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# Textile & Colour Quality

In a Sustainable and Ecological Environment



# Introduction

- Are Quality and Ecological considerations compatible
- What is quality?
- Is quality?
- Measurement of Quality, EN and ISO Standards
- The impact on quality of the raw materials?
- The cost of quality?
- Can quality positively influence sustainable and ecological factors?



# So what is Quality?

- Does our understanding of Quality depend on the context in which it is applied?



# Perceived Quality





- ISO -CEN



# Quality Management Systems





# Measurement of Quality

- The use of the word quality is in itself without meaning, quality can be good bad or indifferent.
- If we substitute 'Fitness for purpose' it is then possible to determine what we need to measure 'test' and more importantly, what we do not need to measure.
- The role of the SDC in test development
- ISO, CEN
- None Standard Tests
- Safety
- Environmental
- None Colour (physical tests)
- Participation & Education



# Suppliers

- Do we inspect or test the materials supplied to us
- Fabric Source
- Dye and Chemical Supply
- Energy Supply
- Water
- Labour





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# The Customer







# The Cost of Quality

- Quality, The sales prevention department
- OR
- The hidden profit department



# Environmental Quality?

- Improvement in quality and quality control of processing, not the final product, can have a small impact on the environment and sustainability by reducing reprocessing or corrections to colour
- A more holistic approach crossing the boundaries of the different parts of the textile industry is needed involving suppliers, converters, garment makers and Retail working together to reduce the total impact



# Conclusion

- The colour application industry has been traditionally perceived as the polluter of the otherwise beautiful textile world.
- Our industry is at the mercy of our customers
- We need to educate our customers. The SDC is taking up the challenge
- We need consistency of supply
- We need a stable customer base
- We need to be allowed to use the technology available to us
- Freedom to select the ideal dyes and application methods to meet all the parameters demanded of us.
- RIGHT FIRST TIME, applies to the whole of the textile industry not just the dyer



- The Society of Dyers and Colourists
- The Servants of Colour.
- [www.sdc.org.uk](http://www.sdc.org.uk)