

Appendix

C41 Accreditation Check List

Company Information

Company Name	
Laboratory / Factory Address	
Names of operatives to be accredited	1.
	2.
	3.
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	10.
	11.
	12.
Accreditation Company	
Name of Accreditor	
Date of accreditation	

Machinery

Spectrophotometer model	Serial No.	Software	Date of last service/calibration	Service Contract Y/N

Conditioning Cabinet	Serial No.	Date of last service	Calibration certificate Y/N

Machinery, Testing and Record Keeping Checklist

Machinery and Software	✓	X
Are all spectrophotometers listed above on the recommended list?		
Have all spectrophotometers been serviced prior to accreditation and certificate issue?		
Are all measuring spheres clean and in good condition?		
Is CMC2:1 colour difference equation on all machines?		
Is the conditioning cabinet functioning within specification?		
Have the conditioning cabinet bulbs been replaced within the last year prior to accreditation?		
Is there an M&S accredited light box (see C01)?		
Tiles, Tests and Record Keeping		
Is the black trap clean and in good condition?		
Is the white tile clean and in good condition?		
Are the coloured tiles clean and in good condition?		
Is remote system monitoring software regularly used to check the spectrophotometer ie. Guardian?		
If no, Confirm coloured tiles were re-characterised at time of spectrophotometer recalibration.		
Do records of supplier's fortnightly checks demonstrate consistent compliance for colour stability and short term drift?		
Did the spectrophotometer pass the accreditor's on-site tile test?		

Demonstration Checklist

Set-up	✓	X
Can the operator(s) demonstrate that they know the correct set-up as specified in the test method?		
Can the operator(s) set up the software correctly (UV inc, Specular inc, correct aperture and illuminants)?		
Can the operator(s) calibrate the machine with the white tile and black trap?		
Are any of the machines UV characterized for white measurement?		
If yes, Can the operator(s) demonstrate they know the correct set up for white measurement as specified in the test method?		
Standard Selection, Conditioning and Measurement		
Can the operator(s) demonstrate how to condition fabric?		
Can the operator(s) demonstrate selection/downloading (CIS) of standard data files?		
Can the operator(s) demonstrate how to present fabric to the spectrophotometer and measure it as specified in the test method?		
Colour Difference Printouts and Decision Making		

Can the operator(s) demonstrate selection of the appropriate colour equation and illuminants?		
Does the colour difference print out contain the correct information as specified in the test method?		
Does the colour difference print out contain the M&S 'General' pass/fail tolerances?		
Can the operator(s) demonstrate knowledge of product specific pass/fail tolerances?		

Accreditation Results and Actions

Pass/Fail

Reasons for Failure:

Actions required:

Date of re-accreditation:

Accreditor Comments: