Annex A-3 Cleaning Matrix

Area	Item	Cleaning operation	Daily	Weekly	Monthly	3 Months	6 Months	Yearly	Other
Janitorial Services									
	Walls, doors and windows at street level	Remove graffiti and posters Clean						X	
	Window wells and airways	Clean window and airways			X				
Exterior Surfaces – General	Steps, landings for entrances doors	Clean steps, and landings		X					
	Aluminium fittings, signs, name plates, plaques, latches, pull handles, push and kick plates	Clean and Polish		X					
	Glass & sashes in entrance sidelights			X					
	Marble, granite, glazed walls & columns in entrance areas	Clean and wash					X		
	Hydraulic dock levellers and garbage lifts at loading bay & print shop	Clean			X				
Exterior Surfaces	Patio furniture on the deck adjacent to the dining room	Clean	X						When installed; approximately 6 months per year
	Grounds cleaning	Pick up litter within 20 feet of building							
	Walkways & courtyard area to roadway and rest of property	Sweep and keep clean of litter							
	Snow and Ice Removal	Perform as per spec							
	Salting and sanding	Perform as per spec							
	High ledges, tops of cabinets, partitions, doors, exposed pipes, etc.	Dust and wipe		X					
	Ledges, tops of partitions, pipes over 1.8 metres high	Dust & wipe							
	Fire hose cabinets, display areas	Spot clean,		X					
	Fire extinguishers	Dust & Damp wipe			X				
	Radiators	Dust and damp wipe			X				
	Walls, partitions, baseboards, doors, door frames, kick plates, hand plates & latches	Spot clean, dust.			X				
	Ledges and mouldings	Dust		X					
	Ceiling	clean						X	
	Ceiling air diffusers, air intake grills	clean				X			
	Drinking fountains & owned water coolers	Wash and disinfect with odourless product	X						
	Pictures, murals, clocks	Clean			X				
	Counters	Damp wipe & polish	X						

Interior Services- General

Dry garbage	Remove from building, with the exception of the Galley and place in exterior receptacles. Includes managing the cardboard Bailer.	i X						
	Dust & wash containers		X					
Hallway recycling centres (recyclables, compost, cardboard, etc.)	Remove trash bags from building and place in appropriate exterior receptacles Wet Dry	X	X					
Windows and class partitions including fire doors	Spot clean & remove all foreign substances		X					
Windows and glass partitions including fire doors	Wash both sides of glass				X			
Interior Windows in buildings without fall arrest.	Clean interior surfaces of the inner window						X	
Exterior Windows in buildings	Clean interior and exterior glass surfaces of the inner window and the interior glass surface.							As requested by the Property Manager
Light Fixtures	Remove insects, debris and wash the fixture and tubes				X			
	Vacuum and pick up litter		X					
Carpets	Spot clean, report spots that require special clean products		X					Report to Property Manager
	Steam clean						X	
	Sweep	X						
	Damp mop to remove spillage	X						
	Remove gum and other foreign residue	X						
Floors in Cabot and level 100 tunnels + level 100 of D'Iberville	Machine scrub floors						X	
	Wash & disinfect	X	X					Once per week from April to November and daily from December to March
	Sweep using dust control method	X						
	Damp mop to remove spillage	X						As required
Concrete floors level 100, St. Laurent, loading dock, machine shop and PW storage area	Remove gum and other foreign residue	X						
and I w storage area	Machine scrub floors					X		
	Wash & disinfect			X				
	Supply & install correct size plastic bags	X	X					Wet =daily; dry = weekly or as required
Hallways recycling and garbage centers	Empty & damp wipe exterior	X	X					Wet =daily; dry = weekly or as required
	Wash & disinfect	X	X					Wet =daily; dry = weekly or as required
	Vacuum	X	X					Once per week from April to November and daily from December to March
	Supply and install at entrances							October 1 to April 30
Walk-away mats. Fabricated of nylon fiber on rubber back, nontoxic dirt absorbent & have water retention of 3.41 liters of H ₂ O	Clean in designed area	X	X					Once per week from April to November and daily from December to March

			-					•
		Removed clean floor & reinstall	X	X				Once per week from April to November and daily from December to March
		Shampoo all mats			X	X		Monthly from December to March then every 3 months
Squash Court and Gymnasium	Hard Floors	Sweep and keep clean of litter	X					
. 1		Wash and remove scuffs		X				
	Floor	Sweep and wet mop		X				
	Sinks	Wash & disinfect		X				
Janitor Rooms	Mops	Washed clean and stored	X					
	Equipment & supplies	Keep clean & stored neatly		X				Must use WHMIS Sheets
	Walls & shelves	Wash				X		
Contractor's Space	Room	Maintain		X				
Workshop, Multi-purpose areas		Wet or dry scrub and refinish					У	ζ
	Flooring	Sweep, remove foreign residue & spills	X					
		Strip & reseal all floors as requested					Σ	ζ.
		Wet or dry scrub and refinish					Σ	ζ.
Classrooms	Flooring	Sweep, remove foreign residue & spills	X					
		Strip & reseal all floors as requested					y	ζ
Stairs and Landings		Sweep and keep clean of litter & foreign residue	X					
	General cleaning	Dust handrails, vertical grills, baseboards, stringers and ledges		X				
		Damp mop from basement to 3 rd level		X				
		Strip and refinish where possible					Σ	ζ
	Handrails	Wipe and Polish		X				
	Carpets	Vacuum		X				
		Spot clean		X				
		Steam clean					Σ	K
Elevators	Floors, walls, ceiling and light fixtures, doors and frames	Clean	X					
	Door sill and track grooves in cab & all landings	Scrape, vacuum clean		X				
	Elevator Mats	Sweep and/or vacuum		X				

		Sweep, vacuum & keep clean of litter	X						
	Floors	Damp mop and spray buff	X						
	1.00.0	Wax					X		
		Remove salt, sand and water	X						
	Walls	Spot clean							As required
Entrances, Lobbies, Vestibules & Foyers	w diis	Wash						X	
	Foot grills, recessed pans and mats	Clean, vacuum & remove foreign residue	X	X					Once per week from April to November and daily from December to March
	Directory Board glass & frame	clean							Monday and Thursday
		Vacuum - biweekly							Tuesday, Thursday
	Carpets	Spot clean		X					As required
		Steam clean							As requested by Property Manager
Laboratories excluding the simulator lab in rooms 1203 and 1205		Sweep, damp mop using dust control		X					
		Spray buff traffic areas			X				
	Floors	Wet or dry scrub and refinish				X			
		Extra strip & refinish							As requested by Property Manager
		Wax				X			
		Strip and Refinish							As requested by Property Manager
	Active Storage Space Floors (Stores in Cabot building)	Sweep			X				
	riouve storage space rioons (stores in Casoc banding)	Wash						X	
	Dormant Storage Space	Sweep & wash							Inspect every second month and report to Property Manager
	Horizontal surfaces	Dust		X					
	Telephones & intercom instruments	Dust		X					
	Boardroom & executive furniture	Dust & remove finger marks and stains		X					
	Telephone & Electrical Room	Sweep all floors under supervision							As requested by Property Manager
	Mirrors, windows and glass doors	Clean and polish	X						
	Electronic equipment	Dust			X				
	Stacks and shelves	Dust			X				
	Pictures & Wall hangings	Dust (exclude paintings & art objects)		X					
	Walls	Spot clean		X					
	Vertical surfaces	Dust and remove stains		X					

	Free standing screens (flip boards, white boards, and electronic boards)	Dust				Σ	X	
Furniture and fixtures	Boardroom & executive furniture	Clean & polish		X				
	Boardroom Highland ,Boardroom (117) and Administration Boardroom (2029)	Clean & polish	X					
	Lockers and storage cabinets	Dust tops			2	X		
	Boot trays and boot shelves	Wash during inclement weather		X				From December to March only.
	Upholstered furniture	Vacuum			X			
	All glass & furniture covers	Remove, clean & reinstall			X			
	Display cases	Clean & polish both sides				Σ	X	
	Leather products in executive offices, boardrooms & waiting areas	Clean using approved leather, vinyl & leatherette upholstered product				Σ	X	
	Upholstered free standing screens	Vacuum				7	X	
	Desk Wells	Dust ledges inside				Σ	X	
	Vanation Dlinds & duomos	Vacuum			2	X		
	Venetian Blinds & drapes	Dry cleaning service						As requested by Property Manager
Staffed Offices		Spot clean	X					
	Carpets and rugs	Vacuum traffic lanes		X				
*These tasks will be performed during evening hours when offices are not occupied	Curpets and rags	Steam clean					3	X
		Dust and sweep	X					
		Spray buff		X				
	Hard Floors	Spot clean		X				
		Wash		X				
		Wax						As requested by Property Manager
		Vacuum upholstered furniture		X				
	Furniture	Dust and damp wipe horizontal and vertical surfaces			X			
	Dackage	Dust exposed areas including edges of books		X				
	Bookcases	Clean and Polish glass doors		X				
Public Washrooms	Washrooms patrol	If plumbing repairs are required - notify Property Manager in case of problem	X					
		Supply solution & service wall mounted drip units as per schedule for fixtures	X					
The tasks must be performed once per day for each of the public washrooms except for the washrooms detailed below	Floors	Scrub and disinfect with germicidal detergent	X					

		Reseal Ceramic Tile	L	Ш	Σ	ζ	
		Flush floor drains	X	Ш			
		Wash and disinfect drain covers		X			
		Machine scrub with germicidal solution		X			
		Strip, refinish floors & wax			Σ	K	
	Toilet seats, bowls, urinals, wash basins	Clean & disinfect with germicidal detergent	X				
	Toilet bowls and urinals	Descale		X			
	Body contact points (e.g. water taps, receptacles, dispensers, door plates, toilet seats and flush valves, etc.	Disinfect and shine	X				
	Flush tanks, dispensers, receptacles, mirrors, shelves, ledges & exposed piping	Dust and clean	X				
	Sani-cans	Empty, wash, disinfect and replace bags	X				
	Toilet partitions, partition doors & ceramic walls	Damp wash both sides germicidal detergent		X			
	Walls	Wash and disinfect & remove graffiti		X			
	Waste paper	Remove and discard	X				
	Soap, toilet paper, sani-bags, paper towel, etc.	Supply & replenish supplies as required	X				
	Refuse receptacles (may be lined)	Wash and disinfect (Contractor may supply plastic liners, in which case washing & disinfecting need only be done monthly.)	X				
	Ceilings	Wash with germicidal detergent				X	
Public Washrooms		If plumbing repairs are required - notify RPSS	X				Twice daily; morning and afternoon
	Washrooms patrol	Supply solution & service wall mounted drip units as per schedule for fixtures	X				
For the following washrooms these tasks must be done twice per day (early morning and mid-afternoon)		Scrub and disinfect with germicidal detergent	X				
		Reseal Ceramic Tile				X	
Room numbers in Cabot: 1703, 1705, 2404, 2406, and the three bathrooms in the administration wing (end of the building)	Floors	Flush floor drains	X				
		Wash and disinfect drain covers		X			
Room numbers in Alert: FF212 and FF213		Machine scrub with germicidal solution		X			
D117 and D118		Strip, refinish floors & wax			Y	ζ	
	Toilet seats, bowls, urinals, wash basins	Clean & disinfect with germicidal detergent	X	Ш			
	Toilet bowls and urinals	Descale		X			
	Body contact points (e.g. water taps, receptacles, dispensers, door plates, toilet seats and flush valves etc.	Disinfect and shine	X				
	Flush tanks, dispensers, receptacles, mirrors, shelves, ledges & exposed piping	Dust and clean	X				
	Sani-cans Sani-cans	Empty, wash, disinfect and replace bags	X				
	Toilet partitions, partition doors & ceramic walls	Damp wash both sides germicidal detergent		X			

	Walls	Wash and disinfect & remove graffiti		X			I	1
	Waste paper	Remove and discard	X					
	Soap, toilet paper, sani-bags, paper towel, etc.	Supply & replenish supplies as required	X					
	Refuse receptacles (may be lined)	Wash and disinfect (Contractor may supply plastic liners, in which case washing & disinfecting need only be done monthly.)	X					
	Ceilings	Wash with germicidal detergent					X	
	Waste Receptacles	Empty	X					
	Lockers	Dust including tops			X	(
	Lockers	Wash exterior				X		
		Sweep, wash, disinfect & remove foreign residue	X					
		Scrub duck boards using disinfectant	X					
		Wet or dry scrub & refinish wax			X			
	Fl(ildil)	Machine scrub					X	
	Floors (including shower area)	Strip and Refinish				X		
Locker Rooms		Flush floor drains	X					
Locker Rooms		Wash and disinfect drain covers	X					
		Reseal Ceramic Tile			X	ζ.		
		Spot clean remove all foreign matter	X					
	Walls	Dust				X		
		Wash					X	
	GI.	Scrub and disinfect all surfaces	X					
	Showers	Shine all fixtures	X					
	Shower floors walls & curtains	Wash, using soap free detergent containing sequestering agents & rinse	X					
	Floors	Strip and refinish					X	
		Spot clean	X					
	Carpets and rugs	Vacuum		X				
		Steam clean					X	
	W. H. J. C. J. J.	Spot clean	X					
	Walls, doors, partitions & exterior of cupboards	Wash					X	
		Sweep, wash & buff	X	寸			Ī	
		Spot clean	X	寸				
	Floors	Wet or dry scrub and refinish		T	X			
Satellite / Mini Galleys, Dining Rooms, Lunchroom, Rest areas and Lounge		Strip and Refinish		T		X		
		Vacuum upholstered furniture		X				
	Furniture	Vertical dust		X		Ī		

	1 urinture	Horizontal dust		X		I	I	
		Clean and Polish		X	_	1	十	
	Garbage cans & paper receptacles	Empty & replace plastic bags	X	_				
		Wash	X					
	Furniture, tables, chairs, sinks, entire area	Patrol	X				Т	
	Soap, paper towels	Supply and replace	X				Т	
Main Dining Room and banquet room (Simcoe) and serving area.	Tables and chairs	Wiped down clean directly after each meal	X				Т	Three times daily; after each meal
	Windows, ledges & dispensing equipment	Cleaned after each meal	X				Т	Three times daily
On average, the Simcoe Room is used for approximately 3-4 meals per	FI	Sweep, wet mop & clean spillages	X				T	
nonth)	Floors	Strip and Refinish & wax					X	
	Walls	Spot clean	X					
	wans	Wash					T	X
	Counters, sink and faucets	Clean and disinfect	X					
Food Preparation &	Floor	Sweep, wet mop & clean	X					
work areas	Partitions, ledges, shelving, all edges and fume hoods	Clean with disinfectant	X				T	
	Garbage fridge and containers	Scrub & wet mop clean		X				
	Garbage Containers	Wash	X					
CADET CLUSTERS	Horizontal & vertical surfaces	Dust and clean		X			T	
Occupied Cluster	Walls	Spot clean		X				
	Walls	Wash			Σ	X	T	
	Floors	Sweep		X				
	Floors	Wash & disinfect		X				
	Floors	Vacuum carpet		X				
	Sinks	Replenish hand soap		X				Monday to Saturday inclusive
	Sinks	Clean & Disinfect	X					Monday to Saturday inclusive
	Counters	Clean faucets	X					Monday to Saturday inclusive
		Clean and Disinfect	X					Monday to Saturday inclusive
	Mirrors	Clean & Polish	X					Monday to Saturday inclusive
	Bathtub	Clean & Disinfect	X					Monday to Saturday inclusive
	Bathtub	Change shower curtain						As required
	Floor	Wash & Disinfect	X					Monday to Saturday inclusive
	Floor	Flush floor drains	X				T	Monday to Saturday inclusive
Dathwaama	Toilet	Clean & Disinfect	X					Monday to Saturday inclusive
Bathrooms:	Toilet	Replenish toilet paper as required	X					Monday to Saturday inclusive
	Toiletries (soap, shampoo, etc.)	Check supply and replenish		X			T	
	Horizontal surfaces	Dusted		X			T	
	Furniture	Dust/Clean and Polish		X			丁	

	Electronic equipment	Dust		X			
	Windows and glass partitions	Clean		X			
	Inventory/Damages	Note damages and evidence of smoking	X				Report daily to the Property Manager
	Inventory/Damages	Note and report unserviceable or missing items	X				Report daily to the Property Manager
	Carpets	Vacuum					
Vacant Cluster Servicing	Carpets	Spot clean					
	Upholstered furniture	Steam clean					
These clusters will be cleaned only as advised by the Property		Vacuum					
Manager prior to be utilized	Upholstered furniture	Spot clean					
	Ophoistered furniture	Steam clean					
	Bed	Change bedspread if soiled					
	Bed	Remove soiled items to Laundry					
	Furniture	Dust/clean and Polish					
	Electronic equipment	Dust					
	Electronic equipment	Clean					
	Windows and glass partitions	Clean					
	Toiletries (soap, shampoo, etc.)	Check supply and replenish as required					
	Towels	Ensure clean towels are present and replace if dirty or dus	ty				
	Towels	Remove soiled items to Laundry			Ì		
	Sinks	Touch-up as required					
	Bathtub	Clean & Disinfect (Touch-up)					
	Bathtub	Change shower curtain					
	Toilet	Clean & Disinfect (Touch-up)					
	Toilet	Replenish toilet paper as required					
	Bathroom Fixtures	Touch-up as required					
D. d.	Bathroom Floor	Touch-up as required					
athrooms:	Bathroom Floor	Flush floor drains					
	Mirrors	Touch-up as required					
	Walls	Wash					
	Counters	Clean & Disinfect (Touch-up)					
	Draperies	Vacuum					
	Inventory/Damages	Note damages and evidence of smoking	Ī				
	Inventory/Damages	Note and report unserviceable or missing			Ť		
	Appliances and filters	Clean		X	1	T	İ
	Appliances and filters	Report to Property Manager unserviceable machines		X	Ť		
	Stainless steel	Wipe & polish		X	一	T	

	Lint gathering areas	Wipe clean (inside and out) lint trap		X		I		
	Lint gathering areas	Report to Property Manager unserviceable machines		X				
	Walls	Clean of streaks, lint & dust		X				
I am day Dagan	Ledges	Dust		X				
Laundry Room	Waste receptacles	Empty		X				
	Floors	Damp Mop		X				
	Floors	Scrub and refinish					X	
	Floors	Strip and refinish						X
	Floors	Clean drains & flush drain with water		X				
	Waste Receptacles	Empty and spot clean	X					
Swimming Pool Area	Waste Receptacles	Wash inside and out		X				
	Floors	Sweep	X					
	Pool Deck	Wash with disinfectant solution & squeegee	X					
	Railings, stainless steel, glass, lifeguard stations	Wipe down using disinfectant solution	X					
	Walls	Spot clean	X					
	Locker rooms & area	Wash using a disinfectant solution			X			
	Horizontal spaces	Dust & Clean		X				
	Garbage container	Empty to garbage area & point of loading truck	X					
Garbage Room and	Cardboard	Flatten using baylor	X					
Wet Garbage Room	Cardboard containers designated for disposal	Flatten using baylor	X					
	Garbage in plastic bags or cans	Place at pickup point prior to collection						As per collection schedule
	Floor	Sweep and pick up litter	X					
	Floor	Mop & Disinfect		X				
	Recyclable paper, bottles & cans	Taken to designed pickup point for collection	X					
	All vertical surfaces	Clean & Disinfect		X				
	Visual inspections of fire extinguishers throughout the CCGC				X			As requested by Property Manager
Other requests								
Pot Washing & Maid Service								
Food Preparation & work areas	Dishwashing Pots & pans	Wash after every meal	X					Three times as required
HOTEL ROOMS	Walls	Spot clean						As required
Occupied Rooms								
This work will be done for all occupied rooms as notified daily in		Wash				X		
writing by the Campus Services	Floors	Sweep	X					
		Wash	X					
		Disinfect	X					and as requested
		Vacuum carpet – Whole Room	X					
	Bed	Make bed	X				T	

		Change linen	X		Or as requested by Campus Services
		Damp wipe headboard and footboard	X		
		Change bedspread if soiled			As required
		Remove soiled items to Laundry	X		As required
	Linens, furniture & kitchen articles	Count and complete report, return dining room items (submit to Property Manager and/or Supervisor)	X		
	Lights	Desk	X		
		Entrance	X		
		Bath	X		
		Lamp	X		
		Fluorescent	X		
	Things to Check	Carpet Cleaned	X		
		Bed Properly Made	X		
		Desk	X		
		Windows Work Properly	X		
		Door Closes Properly	X		
		Chairs	X		
		Drapes Cleaned	X		
		Walls Cleaned	X		
	Supplies	Red Information Book	X		
		Hair Dryer	X		
		Do Not Disturb Sign	X		
		Hangers (6)	X		
		Change Linen Sign	X		
		Toilet Paper (2)	X		
		Recycle Towel Sign	X		
		Remote Control	X		
		Time	X		
		Extra Blanket (1)	X		
		Extra Pillow (1)	X		
		Clock Radio - Correct	X		
Bathrooms:	Towels (2) & facecloths/washcloth (1)	Change, fold and store	X		
		Exchange for fresh items	X		Or as requested by Campus Services
		Remove soiled items to Laundry			As requested
	Two (2) Drinking glasses c/w covers, facial tissue.	Replace and clean glasses	X		As required
	Sinks	Clean & Disinfect	X		
		Clean faucets	X		

	ı	5	–	. 1	1 1	1	1	1.
		Replenish hand soap	X			4	4	As requested
		Sink Stopper Open	X			4	4	
	Counters	Clean and Disinfect	X	_		Ц	丄	
	Mirrors	Clean & Polish	X	丄		ᆚ	ᆚ	
	Bathtub	Clean & Disinfect	X					
		Shower walls cleaned	X					
		Clean shower curtain	X					
		Change shower curtain						As required
		Shower head working properly	X					
		Bathtub stopper open	X					
	Chrome	Chrome sparkling	X					
	Floor	Wash & Disinfect	X					
		Flush (Pour Water Into) floor drains	X			T	T	
		Bath Mat (1)	X			T	T	
	Toilet	Clean & Disinfect	X			T	T	
		Replenish toilet paper as required (2)	X			T	T	
		Toilet Working Properly	X	_		7	Ť	
	Toiletries: soap (2)	Check supply and replenish	X	T		T		
	Vent	Vent Cleaned	X			T	T	
		Vent Working Properly	X	T		T		
General Area:	Dusting	Horizontal Surfaces Dusted		X				Friday
		Pictures		X				
		Closet Shelves	1	X		T		
		Windows & Ledge		X		T	T	
	Air freshness	Deodorize room				T	1	Tuesday, Thursday
	Furniture	Dust/Clean and Polish		X		T	1	
	Electronic equipment	Dust /damp wipe		X		十	十	
	Windows and glass partitions	Clean	_	X		十	十	
	Inventory/Damages	Note damages and evidence of smoking	X	_		十	十	†
	3	Note and report unserviceable or missing items	X	_		十	十	†
	Blue bins (paper)	Empty and remove to exterior receptacle	X			十	十	
	Dry garbage	Empty and remove to exterior receptacle	X			十	十	
	Compost bins	Empty and remove to exterior receptacle	X	_		十	十	+
	<u>F</u>	Clean and disinfect	_	X	f	十	十	+
•	Air freshness	Deodorize room	X		\vdash	十	十	Upon check out
	Bed	Change linens and mattress cover	X		\vdash	十	十	Upon check out
	D00	Change mich and mattress cover	<i>2</i> 1			_		opon check out

	1	Remove soiled items to Laundry	X	1 1 1
	Mattress	Treat both sides with disinfectant	Α	as requested
	Towels & facecloths		v	
	Towers & faceciotis	Exchange for fresh items	X	Upon check out
		Remove soiled items to Laundry	X	Upon check out
	Furniture	Dust/Clean and Polish	X	Upon check out
	Floors	Vacuum	X	Upon vacancy
	Electronic equipment	Dust/damp wipe	X	Upon check out
Bathrooms	Toiletries (soap, shampoo, etc.)	Check supply and replenish as required	X	
	Sinks	Clean & Disinfect	X	Upon check out
	Bathtub	Clean & Disinfect	X	Upon check out
		Change shower curtain		as requested
	Toilet	Clean & Disinfect	X	Upon check out
		Replenish toilet paper as required	X	Upon check out
	Bathroom Fixtures	Clean & Disinfect	X	Upon check out
	Bathroom Floor	Wash & Disinfect	X	Upon check out
		Flush floor drains	X	Upon check out
	Bathroom Counters	Clean and Disinfect	X	Upon check out
	Mirrors	Clean & Polish	X	Upon check out
	Walls	Wash		as requested
	Inventory/Damages	Note damages and evidence of smoking	X	Upon check out
		Note and report unserviceable or missing	X	Upon check out
	Dry garbage	Empty and remove to exterior receptacle	X	Upon check out
	Compost bins	Empty and remove to exterior receptacle	X	Upon check out
		Clean and disinfect	X	Upon check out