		

of Pieces Verified
Pass Fail

VA Weight
VA Weight - / +

QA Weight
QA Weight - / +

Box Comparison (30# +/- 0.11lb & 50# +/- 0.16lb)
Pass Fail

Add New Copy

Product Inspection

Weight

Weight	Sample Time
No samples recorded	
Count: 0/1	
Weight (lb) +	

Sea Lice Per Fish

Sea Lice Per Fish	Sample Time
No samples recorded	
Sea Lice Per Fish +	

Instructions
1. Inspect a minimum of 6 cases per lot. 2. Label Information is a pass if label contains all required information (refer to Label Inspection) and all information is correct. 3. Quality of Grading: check every fish to make sure that the grade of fish (premium/select) match the label. 4. Check all fish in box for TDU. 5. If case is not in spec notify Supervisor to address cause.

Sea lice
Avg # of lice per fish max 3 / Avg. # of lice per box: 30# max 14 lice & 50# max 23 lice

Add New Copy

Pass Fail/ Temps

Label Information Correct (CCP # 2)
Pass Fail

Quality of Grading
Pass Fail

Sea Lice per Box
Pass Fail

Quality Of Icing
Pass Fail

TDU
Pass Fail

Case in Spec
Pass Fail

Temperature
Temperature - / + °C

Comments
Comments

Picture
Upload Image

Add New Copy

(Increase document view size to see more detail)



INSPEC FINISHED

Filled out form.

Instructions Enter data for Box Inspection	Weight	Label Information Correct (CCP # 2)																																						
Lot 1002020320	<table border="1"><thead><tr><th>Weight</th><th>Sample Time</th></tr></thead><tbody><tr><td>10.00 lb</td><td>2020-03-09 16:30:04</td></tr><tr><td>12.00 lb</td><td>2020-03-09 16:30:06</td></tr></tbody></table>	Weight	Sample Time	10.00 lb	2020-03-09 16:30:04	12.00 lb	2020-03-09 16:30:06	Quality of Grading Pass Fail																																
Weight	Sample Time																																							
10.00 lb	2020-03-09 16:30:04																																							
12.00 lb	2020-03-09 16:30:06																																							
Box Box	Count: 2/1 Weight (lb) +	Sea Lice per Box Pass Fail																																						
Fish Size	Sea Lice Per Fish	Quality Of Icing TDU Case in Spec																																						
<table border="1"><thead><tr><th>1-4</th><th>4-6</th><th>6-8</th><th>8-10</th><th>10-12</th><th>12-14</th><th>14-16</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>16-18</td><td>18 +</td><td>5-6 kg</td><td>6-7 kg</td><td>7-8 kg</td><td>8-9 kg</td><td></td></tr><tr><td>9 +</td><td></td><td>16 +</td><td></td><td></td><td>4-5 kg</td><td></td></tr></tbody></table>	1-4	4-6	6-8	8-10	10-12	12-14	14-16								16-18	18 +	5-6 kg	6-7 kg	7-8 kg	8-9 kg		9 +		16 +			4-5 kg		<table border="1"><thead><tr><th>Sea Lice Per Fish</th><th>Sample Time</th></tr></thead><tbody><tr><td>1.00</td><td>2020-03-09 16:30:10</td></tr><tr><td>4.00</td><td>2020-03-09 16:30:11</td></tr><tr><td>5.00</td><td>2020-03-09 16:30:12</td></tr><tr><td>2.00</td><td>2020-03-09 16:30:14</td></tr></tbody></table>	Sea Lice Per Fish	Sample Time	1.00	2020-03-09 16:30:10	4.00	2020-03-09 16:30:11	5.00	2020-03-09 16:30:12	2.00	2020-03-09 16:30:14	Temperature Temperature - / + °C
1-4	4-6	6-8	8-10	10-12	12-14	14-16																																		
16-18	18 +	5-6 kg	6-7 kg	7-8 kg	8-9 kg																																			
9 +		16 +			4-5 kg																																			
Sea Lice Per Fish	Sample Time																																							
1.00	2020-03-09 16:30:10																																							
4.00	2020-03-09 16:30:11																																							
5.00	2020-03-09 16:30:12																																							
2.00	2020-03-09 16:30:14																																							
# of Pieces Verified Pass Fail	Instructions > • Inspect a minimum of 6 cases per lot. 2. Label Information is a pass if label contains all required information (refer to Label Inspection) and all information is correct. 3. Quality of Grading: check every fish to make sure that the grade of fish (premium/select) match the label. 4. Check all fish in box for TDU. 5. If case is not in spec notify Supervisor to address cause. <	Comments Comments																																						
VA Weight 18.2 - / +	Sea lice Avg # of lice per fish max 3 / Avg. # of lice per box: 30# max 14 lice & 50# max 23 lice	Picture Upload Image																																						
QA Weight 18.8 - / +																																								
Box Comparison (30# +/- 0.11lb & 50# +/- 0.16lb) Pass Fail																																								

FINISH REPORT FINISH REPORT AND START NEW

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INSPEC FINISHED

Overview of entries.

This screen represents an overall view of the data entered by filling out a form. Simply click on the links to get a more detailed view.

Ref #	Date	Fish Size	# of Pieces	Lot	Last Modified	Created By	VA Weight	QA Weight	Weight	Box Comp.	Status	Action
8A6F	2020-0...	10-12	Passed	20787	maria.menaido	maria.menaido	54.02	53.96		Passed	Finished, Pend...	
22FD	2020-0...	10-12	Passed	20787	maria.menaido	maria.menaido	53.85	53.76		Passed	Finished, Pend...	
115E	2020-0...	8-10	Passed	20787	maria.menaido	maria.menaido	51.20	51.16		Passed	Finished, Pend...	
89DC	2020-0...	10-12	Passed	20787	maria.menaido	maria.menaido	54.68	54.56		Passed	Finished, Pend...	
E9C0	2020-0...	10-12	Passed	20787	maria.menaido	maria.menaido	54.27	54.24		Passed	Finished, Pend...	
70F7	2020-0...	10-12	Passed	20787	maria.menaido	maria.menaido	53.62	53.62		Passed	Finished, Pend...	
27F5	2020-0...	14-16	Passed	20786	ava.mullins	ava.mullins	45.52	45.50		Passed	Finished, Pend...	
4D89	2020-0...	14-16	Passed	20786	ava.mullins	ava.mullins	45.26	45.22		Passed	Finished, Pend...	
6644	2020-0...	18 +	Passed	20786	ava.mullins	ava.mullins	41.42	41.42		Passed	Finished, Pend...	
2A56	2020-0...	18 +	Passed	20786	ava.mullins	ava.mullins	37.92	37.96		Passed	Finished, Pend...	
D1F6	2020-0...	18 +	Passed	20786	ava.mullins	ava.mullins	38.48	38.50		Passed	Finished, Pend...	
0CB4	2020-0...	14-16	Passed	20786	ava.mullins	ava.mullins	45.28	45.24		Passed	Finished, Pend...	
CEF5	2020-0...	18 +	Passed	20783	maria.menaido	maria.menaido	38.06	38.02		Passed	Finished, Pend...	
7405	2020-0...	18 +	Passed	20783	maria.menaido	maria.menaido	45.26	45.16		Passed	Finished, Pend...	
FFEB	2020-0...	18 +	Passed	20783	maria.menaido	maria.menaido	38.60	38.58		Passed	Finished, Pend...	
A60D	2020-0...	18 +	Passed	20783	maria.menaido	maria.menaido	39.78	39.84		Passed	Finished, Pend...	
9811	2020-0...	18 +	Passed	20783	maria.menaido	maria.menaido	40.48	40.48		Passed	Finished, Pend...	
02D9	2020-0...	8-10	Passed	20783	maria.menaido	maria.menaido	18.46	18.38		Passed	Finished, Pend...	
F47F	2020-0...	18 +	Passed	20782	teszel.dayot	teszel.dayot	39.46	39.40		Passed	Finished, Pend...	
EA95	2020-0...	18 +	Passed	20782	teszel.dayot	teszel.dayot	39.40	39.38		Passed	Finished, Pend...	
n466	2020-0...	18 +	Passed	20782	teszel.dayot	teszel.dayot	37.82	37.38		Passed	Finished, Pend...	

(Increase document view size to see more detail)



INSPEC BI (IZENDA) REPORTING

One of the more powerful features of Inspec QA-QC is it's robust reporting capabilities historical and real-time.

Line item reporting.

BH Finished Product Inspection Preview Records 10

Filters Apply Filter

Lotsubform_Lot OfficialTime

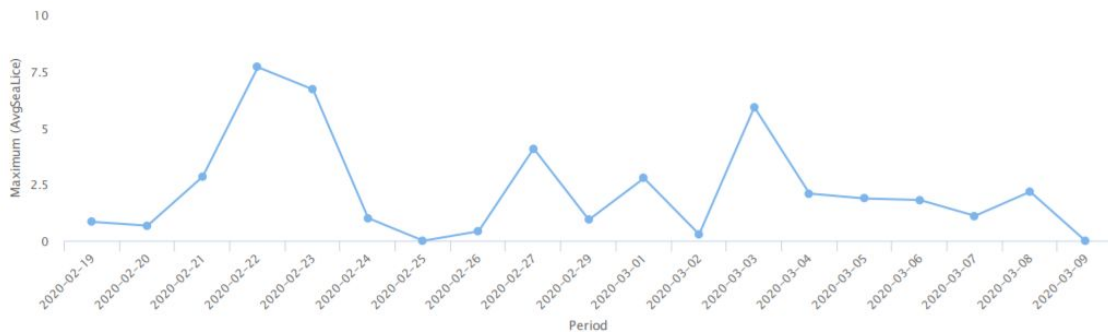
Lotsubform_Lot	FishSize	ofPieces	Box Comparison	QAWeight	VAWeight	Weight_list	SeaLicePerFish_count	LabelInformationC...	SeaLiceBo
20340	12-14	Passed	Passed	53.07	53.17	12.88, 14.00, 12.71, 13.48	4	Passed	Passed
20340	10-12	Passed	Passed	53.45	53.55	12.00, 10.15, 10.00, 11.30, 10.00	5	Passed	Passed
20340	10-12	Passed	Passed	55.16	55.23	10.66, 10.91, 11.23, 11.75, 10.61	5	Passed	Passed
20340	10-12	Passed	Passed	52.75	52.79	11.37, 10.00, 10.60, 10.00, 10.78	5	Passed	Passed
20340	12-14	Passed	Passed	53.07	53.17	12.88, 14.00, 12.71, 13.48	4	Passed	Passed
20340	10-12	Passed	Passed	55.16	55.23	10.89, 10.85, 11.78, 10.00, 11.64	5	Passed	Passed
20340	12-14	Passed	Passed	49.74	49.85	12.77, 12.10, 12.21, 12.66	4	Passed	Passed

Chart reporting.

Average Weight Over Time
Last 20 days



Sea Lice Per Fish



(Increase document view size to see more detail)



WOULD YOU LIKE TO LEARN MORE?

This document was designed to give a 100' view of the potential of Inspec and how easy it is to build forms, collect data and report.

Contact Coolearth Software to learn more about how we can take your manual (paper) processes and digitize for accurate reporting and integration with your WMS/ERP management system.

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