

GLWO Labelling and Printing Project

What is the change?

Current condition:

Due to the technical limitation of the printing solution, customized Labels containing a 2D barcode using the QR code format is printing an extra text line which is displaying the QR code contents. This extra text line is not requested and is not used by the customer.

New condition:

The customized labels will be printed using the new labelling printing application. The customized labels pasted on the inner boxes or outer boxes that are using the QR codes format will no longer contain an extra text line.

The sequence of information and fields remain the same with respect to customer specifications.

Current condition



New condition



Why?

The main benefits are:

- Standardization of labels to align with the original requirement of customer of not printing an extra text line when a QR code is used.

When?

The change will be implemented starting from 7th of October 2021.

How has the change been qualified?

- All customized labels have been printed with the new label design.
- The readability and scannability of label content have been controlled on all labels.

What is the impact of the change?

- **Form:** No change on product
- **Fit:** No change on product
- **Function:** No change on product
- **Reliability or Processability:** NA (Not applicable)

How can the change be seen?

The change will be seen on the outer customized label pasted on the outer box. For inner customized label, it will be seen after the unpacking of the parcel with the inner customized labels pasted on the inner boxes or on the dry bag or tape and reel holder.

Risk Assessment :

Enhancement / Changes description :	Criticality	Identified risk	Considered action
Eliminate the extra readable text of QR code content which is a bug of current application. Extra text line is not requested by customer and is not used	Low	Visual change on the image of label	<ul style="list-style-type: none">- 100% visual check, barcode scanning and verifier grade checking done by four different parties : Xenia Team, DIT Labelling Competent Center, GLWO Systems & Solutions and GLWO Quality. .- All parties to ensure the readability and <u>scannability</u> of the barcodes.- Inform customer on the change

Qualification report

Test name	Conditions	Sample size	Criteria	Results
Visual test	100% visual (readability, clearance, correct content)	2 samples per label (dummy data with maximum characters, live data)	Pass/Fail	Pass
1D scanner test (when label also contains fields with 1D barcodes)	100% scanning of all fields	2 samples per label (dummy data with maximum characters, live data)	Pass/Fail	Pass
2D barcode scanner test	100% scanning of all fields	2 samples per label (dummy data with maximum characters, live data)	Pass/Fail	Pass
Barcode verification	100% grade check on all fields	1 sample per label (dummy data with maximum characters)	Pass/Fail	Pass