REPAIR AND MAINTENANCE MATRIX - SAMPLE

LARKFIELD LEISURE CENTRE

These schedules identify the responsibilities of both the Trust and the Council, in relation to consumables, cleaning, redecorating, servicing, repairing and replacing items of the buildings and grounds, and operating mechanical and electrical services, filtration installations, plant and equipment, as detailed in the Management Agreement and Lease.

Definitions

"Consumables" (cmble) means items, supplies, chemicals, lubricants, filters, lighting tubes/bulbs etc and the like, essential to the efficient operation of the Facility, requiring regular replacement in order to retain optimum performance.

"Cleaning" (clean) means the removal of dirt, dust and blockages, internally and externally, using manual or mechanical methods, to achieve optimum cleanliness and/or visual appearance.

"Redecoration" (redec) means the periodic preparation of and application of new materials to an item's surface in order to return it to its original appearance.

"Service/servicing" (srvce) means the testing of and works included in a service/maintenance contract, including call out arrangements, with a specialist contractor, where appropriate, or if no such contract exists, cyclical maintenance work to all remaining items, carried out by the contractor.

"Repair/s" (rpair) means to carry out all work necessary to economically bring a failed or damaged item back into full operation, or restore its appearance, where that item is not covered or included within a service/maintenance contract. Repairs in relation to the building includes making good to decorations.

"Replace" (rplce) means to provide and fit a new, identical or equivalent item where that failed item is incapable of being repaired or is beyond economic repair.

"LT" indicates Leisure Trust. "TM" indicates Tonbridge & Malling Borough Council.

These schedules should not be regarded as exhaustive or exclusive, any omissions do not imply unimportance or irrelevance.

BUILDING CONSTRUCTION/FABRIC

Foundations	_	cmble -	clean -	redec -	srvce -	rpair TM	rpice TM
Frame	_	-	LT	LT	-	TM	TM
Floors	StructureFinish (inc. any screed or support system under)	-	-	-	-	TM	TM
	~ Carpet/vinyl	-	LT	-	-	LT	TM
	 Ceramic floor tiles 	-	LT	-	-	TM	TM
	Safety flooringSports hall floor	-	LT	-	-	LT	TM
	~ Finish	-	LT	-	-	LT	LT
	~ Lining	-	LT	-	-	LT	LT
Undercrofts/ Balance tanks	- Structure	-	-	-	-	TM	TM
	 Finish (inc. any screed or support system under) 	-	LT	LT	-	TM	TM
Ceilings	 Suspended ceiling system 	-	LT	LT	-	TM	TM
	 Self finish metal 	-	LT	LT	-	TM	TM
	 Painted metal 	-	LT	LT	-	-	-
	 Lining systems 	-	LT	LT	-	TM	TM
	- Tiles	-	LT	LT	-	TM	TM

		cmble	clean	redec	srvce	rpair	rplce
Roof	Structure						
	~ Concealed	-	-	-	-	TM	TM
	~ Exposed	-	LT	LT	-	TM	TM
	 External coverings 	-	LT	-	-	TM	TM
	Gutters/down pipes/	-	TM	TM	-	TM	TM
	soffits and fascias						
	 Roof lights/glazed 						
	roofs					T. 4	ТМ
	~ Glazing	-	LT LT	-	-	TM TM	TM
	~ Barrel vaults	-		-	-		
	~ Support framing	-	LT LT	- LT	-	TM TM	TM TM
	Internal finishExternal finish	-	LT	_	- -	TM	TM
	V 1. 1 C.1	-	LT	_	-	TM	TM
	~ Applied film	_	LI	-	_	I IVI	I IVI
External walls	Structure	_	LT	_	_	TM	TM
	Cladding	-	LT	TM	-	TM	TM
	– Finish	-	LT	TM	-	TM	TM
	 Graffiti removal 	-	LT	-	-	-	-
External glazed	– Frame	_	LT	TM	_	TM	TM
screens and	Glazing	_	LT	LT	_	TM	TM
conservatory	Internal finish	-	LT	LT	-	TM	TM
	 External finish 	-	LT	TM	-	TM	TM
	 Applied film 	-	LT	-	-	LT	LT
	Ironmongery	-	LT	-	LT	TM	TM
Windows	– Frame, cill	_	LT	TM	_	TM	TM
	 Window board 	-	LT	LT	-	TM	TM
	Glazing	-	LT	-	-	TM	TM
	Ironmongery	-	LT	-	LT	TM	TM
	– Finish						
	~ Internal	-	LT	LT	-	TM	TM
	~ External	-	LT	TM	-	TM	TM
	 Applied film 	-	LT	-	-	LT	LT

Doors	Frame, threshold, architrave	cmble -	clean LT	redec -	srvce -	rpair TM	rpice TM
	DoorIronmongeryGlazing	- - -	LT LT LT	- - -	- LT -	TM TM TM	TM TM TM
	- Closers - Finish	LT	LT	-	LT	TM	TM
	~ Internal ~ External	-	LT LT	LT TM	-	TM TM	TM TM
Internal walls	StructureFinishSkirtingsCeramic tiles	- - -	LT LT LT LT	LT LT -	- - -	TM TM TM LT	TM TM TM TM
Internal glazed screens	Frame, thresholdIronmongeryGlazingFinishApplied film	- - - -	LT LT LT LT LT	LT - - LT -	- LT - -	TM TM TM TM LT	TM TM TM TM LT
Refrigerated Room	StoragecompartmentRefrigeration Unit	LT LT	LT LT	-	LT LT	TM TM	TM TM
Pool tanks/rapids/ plunge tank	Structured- Concealed	-	-	-	-	TM	TM
prango tam	Finish (inc. any backing screeds)	-	LT	LT	-	TM	TM
	- Safety grilles	-	LT	-	LT	TM	TM
Walkways/steps/ ramps/ladders/ barriers/stairs	StructureHandrailsPaving (inc. screed/	- - -	LT LT LT	- LT -	- LT -	TM TM TM	TM TM TM
	support) – Safety marking	LT	LT	LT	-	-	TM
Patios/terraces	Paving (inc. screed/ support)	-	LT	-	-	TM	TM
	 Safety marking 	LT	LT	LT	-	-	TM

Gates	Structure	cmble	clean LT	redec TM	srvce	rpair TM	rplce TM
	Ironmongery	-	LT	-	LT	TM	TM
Boundary fences	Structure	-	LT	TM	-	TM	TM
	 Graffiti removal 	-	LT	-	-	-	-
External lighting		LT	LT	TM	TM	TM	TM
Car parking	 Tarmac/paved areas 		LT	-	-	TM	TM
	Lighting	TM	TM	TM	-	TM	TM
	– Lining	-		- 	-	TM	TM
	- Signage	-	LT	TM	-	TM	TM
	Snow/ice clearancePathways	LT	_	_	LT	_	_
	~ Car parks	TM	_	_	TM	_	_
	Subject to service demands						
	– Trees	-	-	-	TM	-	-
Grounds maintenance		-	LT	-	LT	-	-
External paths		-	LT	-	LT	TM	TM
Drainage (foul)	 Soil and vent pipes 	-	LT	-	-	TM	TM
	- Underground	-	LT	-	-	TM	TM
	pipework, fittings – Above ground	_	LT	_	TM	TM	TM
	drainage pipework/ support						
	Floor gullies	-	LT	-	LT	TM	TM
	Valves	-	LT	-	TM	TM	TM
	Grease Trap	LT	LT		LT	TM	TM
	 Cleaning eyes 	-	LT	LT	LT	TM	TM
	Drain access covers/ manholes	-	LT	LT	LT	TM	TM
Drainage (surface)	Gullies/manholes/ interceptors/	-	LT	-	TM	TM	TM
	soakawaysUnderground	-	LT	-	-	TM	TM
	pipework, fittings – Drain access covers/ manholes	-	LT	LT	LT	TM	TM

Wet change floor drainage	- Grilles	cmble -	clean LT	redec -	srvce LT	rpair LT	rpice LT
Drainage (generally)	 Clearing blockages 	-	-	-	LT	TM	-
Sanitary/plumbing fittings	 Toilets pans/cistern/ pipework, grab rails 	-	LT	-	LT	TM	TM
	 Seats/handles/bell valves/wastes/traps 	LT	LT	-	LT	TM	TM
	Sink/Basins/Pipework	-		-	LT	TM	TM
	Taps/Flexi hoses	LT	LT	-	LT	TM	TM
	– Wall hose	LT	LT	-	LT	TM	TM
	Shower controls/ Pipework/Heads	-	LT	-	LT	TM	TM
	Urinals/cistern/ pipework	-	LT	-	LT	TM	TM
	Vanity units	-	LT	LT	-	TM	TM
	 Thermostatic mixer valves 	LT	LT	-	LT	TM	TM
Walls & floor fixed planters/plants and stones	StructureFinish	- LT	LT LT	- LT	- -	LT LT	LT LT

		cmble	clean	redec	srvce	rpair	rpice
Features	Flop-over	-	LT	LT	TM	TM	TM
	Spacebowl/flume	LT	LT	LT	TM	TM	TM
	– Flume	LT	LT	LT	TM	TM	TM
	 Support wires 	LT	LT	LT	TM	TM	TM
	Frames/access	LT	LT	LT	TM	TM	TM
	stairs						
	 Camel cannon 	LT	LT	LT	LT	LT	TM
	 Elephant cannon 	LT	LT	LT	LT	LT	TM
	 Elephant and turtle 	LT	LT	LT	LT	LT	TM
	slides						
	 Snakes and giraffe 						
	Spa (on island	LT	LT	LT	TM	TM	TM
	~ Pumps	-	-	-	TM	TM	TM
	 Strainer baskets 	-	-	-	TM	TM	TM
	~ Pipework	-	-	-	TM	TM	TM
	 Internal surfaces 	LT	LT	LT	LT	TM	TM
	 External surfaces 	LT	LT	LT	LT	TM	TM
	 Wave machine 						
	 Drive motor 	LT	-	-	TM	TM	TM
	~ diverters	-	-	-	TM	TM	TM
	~ Actuators	-	-	-	TM	TM	TM
	~ Compressor	LT	-	-	TM	TM	TM
	~ Controls	-	-	-	TM	TM	TM
	 Control panel 	-	-	-	TM	TM	TM
	~ Safety grilles	-	LT	-	TM	TM	TM
Building Energy	 Management system 	LT	LT	-	TM	TM	TM
Management	Control panels	LT	LT	-	TM	TM	TM
System	 Control equipment 	LT	LT	-	TM	TM	TM

MECHANICAL SERVICES

		cmble	clean	redec	srvce	rpair	rplce
Low pressure hot	Boiler	LT	LT	-	TM	TM	TM
water systems	– Flue	-	LT	-	TM	TM	TM
	Calorifier	LT	LT	-	TM	TM	TM
	 Heating coils 	-	LT	-	TM	TM	TM
	Radiators/valves	-	LT	LT	TM	TM	TM
	 Over door heaters 	-	LT	-	TM	TM	TM
	 Run/standby pumps 	LT	LT	-	TM	TM	TM
	 Pressurisation units 	-	LT	-	TM	TM	TM
	Distribution pipework/support	-	LT	LT	TM	TM	TM
	Control valves	-	LT	-	TM	TM	TM
	 Expansion vessels 	-	LT	-	TM	TM	TM
Gas Installation	 Mains intake 	-	-	-	-	TM	TM
	Pipework	-	LT	LT	TM	TM	TM
	 – Auto/manual valves 	-	LT	-	TM	TM	TM
	Gas meters	-	LT	-	-	-	TM
Heating and	 Air handling units 	LT	LT	-	TM	TM	TM
Ventilation	 Control systems 	LT	LT	-	TM	TM	TM
	 Ductwork - External 	-			TM	TM	TM
	 Ductwork - Internal 		TM		TM	TM	TM
	Drum louvres	-	LT	LT	TM	TM	TM
	Slot diffusers	-	LT	LT	TM	TM	TM
	 Circular louvres 	-	LT	LT	TM	TM	TM
	 Segregated louvres 	-	LT	LT	TM	TM	TM
	 Room/duct sensors 	-	LT	-	TM	TM	TM
	Door/Ceiling/Wall/Deck grilles	-	LT	LT	TM	TM	TM
	 Extract canopies 	LT	LT	-	TM	TM	TM
	 Extract fan units 	LT	LT	-	TM	TM	TM
	 Access panels 	-	LT	LT	TM	TM	TM
	Condensate trap/ Valve/Drain	-	LT	-	TM	TM	TM
	Dampers	-	LT	-	TM	TM	TM
	Air conditioning systems	LT	LT	-	TM	TM	TM
	Fire dampers	LT	LT	-	TM	TM	TM
	VSDs (Air Handling)	LT	LT	-	TM	TM	TM

		cmble	clean	redec	srvce	rpair	rplce
Domestic	 Mains intake 	-	-	-	TM	TM	TM
Services	 Underground main 	-	-	-	-	TM	TM
Installation	 Storage tanks/ball valves 	LT	LT	-	TM	TM	TM
	Break tank	LT	LT	-	TM	TM	TM
	 Booster pumps 	LT	LT	-	TM	TM	TM
	 Pressurisation set 	LT	LT	-	TM	TM	TM
	 Distribution pipework 	-	LT	LT	TM	TM	TM
	 Expansion vessel 	-	LT	-	TM	TM	TM
	 Run/Standby pumps 	LT	LT	-	TM	TM	TM
	 Mixing valves 	-	LT	-	TM	TM	TM
	 Control valves 	-	LT	-	TM	TM	TM
	 Sub water meters 	-	-	-	-	TM	TM

ELECLTICAL SERVICES

		cmble	clean	redec	srvce	rpair	rplce
Electricity	Mains intake/Switchgear	-	-	-	-	TM	TM
	SwitchgearSub mains/Final circuits	-	-	-	-	TM	TM
	 Distribution Boards 	-	LT	-	-	TM	TM
	Power sockets/Points	-	LT	-	-	TM	TM
	 Timeswitches/light activated switches/ overrides 	-	LT	-	-	TM	TM
	Conduit	_	LT	LT	-	TM	TM
	– Fuses	-	LT	-	-	TM	TM
	Earthing/Bonding	-	-	-	LT	TM	TM
	IEE Testing	-	-	-	TM	-	-
	 Portable appliance testing 	-	-	-	LT	-	-
	 Control panels 	-	-	-	TM	TM	TM
Artificial Lighting	 Electrical installation 	-	-	-	LT	TM	TM
	Fittings	-	LT	LT	LT	TM	TM
	 Bulbs/Tubes/ Starters/Chokes/ Diffusers/Fuses/ Dimmers/ Switch panels & switches 	-	LT	-	LT	LT	LT
	 Underwater lighting 	LT	LT	-	LT	TM	TM
Emergency	 Electrical installation 	-	-	-	TM	TM	TM
Lighting system	Fittings	LT	LT	LT	TM	TM	TM
	Batteries	LT	LT	_	TM	TM	TM
	Discharge test	-	-	-	TM	-	-

Fire alarm system	InstallationDetector headsControl panelBreak glass pointsSounders	cmble LT LT -	clean - LT LT LT LT LT	redec - - - - -	srvce TM TM TM TM TM	rpair TM TM TM TM TM	rpice TM TM TM TM TM
Public Address system	InstallationControl equipmentSpeakersMicrophones	- - -	LT LT LT	- - -	LT LT LT LT	LT LT LT LT	TM TM TM LT
Telephone system	InstallationHandsets	-	- LT	-	LT LT	LT LT	TM LT
Intruder Alarm system	 Installation Magnetic contacts Detector heads Panic alarms External bell boxes Control panel Batteries Exit control Digital communicator 	- - - - - -	- LT LT LT LT LT - LT	- - - - - -	TM TM TM TM TM TM TM TM	TM TM TM TM TM TM TM TM	TM TM TM TM TM TM TM TM
CCTV System	InstallationCamerasControl boxMonitor	- - -	LT LT LT	- - -	TM TM TM TM	TM TM TM TM	TM TM TM TM
Disabled Alarm	InstallationUnit/resetPull cord	LT LT	- LT LT	- - -	TM TM LT	TM TM LT	TM TM LT
Lightning Protection	Installation	-	-	-	TM	TM	TM
Lifeguard Alarm		LT	LT	-	TM	TM	TM
Automatic powered doors		-	LT	-	TM	TM	TM
Platform Lift		cmble -	clean LT	redec -	srvce TM	rpair TM Page 1	rpice TM 1 of 18

External signs (illuminated)		LT	LT	-	TM	TM	TM
Hand dryers	Installation	-	-	-	LT	LT	TM
Hair dryers	Installation	-	-	-	LT	LT	TM
Clocks	Installation (pool)Clocks	- LT	LT LT	- -	LT LT	LT LT	LT LT
Water Boiler			LT			TM	TM

POOL WATER FILLTATION AND DISINFECTION SYSTEMS

Water Distribution		cmble	clean	redec	srvce	rpair	rplce
Water Distribution Surface draw off	 Deck level scum channels/outlets/ pipework 	-	LT	-	TM	TM	TM
	GrillesWave pool scum channels/outlets/ pipework	-	LT LT	-	LT TM	LT TM	TM TM
Bottom/Sidewall Distribution	Inlets/OutletsPipeworkOutlet sumps	- - -	LT LT LT	- - -	TM TM TM	TM TM TM	TM TM TM
Balance Tanks	StructureSuction PumpPipeworkFloat valves	LT LT -	LT LT LT LT	- - -	TM TM TM TM	TM TM TM TM	TM TM TM TM
Filtration Circulating Pumps/Valves		LT	LT	-	TM	TM	TM
Primary Strainers		LT	LT	-	TM	TM	TM
Filters	VesselsFilter mediumFittings	- LT	LT LT LT	LT - -	TM TM TM	TM TM TM	TM TM TM
PAC Dosing equipment		LT	LT	-	TM	ТМ	TM
Air scouring (for back-washing)	– Air blower	LT	LT	-	TM	TM	TM
back-washing)	- Fittings	-	LT	-	TM	TM	TM
Instrumentation	Pressure gaugesThermometerAltitude gauges	- - -	LT LT LT	- - -	TM TM TM	TM TM TM	TM TM TM

Plate Heat Exchanger		cmble -	clean LT	redec -	srvce TM	rpair TM	rpice TM
	Pool Water Disinfection and Control (Sodium Hypochlorite &Hydrochloric Acid & CO ₂)						
	 Control systems/ displays 	LT	LT	-	TM	TM	TM
	Ancillary equipment	LT	LT	_	TM	TM	TM
	Motors	LT	LT	-	TM	TM	TM
	 Injection fittings 	LT	LT	-	TM	TM	TM
	Dosing pump	LT	LT	-	TM	TM	TM
	Solution tank	LT	LT	-	TM	TM	TM
	Solution hoses	-	LT	-	TM	TM	TM
	CO₂ Equipment	LT	LT		TM	TM	TM
Fresh water make-	up and dilution						
	Storage tank	LT	LT	-	TM	TM	TM
	 Water meters 	-	LT	-	TM	TM	TM
Poolside test monitoring equipment							
	– Photometer/Carrier	LT	LT	-	LT	LT	TM
	TDS meter	LT	LT	-	LT	LT	LT
	 Electronic thermometer 	LT	LT	-	LT	LT	LT
	Immersible thermometer	LT	LT	-	LT	LT	LT
	Water quality testing equipment	LT	LT	-	LT	LT	LT
VSDs (Circulation)		-	LT	-	ТМ	TM	TM

FIXTURES AND FITTINGS

Sauna	– Cabin	cmble -	clean LT	redec -	srvce TM	rpair TM	rpice TM
	- Heating				T	T \ 4	T
	~ Unit	LT	LT	-	TM	TM	TM
	~ Control	-	LT	-	TM	TM	TM
	 Isolator switch 	-	LT LT	- LT	TM LT	TM LT	TM TM
	- Benching	- LT	LT	LT	L I	TM	TM
	– Finishes	LT	LT	LI	- TM	TM	TM
	Lighting Unit	LI	LI		I IVI	I IVI	I IVI
Steam room	Structure	-	-	-	-	TM	TM
	Finishes	LT	LT	LT	-	TM	TM
	 Steam generator 	-	LT	-	TM	TM	TM
	Controls	-	LT	-	TM	TM	TM
	 Isolator switch 	-	LT	-	TM	TM	TM
	 Water softener 	LT	LT	-	TM	TM	TM
	 Lighting Unit 	LT	LT		TM	TM	TM
Spas (Health Suite)	- Spa shells	-	LT	-	TM	TM	TM
•	 Booster pumps 	-	LT	-	TM	TM	TM
	Air Blowers	-	LT	-	TM	TM	TM
	Controls	-	LT	-	TM	TM	TM
	 Circulation pumps 	LT	LT	-	TM	TM	TM
	 Acid dosing pumps 	-	LT	-	TM	TM	TM
	 Balance tanks 	LT	LT	-	TM	TM	TM
	Pipework	-	LT	-	TM	TM	TM
	Brominator	LT	LT	-	TM	TM	TM
	Water heaters	-	LT	-	TM	TM	TM
	Control panel	-	LT	-	LT	LT	TM
Reception Desk	Frame/desk	_	LT	LT	_	LT	TM
·	Ironmongery	-	LT	-	-	LT	LT
	Glazing	-	LT	-	-	TM	TM
	– Finish	-	LT	LT	-	LT	LT
Turnstile/Barriers		LT	LT	LT	LT	LT	TM
Servery Counter	Frame/Counter/Top	_	LT	LT	_	LT	TM
	- Ironmongery	_	LT	_	_	LT	LT
	Shutter	-	LT	_	TM	TM	TM
	– Finish	-	LT	LT	-	LT	LT

Lifestyles Desk	Frame/deskIronmongeryFinish	cmble - - -	clean LT LT LT	redec LT - LT	srvce - - -	rpair LT LT LT	rpice TM LT LT
Cubicles	Frame/SupportsDoors/curtainsIronmongery/fittings	- - -	LT LT LT	- - -	- LT LT	LT LT LT	TM LT LT
Lockers generally	FrameDoorIronmongery/fittingsLocks	- - - LT	LT LT LT LT	LT LT - -	LT LT LT	LT LT LT LT	TM LT LT LT
Planters		LT	LT	-	LT	-	LT
Shelving		-	LT	-	-	LT	LT
Storage racking		-	LT	-	-	LT	LT
Catering preparation benches/ worktops		-	LT	-	-	LT	TM
Signs, general	- Internal & external	LT	LT	LT	LT	LT	LT
Disabled hoist		-		-	LT	LT	TM
Baby Changing Tables		-	LT	-	-	LT	TM
Benching (changing areas)		LT	LT	LT	LT	LT	TM
Showers		LT	LT	-	LT	TM	TM
Drinking water fountains		LT	LT	-	LT	LT	TM
Timers/display boards		LT	LT	-	LT	LT	LT
Roller shutter (sports Hall)	Structure	-	LT	LT	TM	TM	TM
	- Motor	LT cmble	LT clean	- redec	TM	TM	TM
Pool covers		LT	LT	reuec -	srvce LT	rpair LT	rpice TM
Safe		LT	LT	-	LT	LT	TM

Fire extinguishers	-	LT	-	LT	LT	LT
Larkabout play area	-	LT	-	LT	TM	TM

HEALTH AND SAFETY SCHEDULE

Activity	Responsibility
Day to day management of legionella risk	LT
Production of legionella risk assessment as required (at least bi-annually)	LT
Regular monitoring of water temperatures	LT
Regular bacterial sampling and testing of water	LT
Disinfection and clean of water storage tanks/vessels and down services as required	LT
Disinfection and clean of calorifiers/hot water storage tanks/vessels as required	LT
Servicing of thermostatic mixer valves as required	LT
Capital works	TM

Asbestos Management

Activity	Responsibility
Day to day management of asbestos containing materials (internal and	LT
external)	
Production and maintenance of an Asbestos Register and annual	TM
monitoring of asbestos containing materials	