CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2022
DateRun:	06/24/2022
Experimenters:	Tatyanna Moreland Junior, Alexander Symko
ClientType:	Cleaning Equipment Mfr
ProjectNumber:	Project #1
Substrates:	Wood, Vinyl Composite Tiles, Granite
PartType:	Coupon
Contaminants:	Dirt, Fibers, Food
Cleaning Methods:	Manual Wipe
Analytical Methods:	Visual, Wipe
Purpose:	To test the efficiency of the Deep Clean Mop Head on DCC-17, dirt, and pet hair.
Experimental Procedure:	Two sets of wood, granite, and laminate surfaces were prepared for the mop test. One set was covered in a thick layer of pet hair and dirt. The other set was soiled with DCC-17 (a melt blend of 33% vegetable shortening, 33% lard, 33% vegetable oil and 1% carbon lampblack) and allowed to dry for 24 hours. The mop head was dampened and wrung out, using the blue side to wipe. The surfaces covered in pet hair and dirt were wiped over once with the dampened mop head. The surfaces covered in DCC-17 were wiped over 5 times to remove the contaminant. Since the surfaces that were cleaned were meant to simulate mopping on a floor, the substrates were too large to weigh and be gravimetrically analyzed. Thus, visuals of the surfaces were recorded before and after cleaning.
Results:	Little to no pet hair with dirt remained on all three types of surfaces after just one swipe using the mop head. After 5 swipes of the mop head on the substrates soiled with DCC-17, little to no remaining soil was observed.
Summary:	
Conclusion:	The Deep Clean Mop Head was very effective at removing both pet hair with dirt and DCC-17 from wood, granite, and laminate.