

Department	Standard Components	Room Tag:	2540
Room Name	Hot Laboratory	Room Code:	HTLB-SJ
Net Room Area Briefed	3.0 M2		
No of Rooms	1		
Subtotal of Briefed Area	3.00 M2		
Hours of Operation	8am to 6pm, daily		
Occupancy	1		
Also covers these Rooms			
Description/ Special Requirements	<p>The Hot Laboratory is an area for storage and preparation of radiopharmaceuticals for use in imaging procedures. The area will include a preparation bench, cupboards and sink with touch free taps. Space will be required for dose calibration, record keeping and quality assurance activities. If pre-prepared materials are used, storage and calculation areas may be considerably smaller than for on-site preparation. Radionuclide storage areas and waste storage within the space may require shielding, including benches and cupboards. The Hot Laboratory will be located with ready access to Nuclear Imaging Rooms and dosing areas.</p> <p>Additional Design Considerations</p> <ul style="list-style-type: none"> - Radiation shielding to be advised by Radiation Consultant - The floors and walls should be constructed of a material that is easily decontaminated, with no gaps or crevices - Vents and traps for radioactive gases should be provided if such are used 		
Amendment	13.03.2014 First issue		

Room Fabric and outline specifications

ID	Fabric	Material	Finish	Specification	Selection	Remarks
5010	Ceiling	Plasterboard	Paint, washable	Flush set, suspended		
6025	Cornice	Aluminium	Powdercoat	shadow line		
1000	Floor finish	Vinyl	Standard slip resistant	Seamless, coved		
2000	Skirting	Vinyl	Prefinished	Floor vinyl coved, 150 mmH		
3000	Wall finish	Paint	Acrylic, washable			
3022	Wall finish	Resinate, 6mm	Prefinished	Splashback		above bench
4030	Wall protection	Composite	Prefinished PVC	Corner guards to 900 AFFL		as required

Fittings and Furniture (FF)

ID	Description	Category	Group	Qty	Selection / Remarks
1030	Bench: resinate	Furniture/ Fitting	1	1	with wet edge and inset sink

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ID	Description	Category	Group	Qty	Selection / Remarks
4391	Cupboard: special	Furniture/ Fitting	1	1	under bench, with internal radiation shielding to top, front and sides, adjustable shelf, may have a hinged shielded cover to waste holes as required
4410	Cupboard: under bench	Furniture/ Fitting	1	1	lamine, adjustable shelves
4460	Cupboard: wall mounted	Furniture/ Fitting	1	1	over bench, adjustable shelves
6152	Dispenser: disposable glove	Furniture/ Fitting	2	1	
6154	Dispenser: paper/ hand towel	Furniture/ Fitting	2	1	to sink
6156	Dispenser: soap	Furniture/ Fitting	2	1	to sink
19700	Sharps bin	Furniture/ Fitting	3	1	in radiation shielded cupboard
19990	Shelving unit: microwave	Furniture/ Fitting	1	1	optional
24102	Waste bin: general	Furniture/ Fitting	3	1	small, in radiation shielded cupboard

Fixtures, Equipment and associated Services (FE)

ID	Description	Group	Qty	Ele	Data	Cd	WH	T	m	WT	Tap	Dns	Gas	Selection / Remarks
35405	Oven: microwave, commercial	3	1	yes	___	___	___	___	___	___	___	___	___	optional
44000	Refrigerator: 120 Litre, domestic	3	1	yes	___	___	___	___	___	___	___	___	___	under bench
47800	Sink, SS: single in bench	1	1	___	___	yes	opt	opt	yes	yes	___	___	___	provide hot water; sensor taps; confirm sink dimensions

Services

ID	Description	Service Category	Qty	Selection / Remarks
1006	Voice / Data outlet: double	Communications	1	
5000	Airconditioning	HVAC		
6000	General fluorescent	Lighting		
6055	Special: task light, built in	Lighting		under O/H cupboards
9001	GPO: Double	Power	2	
9000	GPO: Single	Power	2	fridge, microwave