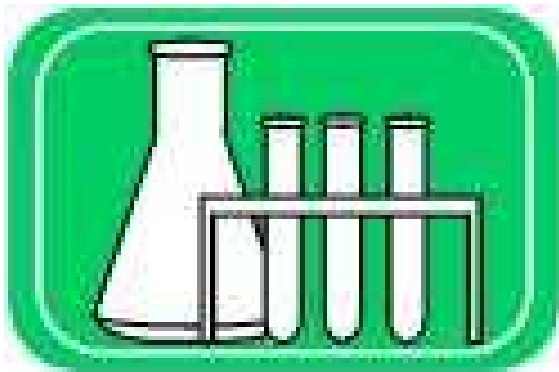


TESTING



Gordon McEwan

Ann Taylor



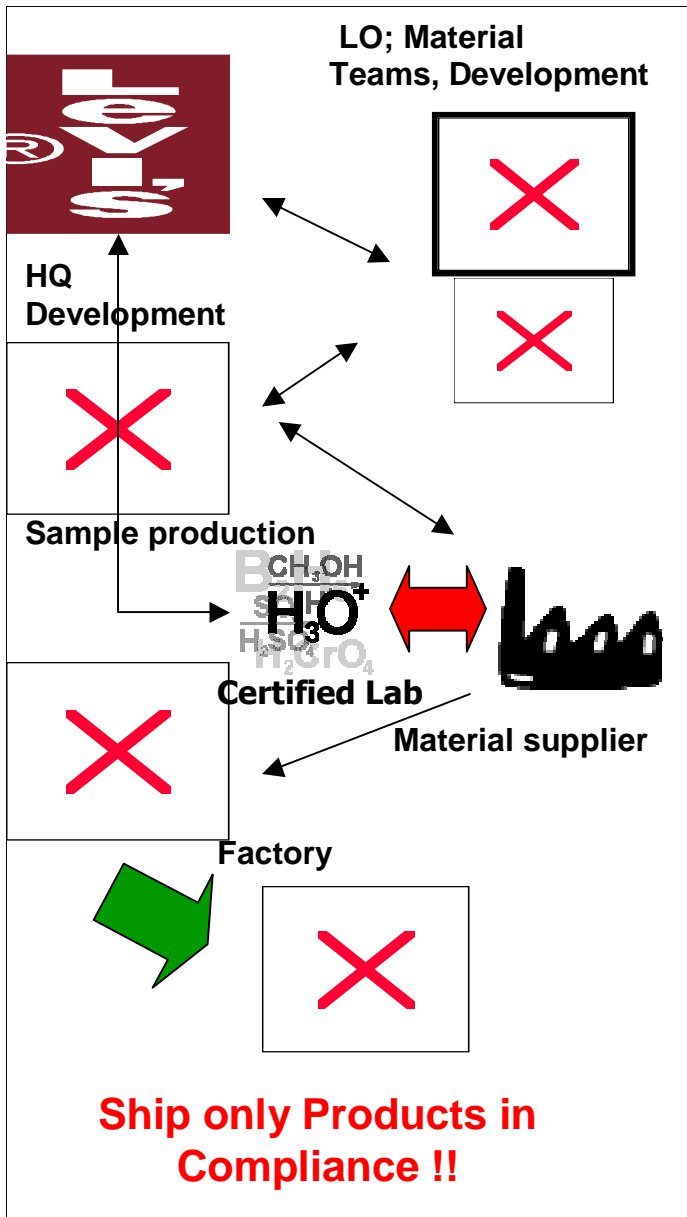
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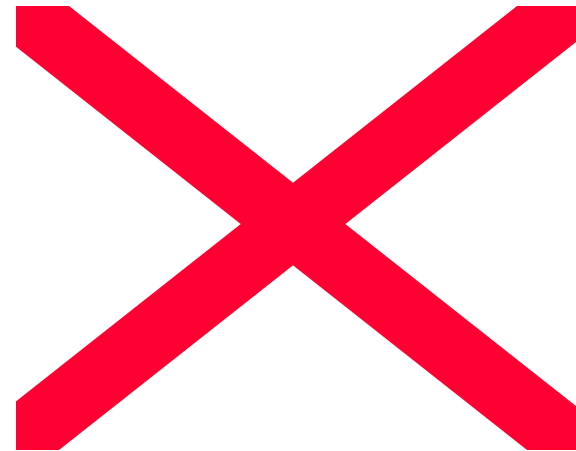
GENERAL PROCEDURE

- Follow the brand's testing procedure
- All materials have to be verified
 - Use accredited labs
- Company RSL must be fulfilled
 - Ship only products in compliance with company RSLs!



TESTING

What is the customer preference for buying textiles?



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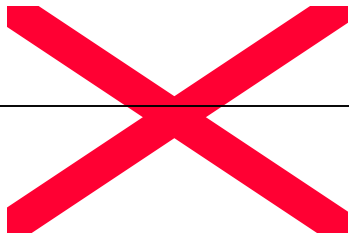
WHY IS IT IMPORTANT TO TEST?

- Consumer safety
- Product safety
- Production safety
- Environment safety
- Workplace and worker safety



TESTING

pH round robin test



5 labs
only one passed

WHO SHOULD DO THE TESTING?

- Labs accepted by the brands
- Labs which are accredited
- Labs which participate frequently in round robin testing

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SPORTSWEAR

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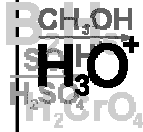
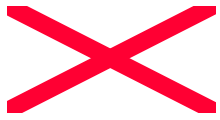
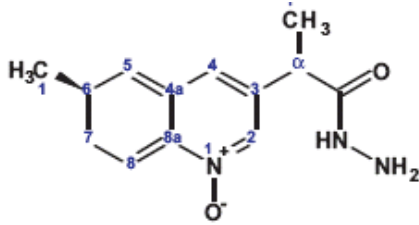


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TESTING



WHEN AND WHAT TO TEST?

- Follow brand RSL requirements
- Be proactive, test to eliminate uncertainties



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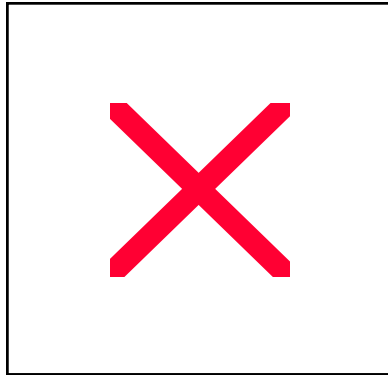
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TESTING GUIDANCE



Keep the balance

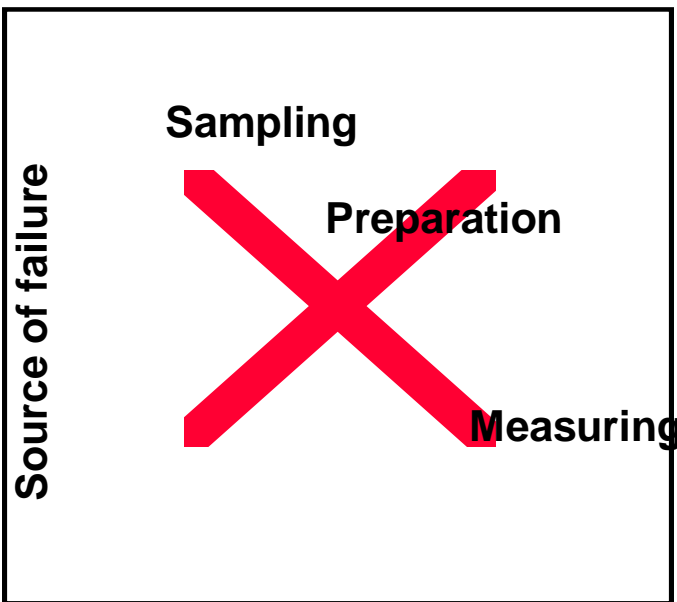
- Use brand specified test methods. If none specified, use internationally recognized test methods.
- In case of questions, do not act on your own. Contact your customer.



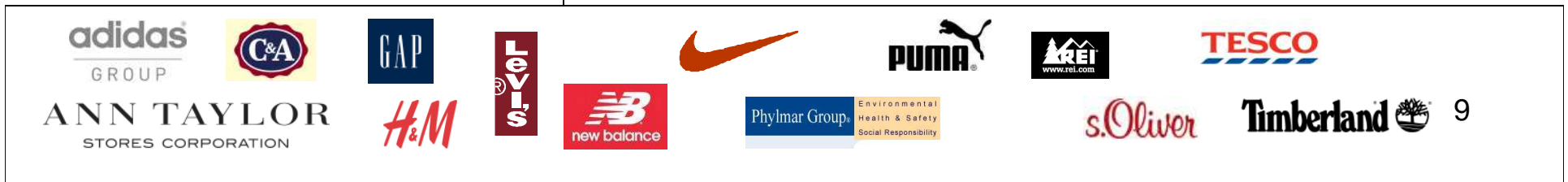


TESTING GUIDANCE

- Every test result is only as good as the technique of taking the sample
 - Poor sampling may cause failures, delays, and increase costs



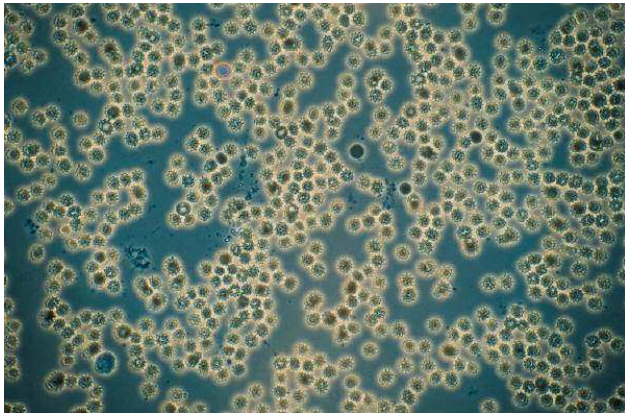
$$\sigma^2_{\text{Total}} = \sigma^2_{\text{Sampling}} + \sigma^2_{\text{Preparation}} + \sigma^2_{\text{Measuring}}$$



TESTING

Example:

- Supplier collected a fresh water sample
- Sent for testing according to potable water guidance
- Failed because it contained 3,000 Coliform bacteria which may lead to serious health effects
- Could have led to needless investment to improve water supply
- Finally found out that the sampling technique was wrong, correct sampling and retesting resulted in acceptable results



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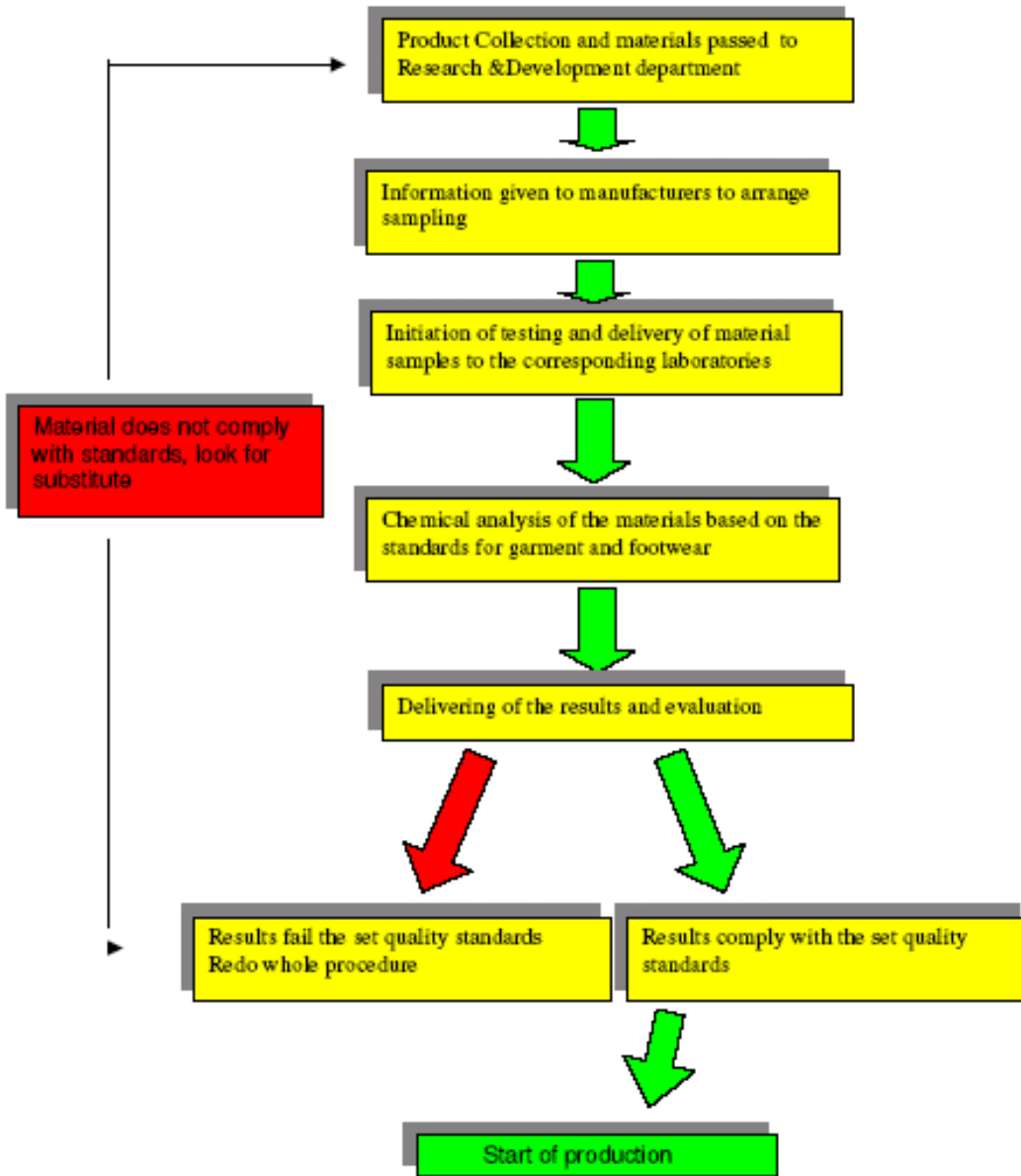


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TESTING GUIDANCE

Before you do the sampling of material, please ask:

- **HOW?** Should I take the sample
- **FROM WHERE?** Should I take the sample
- **HOW MUCH?** Should I take
- **HOW?** Should I prepare the sample
- **HOW?** Should I send the sample



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