

Intermediate label color change on reel from yellow to white for SO/ PSSO line (automotive products) without changing any information on the label.

WHAT is the change?

Current situation:

Due to historical reason, the two colors of intermediate label (only used within ST) stuck on reel holder are used in SO8/SO16/PSSO line for several years.

Yellow label: stick on reels of automotive product.

White label: stick on reels of non-automotive product.

New situation:

Only white color of intermediate label will be used both for automotive and non-automotive product.

Remarks: without changing neither information nor location on intermediate label.

Before change for automotive product



After change for automotive product



WHY?

The main benefits are:

- Keep alignment with other package in Shenzhen plant.
- Improvement of UPH for auto-packing machine.
- Reduction on operator's unnecessary workload of different label-printer selection.
- Prevention of mixing caused by label re-printing.

WHEN will this change occur?

- The change will be implemented three months after PCI sending to customer.
- Change targeted date will be WK50'20.
- Date of first shipment will be Jan-25-2021.

HOW will the change be qualified?

Major steps of the qualification plan are:

- Workability test
- Training for OPT (operator)
- WI update
- Line stressing (Start from WK50).
Note: If result of Line stressing is good, shipment of this lot can be made on Jan-25-2021.

IMPACTS of the Change

Form: No change on product

Only change on intermediate label color on reel from yellow to white for SO/ PSSO line (automotive products) without changing any information on the label.

Fit: No change on product

Function: No change on product

Reliability: No change on product

Processability: No change on product

APPENDICES:

APPENDIX 1 Risk assessment

APPENDIX 2 Qualification plan/Qualification results

APPENDIX 1: RISK ASSESSMENT

#	Risks identified	Potential risk resulting from	Class (Low / Medium)	Considered action
1	Skip 100% VI step for auto product	Not easy to distinguish the automotive and non-automotive products as same label color	Low	<ol style="list-style-type: none"> 1. The existed characters “汽车客户产品 AUTOMOTIVE PRODUCTS” on every page of travelog can help opt to distinguish. 2. Lot can't move to next step that controlled by FW system-
2	Mixing between auto and non-auto product	the intermediate label was wrongly stuck on reel due to carelessness	Low	<ol style="list-style-type: none"> 1. One OC computer only link to one printer and opt (operator) will not bring the wrong label. 2. This mixing can be absolutely detected in next vacuum sealing step, there will be a verification step between intermediate label/bulk label/travelog before vacuum sealing.
3	Mixing within same color	the intermediate label was wrongly stuck on reel due to carelessness	Low	This mixing can be absolutely detected in next vacuum sealing step, there will be a verification step between intermediate label/bulk label/travelog before vacuum sealing.

APPENDIX 2: QUALIFICATION PLAN

Step	Content	Owner	Due day	Status
Workability test	Run 1~2 lots to check if process can be smoothly run	Wu Dong Liang	16'Sep'20	Done with positive result
Line stressing	Run 5~10 lots to check if mixing would happen and check label visual appearance/marketing quality	Hu Qinghua	WK50'20	Ongoing
Training for OPT	Train OPT (operator) to use the white label for all products when loading	Wu Dong Liang/Peng Siling	WK49'20	Ongoing
WI update	Update Packing WI to align the new requirement	Wu Dong Liang	WK50'20	Ongoing