



RSL Failures

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s.Oliver



LEVI STRAUSS & CO.



TESCO

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HUGO BOSS



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Formaldehyde:
180 mg/kg
s.Oliver limit:
75 mg/kg

“ Source of failure:
Binder
→ curing temperature and
–time was incorrect

“ Improvement:
Re-curing of 2.376 pcs. with correct
conditions !

“ Correct action:
Check technical data sheet
& keep the conditions !

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Phthalates:
14000 mg/kg
s.Oliver limit:
1000 mg/kg

“ Source of failure:
Spray-glue, which was used for
fixation of the garment panel on the
printing tabel contains phthalates

2.059 pcs. were affected

“ Correct action:
Make sure that all inputs will not
cause a fail, and check MSDS of
chemicals!

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AZO:
134 mg/kg
s.Oliver limit:
20 mg/kg

“ Source of failure:
Black fabric
→ lining of complete collection !
→ 46.000 pcs.

“ Improvement:
Replace lining with passed one

“ Correct action:
Make sure that your raw materials
aren't contaminated !

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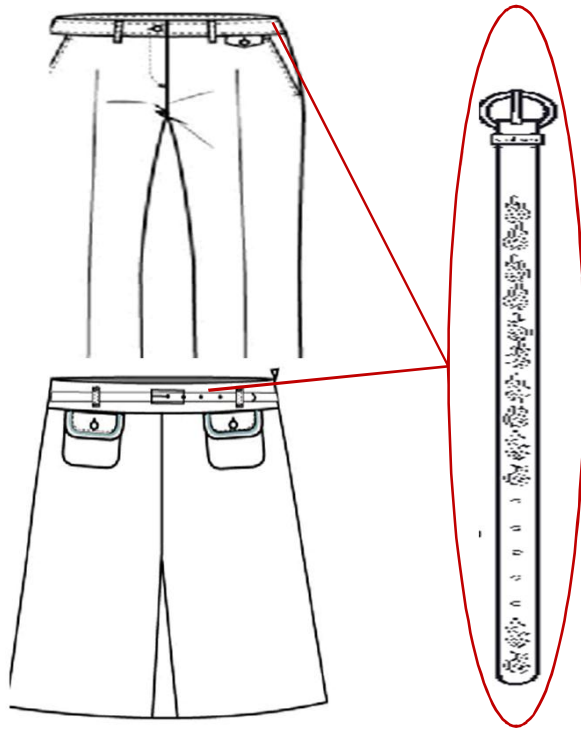
APEO:
9600 mg/kg
s.Oliver limit:
1000 mg/kg

**“ Source of failure:
Washing process
→ NPEO is used as emulsifier in
washing and cleaning agents**

Quantity: 7.380 pcs.

**“ Correct action:
Substitute these chemicals in
cooperation with your chemical
supplier !**

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Phthalates:
1972 mg/kg
s.Oliver limit:
1000 mg/kg

“ Source of failure:
Belt was contaminated & used for
three styles = 30.000 pcs. affected !

“ Improvement:
re-production and replacement of
all belts

“ Other possibility:
removal and cut the price
→ less turnover !