Name & Title: Enter your name & Title

Company Name: Enter your company name

Bucher Emhart Glass (BEG) is committed to providing you with the best products and services possible. All information provided will be kept confidential and is for BEG use only. The purpose of this survey is to help BEG better understand your current needs, your requirements and your future expectations.

After completion of the questionnaire, please return to the following e-mail address: [webmaster@emhartglass.com](mailto:webmaster@emhartglass.com)

Please select all answers that best describe your factory / factories inspection machine layout

What are your **typical** inspection machine layouts (machine order) for the cold end inspection single lines?





Click here to enter additional comments:

What would be your preferred machine layout (order) for the cold end inspection single lines?











Click here to explain the reason for your preference:

Do you use squeeze testers on your lines

****

Click here to explain the reasoning

Non-Round capabilities

What statements best describe your cold end inspection single lines and packaging area?

****

Click here to explain the reasoning

When making new investments in the inspection and packaging areas, are “non round” capabilities considered?

****

What percentage of your cold end inspection and packaging lines regularly run “non round” articles today?



Do you believe the demand for “non round” containers will increase in the future?



Would you consider “All in 1” type machines for round container lines? (all inspections in a single machine)



Click here to explain the reasoning

Multi gob & Multi article capabilities

Do you have I.S. lines equipped to run “Multi-gob”?

****

Do you have cold end inspection lines and packaging areas capable of running “Multi-article”?

****

When making a new investments in the inspection and packaging areas, are “Multi-article” capabilities considered?

****

Do you believe that multi gob / multi article capabilities will become more important in the future?



Reselect & Held wares (select all that apply)

How do you reselect held wares in your factories?











Are you happy with the current method you use to reselect held wares?



If “No” click here to explain the reasoning

Laser Marking

Are you familiar with hot end laser marking devices?



Do you have any laser marking devices in your HE?



If yes, how many of your IS lines have laser markers

If yes, what type of production do you mark?

If yes what type of codes are you currently printing?



If yes, what is the primary purpose for marking the bottles?



If “Other” click here to explain the reasoning

In your opinion, will laser-marking devices become standard equipment in the future?



In your opinion, will traceability inside the glass plant become more important in the future?



In your opinion, will customers (filling plants) start requiring laser-marked containers in the future?



Cold End Readers

Are you familiar with the cold end readers used to decode laser-marked containers?



If so, are you currently reading the codes in the cold end?



In your opinion, is it important that all of the inspection machines read the codes?



Will reading the codes and storing the inspection results add value to the containers you make?



In your opinion, will matrix code reading devices become standard equipment in the future?



Cavity / Mold correlation

1 = Not important 10 = Very important

Rate the importance of cavity correlation for checks and wall thickness defects:



Rate the importance of cavity correlation for finish and base defects:



Rate the importance of cavity correlation for sidewall defects:



Do you have sidewall inspection machines that do not provide cavity correlation?

****

Would a standalone sidewall inspection machine capable of reading the mold number and providing cavity correlation be something you may be interested in?

****

Single line conveying and machine configurations

What is your standard percentage of overrun on the cold end single lines? (% above cut rate)

 Enter %

Do you believe inspection machines should be supplied with their own inspection conveyors?



Do you have any preference how inspection equipment is installed in the cold end single lines?



Do you typically use bypass conveyors around your inspection equipment?



Are your inspection machines typically connected to a plant network or plant floor data collection system? 

How often do people compare losses from individual inspection machines installed on the same IS line (balance).



Is it beneficial to view the cold end losses from the inspection machines in a side-by-side comparative view?



Inspection, Defects and sampling capabilities

Please list the defects are the most critical (important) for your factory to reliably detect?

Click here to list defects

Please list the defects that are the most difficult (challenging) for you to reliably detect without losing good ware?

Click here to list defects

How often do you run challenge (defect) samples though the machine?



Do you manually record the results of the sample runs?



Would it be beneficial to automatically store the results of these challenge sample runs?



Where do you see the greatest opportunity to improve cold end inspection equipment?

Please click here to explain