CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2020

DateRun: 08/19/2020

Experimenters:

ClientType:

ProjectNumber: Project #1

Substrates:

PartType: Coupon

Contaminants:

Cleaning Methods: Manual Wipe

Analytical Methods:

Purpose: To evaluate the effectiveness of alternative cleaning technologies in comparison to conventional disinfecting spray.

Experimental Procedure: Pre-weighed coupons, three of each substrate for each product, were contaminated with 0.5grams of Hucker's soil and air dried for two hours. Dirty weights were taken before placing three of the same substrate on the SLW Unit. The coupons and a Wypall paper towel attached to the SLW sled were treated with two sprays each of the cleaner. Coupons were cleaned for 20 cycles (equal to 30 seconds of cleaning), and final weights were taken the next day after air drying.

Results:

Cleaner	Substrate	Initial wt. of cont.	Final Wt. of cont.	% Cont Removed	Average % Removal	Overall % Removal
409	Carpet	0.51	0.26	48.57	62.73	77.86
		0.54	0.20	62.16		
		0.57	0.13	77.46		
	Stainless Steel	0.23	0.06	71.34	78.37	
		0.18	0.02	89.11		
		0.22	0.06	74.66		
	Painted Metal	0.25	0.02	93.87	92.47	
		0.24	0.03	87.57		
		0.29	0.01	95.97		
Skrubbr Multipurpose Cleaner	Carpet	0.51	0.17	65.80	55.32	76.84
		0.79	0.46	42.09		
		0.54	0.23	58.07		
	Stainless Steel	0.21	0.03	86.82	83.41	
		0.21	0.05	75.99		
		0.24	0.03	87.43		
	Painted Metal	0.25	0.01	97.50	91.79	
		0.21	0.01	94.24		
		0.20	0.03	83.63		

Summary:

Substrates:					
Contaminants:					
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Clorox Company	409 (Multi-Surface Cleaner)	100%	77.86	☐	
KOHI Plus	Skrubbr Multipurpose Cleaner	200 ppm	76.84	☑	

Conclusion: Skrubbr Multipurpose Cleaner is as effective as 409 cleaner.