



# Sample Form Utilizing 3M Products Evaluation Form for Environmentally Preferable Documentation

The chart below is intended to assist you with creating defined and measurable criteria for meeting your Environmentally Preferable requirements, through alignment with Executive Order 13101. For more information regarding definitions and criteria for compliance, go to: <http://www.ofee.gov/eo/13101.asp>.

Describe Desired Outcome or Process Improvement	Describe Current Product or Procedure in Terms of Today's Consumption or Waste	Describe New Product or Procedure in Terms of Reduced Consumption or Waste	Measurement used to Validate Reduction (e.g. fewer gallons, visual inspection, 3rd party certifier, etc.)	Documentation of Reductions in Consumption or Reduced Effects Achieved	3M Test Results	If Applicable: What is being Reduced or Eliminated?

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1. <b>Example:</b> Reduce disinfectant consumption and amount of disinfectant entering waste stream	Disinfect 3 rooms by mop and bucket and then pour remainder down drain. Repeat for all patient rooms	<b>3M™ Easy Scrub Flat Mop System</b>	_____ fewer gallons of disinfectant consumed on a monthly basis	1. Purchase of disinfectant reduced by \$ _____ 2. Estimate _____ less gallons of disinfectant poured down drain on a monthly basis	Cut chemical waste by as much as 80%	
2. <b>Example:</b> Reduce dust in facility	Dust floors with traditional dust mops	<b>3M™ Easy Trap Duster</b>	Visual inspection shows a _____ % increase in the amount of dust picked up via new dusting procedure	Area has noticeably less dust	Trap and holds 6 times more dust, dirt, sand and hair versus traditional mops and other disposable dusting systems	Reduction in dust.
3. <b>Example:</b> Substitute water as a spot cleaner vs. various chemical spot cleaners	Currently use: General Purpose Cleaner, Glass Cleaner and Degreaser for spot cleaning	<b>Scotch-Brite™ Easy Erasing Pad</b> used with water	Weekly or monthly reduction in quarts of cleaning chemicals being consumed	1. Purchases of Degreaser, Glass, and General Purpose Cleaners reduced by \$ _____ per month, quarterly or annually	Erase marks without scouring and scratching, no sprays or cleaner necessary	1. Less worker exposure to cleaning chemicals 2. Less chemical cleaning residue into waste stream
4. <b>Example:</b> a. Reduce odor during floor finishing process b. Reduce floor finish consumption and amount of finish entering waste stream	Apply Floor Finish with traditional mop and bucket	<b>3M™ Easy Shine Applicator System with 3M™ TopLine Floor Finish</b>	Floor personnel surveyed regarding odor of new process vs. old process	1. Surveyed "x" number of staff regarding: _____ Better, _____ Same, or _____ Worse Odor with new 3M Floor Finish system 2. Reduction in _____ Floor Finish gallons purchased annually	Reduce finish usage by up to 35%	1. Employee and patient exposure to odors 2. Less floor finish dumped into waste stream by _____ gallons annually
5. <b>Examples:</b> a. Reduce amount of dirt and dust entering building b. Reduce frequency of floor maintenance required	Standard matting	<b>3M™ Nomad™ Entryway Matting System</b>	1. Up to _____ % more dirt and particulate matter removed from foot traffic than other types of matting 2. Visual inspection of dirt quantity removed from 3M™ Nomad™ Entrance Matting System during cleaning is greater than removal from old mat	1. Scrub and recoating of floor performed less frequently due to reduction of floor finish being scratched by dirt, sand, etc. 2. Prior to 3M™ Nomad™ Entrance Matting System scrub and recoat performed _____ times annually, now _____ times annually	A combination scraper mat and carpet mat entry system can remove up to 10 times more dirt than just a carpet mat alone	1. Reduction in floor maintenance procedures lessens overall chemical and energy consumption 2. Reduced amount of chemicals into waste stream
6. <b>Example:</b> Reduce odor during floor finishing stripping procedure	Use traditional floor stripper with unpleasant odor and 10-15 minute dwell time	Strip floor finish with <b>3M™ Floor Stripper LO Concentrate 22H</b> with 5 minute dwell time	1. Survey floor crew for expert input on _____ % change versus traditional process 2. Survey nursing staff for _____ % change versus traditional process	Document survey results with sample size greater than 13 people	Low-odor, low-foaming, five-minute stripper	Employee, staff, clients and visitors are exposed to unpleasant odors

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7. <b>Example:</b> Enhance floor recoating appearance by reducing rework of floor stripping procedure	Use traditional floor stripping pad with ineffective floor finish removal	Strip using <b>3M™ High Productivity Stripping Pad 7300</b>	1. Visual inspection by floor crew estimating the ____% reduction on number of restripping and ____% less time versus traditional process	Document survey results with sample size greater than 13 people	Heavy finish build-up, quick stripping and stain removal. Up to 4 times more aggressive when stripping finish	Less unnecessary use of water, chemical, labor and area downtime due to more efficient process
8. <b>Example:</b> Reduce dust generation from floor burnishing procedure while increasing mark removal efficiency	Use traditional floor burnishing pad that requires many passes and generates large amounts of dust	Burnish using <b>3M™ Eraser™ Burnish Pad 3600</b>	1. Visual inspection by floor crew estimating the ____% reduction in dust generation and ____% increased mark removal versus traditional process 2. Reference 3M published claims (more than 50% less dust generation and up to 6 times faster mark removal versus traditional methods)	Document floor crew estimates or default to 3M test data results	More than 50% less dust generation and up to 6 times faster mark removal	Reduce particulate from interior building environment
9. <b>Example:</b> Reduce cleaning time while reducing damage to surface being cleaned	Use traditional hand pad that requires a number of passes and generates more surface damage	Remove soil using <b>Scotch-Brite™ Power Pad No. 2000</b> and/or <b>Scotch-Brite™ Power Sponge No. 3000</b>	1. Visual inspection by housekeepers estimating the ____% reduction in cleaning time and ____% reduced surface damage versus traditional process 2. Reference 3M published claims (scours up to 4 times faster and up to 8 times less scratches)	Document housekeepers estimates or default to 3M test data results	Scours up to 4 times faster and up to 8 times less scratches	Reducing time and surface damage reduces the cost of cleaning and premature surface replacement
10. <b>Example:</b> Standardized dilution system for housekeeping needs	Use traditional manual mixing for majority of cleaning solutions	Implement <b>3M™ Twist 'n Fill™ Chemical Management System</b> <b>3M™ CompuBlend™ II Cleaning Chemical System</b>	Monthly reduction in gallons/containers of cleaning chemicals being consumed	1. Purchases of housekeeping cleaning chemicals reduced by \$ _____ per month, quarterly or annually	Dispenses the correct ratio of chemical with water to produce a ready-to-use cleaning product that can save up to 50% over manual dilution methods	Workers are safer, cleaning chemical mixing is easier, less wasteful and lower cost; far more flexible with less risk to the environment
11. <b>Example:</b> Standardized "Green Cleaning" procedural system for housekeeping needs	Use traditional technique of supervisor training of employee without written procedural documentation	<b>3M™ S.M.A.R.T. Training Program</b>	1. Track ____% competency and subject matter by employee	Documented "Best Practices" cleaning processes for organization	Simplify and standardize your employee training	Reduced operator error with higher efficiency and employee satisfaction
12. <b>Example:</b> Reduce the number of floor pads used and the quantity of floor pads entering the waste system	Use floor pads 1-2 times and then discard	<b>3M™ Floor Pads</b> —rinse and reuse floor pads until they are 3/8" thick or less before discarding	____ fewer cases of floor pads used on a monthly basis	1. Purchases of floor pads reduced \$ _____ per month 2. Estimate ____ less cases of floor pads discarded on a monthly basis	Longer life from up to 5 times more durable on burnishing pads, up to 25 times more durable for blue scrub pads	Less floor pads being incinerated or sent to waste dump

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<p><b>13. Example:</b> Provide effective food soil removal and cleaning while</p> <p>a. Reducing pad replacement or disposal;</p> <p>b. Reducing cleaning time;</p> <p>c. Reducing overall costs in pad replacement.</p>	<p>Using traditional hand pad that requires a number of passes to remove and clean food soil</p>	<p>Remove soil using <b>Scotch-Brite™ General Purpose Scour Pad No. 96</b>, <b>Scotch-Brite™ Heavy Duty Scour Pad No. 85</b>, and <b>Scotch-Brite™ Extra Heavy Duty Pot'n Pan Scour Pad No. 88</b></p>	<p><i>French Washing Machine and Mechanic Push-Pull WearTest</i>            Scotch-Brite Scour Pads consistently showed superior durability compared to competitive scour pads when tested for long-term durability</p> <p><i>Food Soil Test</i>            Scotch-Brite Scour Pads remove twice as much baked-on food as the competitive hand pads</p> <p><i>Schiefer Cut Testing</i>            Scotch-Brite Scour Pads are more aggressive than competitive pads. Both initial cut, and cut over the pad life is up to seven times higher than that of competitive scour pads</p>	<p>3M Technical Bulletin Number: TB-HP-5002            Date: October 15, 2004</p>	<p>Machine and Mechanic Push-Pull WearTest            Scotch-Brite™ Scour Pads consistently showed superior durability compared to competitive scour pads when tested for long-term durability</p> <p>Food Soil Test Scotch-Brite™ Scour Pads remove twice as much baked-on food as the competitive hand pads</p> <p>Schiefer Cut Testing Scotch-Brite™ Scour Pads are more aggressive than competitive pads. Both initial cut, and cut over the pad life is up to 10 times more durable than standard conventional medium-duty scour pads</p>	<p>Higher durability allows for higher productivity in cleaning operations, and lower overall costs in pad replacement or reducing pad disposal</p> <p>Higher scour pad aggressiveness allows for higher productivity in cleaning operations by reducing the amount of hand pressure and amount of time needed to perform cleaning</p>
<p><b>14. Example:</b> Convert stainless steel cleaner to water based emulsion formula</p>	<p>Today we purchase traditional stainless steel cleaner in gallon containers and manually fill trigger sprayers</p>	<p>Purchase <b>3M™ Stainless Steel Cleaner</b></p>	<p>Example: Eliminate purchase of ____ gallons of traditional product per month represents a reduction of ____ pounds of petroleum disilates (50% by weight petroleum disilates)</p>	<p>Quarterly review of purchases</p>	<p>Less than half the allowable limit of VOC as permitted by the California Air Resource Board (CARB) VOC Regulations</p>	<p>Exposure of employees and customers from petroleum disilates dispensed into the air</p>
<p><b>15. Example:</b> Convert to liquid griddle cleaning system</p>	<p>Today we purchase the traditional grill brick</p>	<p>Purchase <b>Scotch-Brite™ Quick Clean Griddle System</b></p>	<p>____ fewer grill bricks were purchased in the past quarter</p>	<p>Quarterly review of purchases</p>	<p>Cleans in half the time of traditional griddle cleaning products</p>	<p>Exposure of employees and customers to offensive odors. Fewer employee burns and injuries</p>

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