

Section Ref	B1
Assessment Type	Swimming Pool
Assessment Title	Physical Environment
Documents used in support of	HSG179, Managing Health and Safety in Swimming Pools and other publications. See G4
Document Links	http://www.hse.gov.uk/2008/Books/Book179.htm
People at risk	users, employees.



Ref	Hazards identified	How might people be	Recommended control measures to examine (based on)	Control Measures in Place	PLR	PSR	RRN	Further controls measures	(risk)	PLR	PSR	RRN	
B1/001	Circulation Access to pool hall from changing rooms located close to water deeper than 1.2m. (4)	Drowning, impact injuries, slips, trips, cuts, abrasions	Are barriers in place?	changing rooms all exit at the shallow end of the pool, small walls separate walk ways from poolside	2	3	6					0	
B1/002			Is access adequately restricted? Risk of non-swimmers jumping into deep water.	site is closed when pool is not in use, pool can be seen from CCTV if people try to enter when closed	2	3	6					0	
B1/003			Are warning signs required and in place?	no	1	5	5						0
B1/004	Routes within the pool Narrow pool surrounds (i.e. less than 2m) cause congestion and restrict access. For small pools, this may be less than 1.5m. (3/4)		Risk of jumping, falling or being pushed into deep water.	no water features are in deep water	2	2	4					0	
B1/005			Check risk at busy periods.	all pool surrounds are 2m plus, only area where this is smaller is by the large slide	2	4	8						0
B1/006			Do features/equipment obstruct access?	slide reduces width to 1m	2	4	8						0
B1/007			Is there congestion?	No history of congestion	2	2	4						0
B1/008			Risk of falling, tripping etc.	wall around poolside and steps could cause issues but no history of accidents	2	3	6						0
B1/009	Abrupt changes in floor level, e.g. steps, footbaths, upstands (to contain shower or hosing-down water). (2/3)		Risk of trips or slips.	floor levels do not change thought site, sun decks and small walls are raised, edges are clearly visible	2	2	4					0	
B1/010			Is hazard visible?	Yes - clearly marked	2	3	6						0
B1/011			Is floor in poor condition/supply?	Floor condition is very good	2	3	6						0
B1/012	Ramped access between changes in floor level, e.g. pool surrounds adjacent to wave machine chamber. (2/3)		Risk of trips or slips.	floor levels are all the same, only ramps are from reception to poolside and exits from changing rooms	2	3	6					0	
B1/013			Ramp should be less than 1 in 15 gradient.	yes	2	3	6					0	
B1/014			Slip resistant?	yes	2	3	6						0
B1/015			Clearly visible?	yes	2	3	6						0
B1/016	Freestanding columns/features block views. (4)		Affect on supervision of pool.	side can block views. When bathers numbers increase lifeguard are increased	2	3	6					0	
B1/017	Projecting/freestanding columns or features such as pool covers interfere with circulation and/or present an impact hazard. (2/4)		Can bathers pass each other comfortably?	yes, only side narrows poolside	2	3	6					0	
B1/018			Sharp edges?	wall slabs	2	2	4						0
B1/019			Level of hazard ranges from trips to falling into pool.	no level change	2	3	6						0
B1/020	Corroded overhead ducts/risk of collapse.(4/5)		Overhead suspended air handling ducts and similar have been inspected for structural safety in the past six months or as advised by a competent person.	N/A - Outdoor Facility			0					0	
B1/021	Areas of the pool hall to which access is difficult, e.g. high freeboards, 'islands' in leisure waters, or pool surround areas that are cut off by physical barriers such as waterslides, planting or guard rails. (3/4)		May cause delay in treating an injured person.	N/A			0					0	
B1/022			Are there areas difficult to access or land a casualty?	N/A			0						0
B1/023	Circulation Inadequate and/or Spectator seating (2-4)		Check position in relation to pool and stretcher access.	first aid room is directly accessible	2	3	6					0	
B1/024			Poor maintenance.	All benches around pool side are reviewed and maintained at the start of each season			0						0
B1/025			Inadequate handrails/risk of fall from height. Slip/trips.	N/A			0						0
B1/026			Access to pool when unsupervised via spectator areas.	N/A			0						0
B1/027	Lighting (4)		Poor illumination levels. Can bottom of pool be clearly seen? Lighting of pool surrounds.	pool is outdoors, when natural light levels get too low to see bathers properly pool is closed	1	3	3					0	
B1/028			Poor maintenance of units. Fall/impact hazards?	N/A			0						0
B1/029	Ceiling (3-6)		Poor maintenance of ceiling.	N/A			0					0	
B1/030			Risk of falling objects.	N/A			0						0
B1/031			Risk of collapse (see structural safety)	N/A			0						0
B1/032	Walls Abrasive wall finishes adjacent to 'wet' circulation areas, i.e. from floor level to 2m. (2)		Cuts and other injuries.	Exposed brick work and edges on walls	2	2	4					0	
B1/033			Is there an accident trend?	No Accident trend	1	2	2						0
B1/034			Are surfaces maintained?	All surrounds are checked daily for defects and reported as required	1	2	2						0
B1/035			Is there an accident trend? Visual check.	No Trend	1	2	2						0
B1/036			Do they impede on circulation space?	Lifeguard chairs are only equipment stored on poolside, poolside is over 2m	3	2	6						0
B1/037	Projecting equipment such as fire extinguishers, fire hose reels, inadequate storage of general equipment. (2/3)		Are they in good condition and stored correctly?	Yes	2	3	6					0	
B1/038			Trip hazard through ineffective storage. Are they maintained in good condition?	Lane ropes are in good condition and kept either on reel or on the floor next to the wall	2	2	4						0
B1/039			Poor lifting and handling.	Only one rope is carried at a time when needed	2	2	4						0

B1/040	Low level radiators/heating pipes. (2/3)
Glazing	
B1/041	Glazing in the pool hall which does not comply with specified safety standard.(3)
B1/042	
B1/043	
B1/044	
Glazing	
Window	
Signs	
B1/046	Poor placement of water depth signs.
B1/047	
B1/048	
B1/049	
B1/050	
Floors	
B1/051	Slippery pool surround. (2/3)
B1/052	
B1/053	
B1/054	
B1/055	
B1/056	
B1/057	Contamination of pool surround?
B1/058	Sharp or raised edges, e.g. uneven tiling, drainage gullies/channels. (2)
B1/059	
B1/060	Contamination of
B1/061	Inadequately highlighted drainage gullies in circulation routes. (2)
B1/062	
B1/063	
Pool Tank	
B1/064	Slippery tank floor finish, particularly in shallow water areas, e.g. the beach of a leisure pool. (2-4)
B1/065	
B1/066	
B1/067	Excessive pool tank gradient, i.e. greater than 1 in 15. (4)
B1/068	
B1/069	Abrupt changes in water depth where the water depth is less than 1.5m e.g. steps beneath the water or steep changes in water depth between two water areas that are located close together. (4)
B1/070	
B1/071	
B1/072	Inadequate grip points (4)
B1/073	Submerged hazards(4)
B1/074	Outlet grille openings
B1/075	Excessive suction at outlets may cause entrapment. (4)
B1/076	
B1/077	
B1/078	
B1/079	Sharp exposed edges to tiled finish, including cracked/broken and/or missing tiles, particularly at tile expansion joint positions. (2)
B1/080	
B1/081	Poor definition of pool edge. (3/4)
B1/082	
B1/083	Moveable floors and bulkheads (3)
B1/084	
B1/085	
B1/086	Projecting rest ledges or handrails. (3/4)
B1/087	

Burn, scald risk especially to young children.	N/A				0					0
Risk of impact from people/objects.	N/A				0					0
Can glass shatter and enter pool?	N/A				0					0
Is there a risk of impact through unmarked glazing?	N/A				0					0
Is glazing around the poolside that may be struck impact resistant to BS6262-4:2004	N/A				0					0
If glare problem, can it be physically reduced? If not, address										
	N/A				0					0
Visible and pictorial where applicable.	small signs on edge of swimming pool	1	3		3					0
Users with visual impairment?	lifeguards would advise if people seem unsure	2	3		6					0
Are signs clear and readable? Can they be easily seen by bathers when the pool is busy?	Signs are all in good condition	2	2		4					0
Are they metric?	All depths are in meters	1	1		1					0
Where the floor is moveable the varying water depth is clearly displayed?	N/A				0					0
Check accident record.	No accident trend	2	2		4					0
Condition of floor? Visual observation?	Condition is very good	2	2		4					0
Slip resistance?	Floor is made of a slip resistant slabs	2	2		4					0
Pooling?	pooling is rear, poolside is sloped towards drains to keep water flowing	2	2		4					0
Cleaning regime in accordance with manufacturer's recommendations.	Poolside is washed and scrubbed regularly	2	2		4					0
Gradient (1 in 35 max).	Poolside is level	1	2		2					0
Is risk of contamination from outdoor footwear controlled?	pool side outdoor	2	2		4					0
Risk of cut feet from tiling, uneven paving movement? Joint flush? Visual inspection?	slabs are regularly visually inspected	2	2		4					0
Drainage gully edges sharp?	all edges are rounded and joints flush	2	2		4					0
Monthly drain, inspection and flushing? Check records?	cleaned regularly during weekly	2	3		6					0
Risk of tripping?	they are tucked in next to small walls	2	2		4					0
Loss of footing?	they are tucked in next to small walls	2	2		4					0
Accident history?	No Accident trend	1	2		2					0
Accident history.	No Accident trend, is not slippery	1	2		2					0
Degree of control by lifeguard.	Lifeguards can see whole of pool easily	2	2		4					0
Evidence of slip resistance problems.	no problems evident	1	2		2					0
Risk of young children moving to deeper water?	gradient is gradual in shallow end and non swimmers are kept at that end by lifeguards and signs	2	3		6					0
At water above 1.5m depth.	there is a steep slow from 1.75-2.25m in the deep end pit	2	3		6					0
May cause bathers to slip or move into deep water.	N/A				0					0
Accident history?	None				0					0
Are changes in depth clearly visible?	N/A				0					0
In deck level pools is there a finger grip around the pool basin at least 15mm in depth?	N/A				0					0
Are there any underwater hazards, (e.g. steps/ledges) which pose a hazard to bathers?	Steps are present that go under water, each step is clearly visible	2	2		4					0
Should be less than 8mm.	All less than 8mm	1	4		4					0
Velocity maximum 0.5m/second.	Velocity is below this	1	4		4					0
At least 2 outlets to each suction line.	3 large drain covers together in one section, would be difficult to cover all 3 at same time	2	4		8					0
Outlets cannot be covered by a single body?	No	1	4		4					0
Are covers secure?	all screwed into wall/floor securely	1	4		4					0
Accident history?	No Accident history	1	2		2					0
Condition of expansion joints?	All joints are in good condition	2	3		6					0
Slipping in or collision.	different coloured slabs define the pool edge	2	3		6					0
Edge should be colour contrasted with either pool surround or pool tank edge.	different coloured slabs define the pool edge	2	3		6					0
Is there a risk of entrapment around the floor edges? (ref BSEN13451-11:2004).	N/A				0					0
Is there a maintenance programme for the floor?	N/A				0					0
Is debris removed at least twice a year?	N/A				0					0
Hand or foot trap.	hand rail on long edges, channel on short edges	2	3		6					0
Consider affects of wave machine.	N/A				0					0

B1/088		Are ledges/handrails needed?	hand rails are in place	2	3	6			0
B1/089		Are ledges easily visible? Are gaps less than 8mm or more than 25mm?	N/A			0			0
B1/090	Design of access ladder, handrails and treads. (3/4)	Check for excessive movement leading to trapped limbs or loss of balance.	ladders and handrails are securely in place, gaps are within guidelines	2	3	6			0
B1/091		Are gaps less than 8mm or more than 25mm?	No	1	3	3			0
B1/092		Check condition of steps, handrails.	Steps and rails are all in very good condition	1	3	3			0
B1/093		Compliance to BSEN13541?	Yes	1	3	3			0
B1/094		Do surface mounted ladders present a collision hazard?	No, there is plenty of space around them	2	3	6			0
B1/095		Can bathers access underneath steps?	No	1	3	3			0
B1/096	Cleaning of the pool tank	Is the pool tank swept on a regular basis?	staff sweep pool tank at least once a week	2	2	4			0
B1/097	Projecting steps (2/3)	Affect on lane swimmers/collision.	lanes are wide enough to allow space to not collide	2	2	4			0
B1/098		Consider nature of use and past history of accidents.	No History	1	2	2			0
B1/099	Concealed or difficult-to-observe water areas. (4)	Affect on supervision/blind spots. Detail pool specific blind spots individually in this risk assessment and add control measures to the NOP.	Blind spots can be caused by the sun, extra lifeguards will be positioned when glare causes blind spots or the lifeguard will move position to gain a better view.	2	4	8			0
B1/100		Are they covered by existing lifeguard positions?	Yes - lifeguard can see all of the pool	2	3	6			0
B1/101		Use by untrained divers controlled/prohibited?	Diving is only allowed in deep end over 1.5m in depth, if swim club use only those with ASA competitive start award may dive in rest of pool	2	3	6			0
B1/102	Fixed raised pool ends. (3)	Is adequate supervision and control in place?	Lifeguard are in place and signs around pool	2	3	6			0
B1/103		Check NOP for control measures.	Guidance is in NOP	2	3	6			0
B1/104		Use by untrained divers controlled/prohibited?	N/A			0			0
B1/105	Permanent starting platforms. (3)	Collision hazard diver to swimmer.	N/A			0			0
B1/106		Is adequate supervision and control in place?	N/A			0			0
B1/107		Check NOP for control measures.	N/A			0			0
B1/108	Underwater features or fittings. (2-4)	Projecting features or fittings, e.g. lane rope hooks. Impact hazard.	Steps, inlets are below water level	2	3	6			0
B1/109		Poor maintenance.	all in good condition	2	2	4			0
B1/110		Check for entrapment.	no history of entrapment issues	2	3	6			0
B1/111	'Wild water' rapids features terminating near deep water and/or affecting water movement in other water areas. (4)	Risk of inexperienced bathers getting into difficulty.	N/A			0			0
B1/112		Judge strength of flow.	N/A			0			0
B1/113		Are bathers discharged into deep water?	N/A			0			0
B1/114		Is supervision adequate? Can the bathers be seen by the lifeguard at all times?	N/A			0			0
B1/115		Check NOP.	N/A			0			0
B1/116		Adequacy of rules of use and back up signs.	N/A			0			0
B1/117		Misuse of a water feature. (3/4)	Observe specific features and any design problems. List specific ideas.	2 slides in main pool, 1 in small pool	2	3	6		

B1/118		Adequacy of control.	staff are always in place to control usage	2	3	6				0
B1/119		History of problems.	no history of problems	2	3	6				0
B1/120		Check NOP.	all details in NOP	2	3	6				0
	Pool Tank									0
B1/121	High freeboard	Ease of access. Resting against side of pool. Jumping in from	Freeboard is always below 380mm	2	3	6				0
	Diving Pools									0
B1/122	Pool tank and diving	Diving board clearance check against FINA dimensions for	N/A			0				0
B1/123	Diving Board condition? (3)	Are boards inspected and maintained in good condition with a suitable inspection regime? Check condition and records.	N/A			0				0
B1/124	Glare or other visual disturbance to divers. (3)	Affect on highboard diving.	N/A			0				0
B1/125	Access to diving equipment. (4)	Authorised access only?	N/A			0				0
B1/126		Supervision and controls in place. Check NOP.	N/A			0				0
B1/127		Access effectively prohibited when boards closed?	N/A			0				0
B1/128		Check physical condition of treads, barriers.	N/A			0				0
B1/129	Swimming beneath diving boards. (3)	Collision with divers.	N/A			0				0
B1/130		Adequacy of control and supervision to ensure segregation?	N/A			0				0
B1/131		Check NOP.	N/A			0				0
B1/132	Diving pool is close to	Risk of children falling in. Are segregation arrangements	N/A			0				0
	Learner/Training									0
B1/133	Unprotected access steps. (2)	Jumping onto steps, no guard rails.	steps have hand rails	2	3	6				0
B1/134	Narrow treads to the access steps and/or steep risers. (2)	Slips and trips, particularly if carrying children.	steps are to industry guidance and there is no history of issues	2	3	6				0
	General									
B1/135	Electricity (4/5)	1. See Electrical Safety section.	All electrical items comply	2	4	8				0
B1/136		2. Wet area controls in line with IEE Regulations.	Yes	2	4	8				0
B1/137		3. Battery or low voltage use on poolside recommended.	RCD water appropriate plugs are available to use	3	4	12				0
B1/138		4. Is pool clear of people when electrical appliances e.g. cleaning machines in operation?	Yes	2	4	8				0
B1/139		5. Electrical sockets are not located within 1.25m of the water's	all sockets are over 2m from the	2	4	8				0
B1/140		6. Any sockets on poolside are of industrial design (round	sockets are on pool deck away from	3	4	12				0
B1/141		7. Extension leads are never used to operate 240v equipment on poolside.	No	1	4	4				0
B1/142	Emergency Exits (4/5)	Blocked or poorly signed emergency exits.	all emergency exits are never blocked and are adequately signed	2	4	8				0
B1/143		Push bar absent or not working.	all areas are open to the outside so no exit doors are present	2	4	8				0
B1/144		Poorly sited, insufficient exits.	appropriate exits are situated on poolside	1	4	4				0
B1/145		Exits blocked. Check equipment not stored in front of exits.	exits always kept clear	2	4	8				0
B1/146		See Emergency section.				0				0
	Outdoor Pools									
B1/147	Electrocution (4/5)	Is there a procedure for closing the pool and moving all to a position of relative safety when a lightning storm threatens?	yes, first sound of thunder the pool is closed and everyone is asked to move inside, 30 mins after last sign of storm pool is reopened	2	3	6				0
B1/148	Sunburn/Heat exhaustion for employees (3)	Suitable protective headgear and uniform provided?	hats are umbrellas are available for use	2	3	6				0
B1/149		Sun cream min factor 15 provided?	factor 50 is provided	2	3	6				0
B1/150	Eye damage (3)	Provision of sunglasses with correct UV filter as required?	staff use their own sunglasses	2	3	6				0
B1/151	Inclement weather (2)	Provision of wet weather clothing?	coats and dry robes are available for use	2	3	6				0
B1/152						0				0
B1/153						0				0

Date of assessment 15th Feb 2022
1st Review date
2nd Review date

Assessor: Fabia Garau
Assessor
Assessor:

RECOMMENDATIONS FOR RISK REDUCTION

Action	By When	By Whom?	Completed

Section Ref	02
Assessment Type	Summary Check
Assessment Title	Lifeguarding
Document used in support of	ISO 11019: Managing Health and Safety in Swimming Pools and other recreational facilities
Document Link	https://www.iso.org/standard/55267.html
People at risk	Users, Employees
Name of Centre/Facility	Cardiff Park A Ltd



Ref	Hazard/Incident	Recommended control measures to eliminate or reduce risk	Status	Control Measure in Place			Further controls measures			Date	PSE	PSE	PSE	Risk	
				Y	N	NA	Y	N	NA						
Young People (4)	Drowning, impact injuries, slips, trips, cuts or abrasions	Is a young person in default in law as someone under the age of 16?	Yes	2	3	5								0	
		Are any lifeguards aged less than 18 years old?	Yes	2	3	5									0
		Have you completed an individual risk assessment for those at risk? (Refer to 2.6.12 of the Management of Health and Safety at Work Regulations)	Yes	2	3	5									0
		Is it possible, but required to be taught, how to deal with customers during flotation and engaging training?	Yes	2	3	5									0
		Have you considered their psychological capacity (ability to hear & influence swimmers behaviour, enforce rules if necessary, maintain concentration, resist peer pressure, cope with stressful situations)?	Yes	2	3	5									0
		Do the staff experience roles ensure a mix of adult (more experienced) and young persons, thus preventing all the responsibility being placed on staff?	Yes	2	3	5									0
		Do their hours of work and rest periods in between shifts comply with the working time directive?	Yes	2	3	5									0
		Are lifeguards adequately monitored for their behaviour on pool?	Yes	2	3	5									0
		Is there evidence that lifeguards stand together and talk?	No	2	3	5									0
		Do lifeguards misuse equipment such as power hoses and pool covers or engage in horseplay where there is a risk of injury?	No	2	3	5									0
		Do you have a procedure for dealing with lifeguards suspected to be under the influence of alcohol or other substances?	Yes	2	3	5									0
		Do you have excessive staff cover or contingency plans to cope with staff not attending work?	Cover is initially available on site, or staff phone list is used	2	3	5									0
		Do you ensure that on any shift inexperienced lifeguards are paired with more experienced and proven lifeguards and other staff?	Yes during training period	2	3	5									0
		Are lifeguards prohibited from taking mobile phones onto poolside or in an adjacent location where they can access them?	Phones are not allowed on poolside, apart from when CSP is being conducted	2	3	5									0
Ongoing Training Sessions (23)	Lifeguard Training	Is the trainer competent as a qualified Trainer Assessor? Do you have a copy of their current qualification?	Yes - NFLO TA	1	4	5								0	
		Is the ratio of trainer to students acceptable (refer to awarding body guidance)?	to more than 12 in a session	1	4	5								0	
		Is student's behaviour appropriate and horseplay controlled?	Yes - NFLO TA keeps control and has backing of manager to discipline if needed	2	2	5								0	
		Does the session take place at reasonable times conducive to good quality effective learning?	Times are arranged to make sure all staff can attend each month	2	4	5									0
		Is there a training plan which requires that all staff receive a comprehensive range of refresher training in all key skills?	Yes follows RLSS NFLO training plan	1	4	5									0
		Does the ongoing and structured programme have minimum frequencies of attendance specified and monitored?	Yes 2 hours once a month	2	4	5									0
		Does the programme ensure refresher training in all key areas?	Current follows RLSS NFLO training plan	1	4	5									0
		Is training in work time or are employees paid to attend?	either in work hours or paid if not	2	2	5									0
		Does the programme include casual and part-time staff?	All lifeguards are included	2	2	5									0
		Is the wearing of jewellery controlled?	All jewellery is to be removed during training	2	3	5									0
		Is the wearing of swim goggles controlled?	Goggles are only allowed for medical reasons, only allowed during fitness	2	4	5									0
		Has diving into the pool received been assessed and lifeguards trained if necessary?	Yes - assessment training where it is allowed in general public sessions as a last resort	2	3	5									0
		Can lifeguards reach the deepest part of the pool?	Yes	2	3	5									0
		Is this in a deep pool for diving boards, have you considered damage to ears when performing rescues or training?	No Diving boards			0									0
Does the training make use of all rescue equipment provided (spine boards, pocket resuscitator)?	Yes all equipment is used	2	3	5									0		
Is this equipment maintained to a condition ready to use once training has finished?	equipment is cleaned and returned to working order afterwards	2	2	5									0		
Are manikins and pocket masks cleaned and disinfected between and after use?	Yes	2	2	5									0		
If a spineboard is used, are there sufficient instructions to use it correctly?	Yes a minimum of 4 staff are to attend each session	2	4	5									0		
Is the spine board fitted after use and returned ready to use?	Yes	2	2	5									0		
If a board is used for training, are the straps smooth to use if a real event occurs?	Yes	2	4	5									0		
Have those things casualties out of the water been sufficiently trained in manual handling techniques? Is sufficient care taken of those who fall?	Yes - covered in NFLO course and contained in training	2	3	5									0		
If there is a defibrillator on site, is this incorporated into training?	NFLO TA is qualified to include AED in training	2	3	5									0		
For dry-land training, are there sufficient training aids / equipment/training room space?	Yes - office space and a large number of equipment is available	2	2	5									0		
Do all lifeguards maintain their fitness?	Yes - fitness training is included in training sessions	2	3	5									0		
Are records kept showing who, when, where, and what was covered in each session?	Yes - records kept in yearly folders	2	2	5									0		
Performance (competence) of individuals recorded and action taken where necessary?	Yes - if not competent staff cannot work until retaining has happened	1	4	5									0		
Post Traumatic Event Stress (3)	Lifeguard Support	Are there arrangements to provide lifeguards and other affected staff with counselling after a traumatic event?	Help lines in staff handbook	2	3	5								0	
		Are there welfare arrangements where staff require time away from duties to cope with post-traumatic stress?	Refer to staff handbook	2	3	5								0	
		Is there a critical incident procedure to control media access and protect staff and others involved?	Yes - The SMT deal with such incidences	2	3	5								0	
Slip/Trip (3)	Lifeguard General Safety	Do lifeguards wear appropriate footwear (not flip flops or footwear without a heel or work boot)?	Lifeguards work either in trainers	2	2	5							0		
		Is the lifeguard chair fit for purpose and well maintained?	Yes - chair is in good condition and checked daily	2	3	5								0	
		Do lifeguards ascend and descend the chair safely?	Yes	2	3	5								0	
ES048													0		
ES049													0		

Date of assessment 15th Feb 2022 Assessor: Fabio Garu
 1st Review date
 2nd Review date

RECOMMENDATIONS FOR RISK REDUCTION

Action	By When	By Whom?	Completed

Section Ref	B3
Assessment Type	Swimming Pool
Assessment Title	Pool Operation
Documents used in support of	HSG179, Managing Health and Safety in Swimming Pools and other publications. See Guid
Document Links	http://www.hse.gov.uk/2006/Books/Asp179.htm
People at risk	Users, Employees
Name of Centre/Facility	Sandford Parks Lido



IMSPA Para	Hazards Identified	How might people be	Recommended control measures to examine (based on)	Control Measures in Place	PLR	PSR	RRN	Further controls measures	(risk)	PLR	PSR	RRN
154 – 159	Qualifications (4)	Drowning, impact injuries, slips, trips, cuts, abrasions	Do all lifeguards carry a current lifeguard qualification?	Yes - all must have current RLSS NPLQ and passed NPLQ pool test when returning to work	1	4	4					0
164			Is there a system in place for maintaining qualifications in date?	yes - ongoing training must be done every 4 weeks and renewals planned out at the start of each year	2	3	6					0
151 – 153	Inadequate ongoing/refresh training (4)		Is there a documented and planned training programme?	Yes	1	4	4					0
161			Are lifeguards evaluated as competent?	Yes	1	4	4					0
			Are records available?	Yes	1	4	4					0
151	Poor record keeping (4)		Who, when, where, and what was covered in ongoing/refresh training?	All on RLSS NPLQ training register	1	4	4					0
			Performance of individuals recorded and action taken where necessary?	Yes - if not competent lifeguard to removed from active duty until retraining has occurred	2	4	8					0
			Is there an escalation procedure for non-attendees or failure to achieve competency level?	if do not train within required period they must attend training and have comp test prior to working	2	3	6					0
173	Rotation (4)		Do lifeguards rotate positions regularly within their supervision period?	lifeguards rotate every 30 minutes, pool supervisor or duty manager cover positions to make sure supervision is kept up	2	4	8					0
171, 172	Supervision period (4)		Are excessive supervision periods avoided at all times?	staff are not on poolside longer than 30 minutes unless heavy usage	2	4	8					0
176	Single lifeguard backup (4)		NB: Industry guidance is for a maximum of 90 minutes (the exception rather than the routine), with good practice 60 minutes. Some pool environments may necessitate shorter Mechanism for summoning assistance when only one lifeguard on pool duty.	normal procedure is 60 minutes, during very busy times longer than 60 minutes is possible pool alarm is in place, radios can also be used	2	2	4					0
179,180	Zones of supervision (4)		Ensure all areas covered. Are planned lifeguard positions logical?	all lifeguard positions are planned and logical	2	2	4					0
			Do lifeguards view/scan whole pool? Ensure NOP shows zones of supervision.	small pool can be covered by 1 lifeguard, main pool must have atleast 2 and show the pool	2	3	6					0
			Are supervision positions impeded by glare?	Yes - glare can be present at different times of day, lifeguards are taught to let the DM know and move position make sure they can see	2	3	6					0
			Is the NOP clear about static v patrolling positions?	Main position is fixed	2	3	6					0
			Are fixed lifeguard stations at the edge of the pool to prevent scanning blind spots?	Yes - fixed lifeguard chair is just safely back from the edge of the pool	2	3	6					0
			Lifeguards are consulted about changes to the supervision of the pool or new features that may introduce risks?	Yes - before features are put in place they are brought up in team meetings	2	2	4					0
174	Effects of other employment on lifeguard ability to concentrate through tiredness. (4)		Is there a clear written policy?	In staff handbook, if DM/PS feel lifeguard are unfit to work they will be sent home	2	2	4					0
			Are there any lifeguards with other jobs that may affect their concentration/alertness?	Yes - some lifeguard have other jobs, but total numbers of hours for all jobs falls within working time reqs	2	3	6					0
181 212 – 216	Child protection (3)		Appropriate Staff CRB/Disclosure Scotland checked? Regular supervision of changing facilities by staff. Monitoring of customer behaviour. Staff training on problem recognition. Clear policy for action when a problem identified?	all staff are DBS checked	2	3	6					0
198, 199	Public access to pool when closed (6)		Reasonable security to pool (indoor and outdoor). Physical barrier to prevent unauthorised access to pool from changing rooms? Is access barrier robust/sufficient?	when pool is closed site is locked, staff can see pool from office and CCTV to make ure no one enters the pool	2	4	8					0
			Where access is not always restricted (e.g. end of session) do staff stay on pool until changing rooms etc clear?	Staff stay with clear view of pool and changing room exits	2	4	8					0
-	Non-english speaking users (4)		Considered in NOP appropriate to community/user profile?	pictorial signs and hand signals are used	2	3	6					0
			Suitable and sufficient signs?	Yes	2	3	6					0
			Nature of control will depend on the volume of use by non-english speaking users.	Most non-english speakers speak an amount of english	2	2	4					0
Unprogrammed Swimming												
175 – 178	Quantity of lifeguards (4)		Check against pool dimensions and nature of use for each type of session.	checked with HSG179	1	4	4					0
143, 137, 138	User misbehaviour (4)		Displayed rules of use. Staff trained to uphold rules.	Yes - checked knowledge in training	2	3	6					0
			Ejection procedure. This should be documented in the NOP and provide for support from other staff to minimise lifeguard distraction.	in NOP	2	3	6					0
202 – 204	Capacity/over-crowding (4)		3m ² per bather as a starting point. Variance possible via PWTAG Pool Water Guide	main pool 50m x 27.35m = 455 small pool 15m 7m = 38	2	3	6					0
	(Also see IMSPA Pool Plant Operators Manual and PAS39)		Is capacity defined and documented? Capacities will vary for different sessions e.g. Lane swimming.	yes - details in NOP	3	4	12					0
			Is it appropriate for the nature of the pool?	yes - details in NOP and in pool office	2	3	6					0
205	Under 8's accompanied by an adult (4)		Refer to IMSPA Guidelines. A specific Under 8's risk assessment should be conducted using the IMSPA Guidance publication. Are ratios and controls in place reasonable given the nature of the pool? Are rules applied consistently, e.g. private hire/swimmers? Is the admission policy clearly displayed?	Yes - all under 8's must be accompanied at a ratio of no more than 2 to 1 adult. Yes - all under 8's must be accompanied at a ratio of no more than 2 to 1 adult. yes - on the main entrance gates	2	4	8					0
			Are reception and pool staff trained to uphold the policy?	Yes - gone through in induction training	2	3	6					0
-	Young weak swimmers (4)		Over 8's who are weak swimmers should be covered in NOP.	Yes - they must stay in the shallow end in standing depth	2	4	8					0
			Do staff monitor for such?	Staff monitor weak swimmers and ask to stay within their depth	2	4	8					0
			Do lifeguards monitor for weak swimmers getting out of their depth?	Staff monitor weak swimmers and ask to stay within their depth	2	4	8					0

		Is there a policy that restricts weak swimmers to shallow water/promotes the use of approved flotation devices?	Signs are in place to keep weak swimmers in the shallow end	2	4	8			0
		Are controls maintained for Holiday activities/camps?	N/A	2	4	8			0
	Babies swimming	Are parents educated as to the undesirability of bringing babies (under 6 months) swimming?	yes	2	3	6			0
	Designated non/weak swimmer areas (4)	Is there a designated and adequately signed area?	Signs are in place	2	4	8			0
217 - 219	Diving (3)	1.5m from side of pool at less than 0.38m freeboard.	Diving only allowed in deep end of depth of over 1.5m	2	3	6			0
		7.6m forward clearance.	Yes	2	3	6			0
		Details in NOP?	Yes	2	3	6			0
		Is the diving/no diving area clearly signed?	Yes signs in place	2	3	6			0
220	Deabilities/ special needs users (4)	Is there a system to ensure individual special needs visitors are accommodated?	Yes - individuals are assessed to make sure the correct level of supervision is in place	2	3	6			0
		Are there sufficient helpers?	Yes	2	3	6			0
		Is there a need for changes to signs or audible signals, e.g. wave machine operation?	No wave machines or like hazards are present	2	3	6			0
		Has the evacuation of the group been considered in the EAP?	no	2	4	8			0
		Is there a Personal Emergency Evacuation Plan or suitable individual assessment conducted?	no	2	4	8			0
	Bather clothing	Does the pool accommodate bather requests with religious beliefs re swimming costumes?	Yes - tight clothing is allowed in religious instances	2	3	6			0
Programmed Swimming									
165 -167	Teaching programme supervision requirements (4) <i>(nb: conduct individual assessments for each category of class e.g. beginners, improvers) duplicate these charts as necessary</i>	Are teachers adequately qualified in rescue techniques or is sufficient lifeguard cover provided?	All teachers have a current valid NPLQ and Lifeguards are also in place	2	3	6			0
		Where teachers have a rescue responsibility, are they getting a 15 minute break from supervision approx every 2 hours?	Lifeguards are present during lessons	2	3	6			0
		Are class sizes within ASA/MSPA Guidance on safe supervision of swimming lessons?	Yes	2	3	6			0
		If the teacher is in the water are adequate supervision ratios followed (1:4)? If not is a lifeguard provided?	Yes	2	3	6			0
		Is the mix of abilities conducive to safety?	Abilities are grouped together	2	3	6			0
		Are the lessons reasonably segregated from other swimming activity?	Only lessons go on in pool when taking place	2	3	6			0
		Is child safety considered at class changeover?	Yes - parents are checked for otherwise children wait on poolside	2	3	6			0
	Lane Swimming (4)	Is sufficient lifeguard cover provided?	If help is needed spare lifeguards have radios	2	2	4			0
		Are numbers in lanes controlled?	yes -set speeds for each lane and slower swimmers asked to move if lane gets too busy	2	3	6			0
		Is there a lane etiquette/direction of travel policy in force?	Yes - on signs at end of the lane	2	2	4			0
		Is "lane rage" an issue at this pool?	No	2	2	4			0
184	Programmed sessions - clubs (4)	Monitor that appropriately qualified rescue staff are on duty. CRB/Disclosure Scotland checked.	Yes - lido lifeguard are used	2	2	4			0
		Do the club provide rescue qualified instructors for each group or is additional supervision provided?	Yes - lido lifeguard are used	2	2	4			0
		Are safety requirements built into the written contract with the club?	Yes - within terms and conditions	2	3	6			0
		Are clubs aware of the EAP?	No	2	3	6			0
		Have the club completed a Risk Assessment and has a copy been issued to the pool	Yes	2	3	6			0
226, 227	Sub-Aqua (4)	Qualified supervision and control in line with BSAC guidelines or equivalent (e.g. PADI)? Are there children, weak swimmers participating? Agreed emergency procedures? Damage to poolside? CRB/Disclosure Scotland Checked if applicable. NB: provision of a lifeguard for a properly operated club not normally necessary and provision may increase risk overall.	N/A			0			0
		Have the club completed a Risk Assessment and has a copy been issued to the pool	N/A			0			0
226, 227	Canoeing (4)	As Sub-Aqua but reference to BCU guidelines.	qualified coaches and supervisors from the club are present along with lido lifeguards			0			0
	Aquafit (4)	Instructors:							
		Are all classes supervised by a qualified instructor?	Yes - all instructors are REPS accredited	2	2	4			0
		Is the level of qualification held appropriate to the class level?	Yes	2	2	4			0
		Are they CRB/Disclosure Scotland checked if applicable?	no	2	2	6			0
		Is a lifeguard provided? Nb: a teacher with at least a rescue test can lifeguard the group. Max class size without a lifeguard 20 in deep water or 30 in shallow water.	NPLQ qualified lifeguard is on duty	2	3	6			0

		And if so are they qualified, insured and if necessary CRB checked?	Yes	2	2	4			0
		Are class sizes, ability and age groups controlled and teaching ratios set and adhered to?	Yes	2	3	6			0
		Participants:							
		Are participants asked about medical conditions / medication?	instructor asks class before each session	2	2	4			0
		Are they advised of suitable swim wear?	Yes	2	2	4			0
		Class Area:							
		Is the class area big enough for the class?	Yes	2	3	6			0
		Is the flooring adequate?	Yes	2	3	6			0
		Equipment							
		Are all items of equipment subject to an appropriate level of inspection (pre-use or visual monthly checks)? Eg, noodles, dumbbells and floats.	all checked before each session	2	2	4			0
		Is music equipment subject to an electrical pre-use visual inspection and formal inspection / test?	all checked before each session	2	3	6			0
		If music equipment is on poolside is it battery operated?	no	2	2	6			0
		Has the facility an up to date and current PRS license?	Yes	2	2	4			0
		Equipment							
200 – 201	Aquafit (cont)	Unauthorised access on to the cover prevented?	site shut down when cover is on pool	2	4	8			0
		Safe lifting/manual handling assessment conducted? Can it be mechanised?	No	2	3	6			0
		Evidence of staff training.	Staff training during lifeguard training and induction/shadowing	2	2	4			0
		Does the pool cover constitute an impact hazard to users, employees?	No	2	2	4			0
		If the pool cover is electrically powered is it subject to an annual inspection by an electrician?	N/A			0			0
		Is the pool checked to be clear of bathers before the pool cover is fitted?	Yes	2	3	6			0
		Backup procedure and controls in case of mechanical problems?	No	2	4	8			0
		Are pool covers occasionally checked for microbiological contamination? Is the cover reasonably clean?	Pool Cover is clean	2	4	8			0
232 – 233	Diving boards & starting platforms (3)	Is direct supervision provided? NOP in place, including supervision and operational requirements.	N/A			0			0
		Is use of boards segregated to prevent/minimise collisions?	N/A			0			0
		Is access to the boards controlled?	N/A			0			0
		Are clear rules of use displayed?	N/A			0			0
234 – 240	Small slides (less than 2 metres high) (3)	Rules of use, age restrictions, slide condition, signs displayed, supervision.	under 8's only	2	3	6			0
241 – 244	Waves (4)	NOP in place, including supervision and operational requirements and advance warning to bathers.	N/A			0			0
		Wave outlets are guarded with vertical bars and the aperture is	N/A			0			0
		Before waves start, weak and non-swimmers are advised to move to the beach area.	N/A			0			0
		Waves are preceded by an audible and visual alarm e.g. klaxon and flashing warning light.	N/A			0			0
		Operation of the waves is controlled by an operator who has a clear view of the session. This person can stop the wave action quickly in an emergency.	N/A			0			0
		Lifeguard stations are sufficient to view the pool effectively during the waves.	N/A			0			0
		Jumping and diving into the pool is prohibited during the waves.	N/A			0			0
245 – 251	River rides/rapids (4)	NOP in place, including supervision and operational requirements.	N/A			0			0
231	Water Features (e.g. Geysers, fountains)	Velocity control of inlet, is there a risk of injury to bathers? Inlet grills appropriate and secure?	N/A			0			0
		Water curtains or water falls (e.g. mushroom features) do not conceal hazards such as submerged steps or plinths.	N/A			0			0
		Any blind spots to general supervision of the pool created by these features have been identified and addressed.	N/A			0			0
		Bubble features (e.g. geysers) and water cannons do not come on suddenly or all at once where they may startle children.	N/A			0			0
252 – 253	Inflatables (4)	NOP in place, including supervision and operational requirements. This includes age, swim ability, maximum number of participants in addition to the contents of this section.	NOP has been updated to include inflatable, users should be 8 and over and be able to confidently swim in deep water at the discretion of the Pool Supervisor. 80 maximum user	2	3	6			0
		Manual handling. Sufficient trained staff to erect and dismantle.	Staff training has happened and only staff that attended the session are allowed to take part.	2	3	6			0
		Erection and dismantling safety, staff training, use of trolley if applicable?	Staff training has happened and only staff that attended the session are allowed to take part.	2	3	6			0
		Supervision- Inflatable sessions have sufficient number of correctly positioned lifeguards for the design of the inflatable.	all set out in the NOP, atleast 3 staff at all times	2	3	6			0
		All round observation. Supervision of the inflatable is such that the water beneath the structure can be viewed at all times.	has been checked during staff sessions to make sure all areas are covered	2	3	6			0
		Tethering and visibility of ropes. For sealed inflatable units (not constant blow), the inflatable is tethered with ropes incorporating bungee cord to absorb movement. These keep the inflatable at least 2m from the side of the pool.	N/A	2	3	6			0
		Tethering constant blow-For constant blow inflatables such as Capacity control.	Inflatable is within guidelines only 2 allowed to start at a time and 6 on the inflatable at once	2	3	6			0

		Suitability of electric blower.	blower provided along with inflatable by manufacturer	2	3	6			0
		Queue control. With Aquaruns, users are given a safety briefing before the session.	queuing is done around the edge of the pool where everyone can be seen by the lifeguards	2	3	6			0
		Access restricted to competent swimmers. Admission of weak where the inflatable has a slide, does this exit into sufficient depth of water?	all swimmers must be able to swim in yes the water is suitably bdeep	2	3	6			0
		Inflatables are used in relatively constant depth water of at least 1m depth. Aquaruns should start in water of at least 1m depth and ideally finish in 1.8m depth.	depth is between 1.75m-1.5m	2	3	6			0
		Electrical- The inflatable is inflated using an electric blower	socket and electric are all new and	3	3	9			0
		Electrical- Extension leads are not used on poolside. The inflatable is removed from the water for deflation. It is rinsed with fresh water and allowed to air dry before storage.	extension leads are kept well away removed from the pool and kept on side to dry/deflate	2	3	6			0
		The inflatable is subject to pre-use visual inspection and annual in-depth recorded inspection by a competent person familiar with this type of equipment.	yes checked by DM/PS	2	3	6			0
		Inflatables are periodically cleaned to minimise the risk of infection from pseudomonas.	Yes, cleaned periodically	2	3	6			0
254	Play equipment/foam mats (4)	NOP in place. The NOP specifies the maximum number of Mats are checked pre-use for damage and/or soiling.	N/A			0			0
		Mats are fit for purpose, ideally 1m ² . 2m ² max.	N/A			0			0
		Rules of use in place. Mats are kept away from the pool edges. Participants are not permitted to stand on top of mats or jump from the poolside onto mats in the water.	N/A			0			0
		Staffing numbers- all round supervision by trained and qualified lifeguards.	N/A			0			0
		Segregation of weak swimmers from drifting into deep water?	N/A			0			0
		Capacity control	N/A			0			0
		Mats are ideally allowed to air dry before being stored and are periodically disinfected.	N/A			0			0
257, 258	Pool Hoists (2/3)	Operators have been trained to use by competent person and Do lifeguards maintain supervision of the pool during hoist operation?	Yes	2	3	6			0
		Is use of water proof music players by bathers restricted to competent/lane swimming sessions?	Yes	2	2	4			0
255, 256	Moveable floors and bulkheads (3)	Operation of and supervision arrangements for different positions detailed in NOP?	N/A			0			0
		Is pool/area cleared when floor level changed?	N/A			0			0
		Automatic depth sign change displayed?	N/A			0			0
		Formally inspected, cleaned underneath and maintained to manufacturers guidelines?	N/A			0			0
		Is a confined space working risk assessment conducted for maintenance?	N/A			0			0
		Are maintenance tasks carried out in accordance with Diving at Work Regulations?	N/A			0			0
259 – 263	Spas (4)	NOP in place, including supervision and operational requirements.	N/A			0			0
		Rules of use displayed?	N/A			0			0
		Water testing regime in place?	N/A			0			0
		Is water balance maintained?	N/A			0			0
		Planned cleaning programme to maintain hygiene levels?	N/A			0			0
		Planned maintenance as part of legionella prevention programme?	N/A			0			0
264	Padding pools (4)	NOP in place, including patrols and operational requirements, including signs.	padding pool is next to small pool and always supervised	2	3	6			0
264	Indoor Padding pools- less than 0.5m deep (4)	Outdoor padding pools away from the main pool (possibly as a NOP in place, including patrols and operational requirements, including signs.	padding pool is next to small pool	2	3	6			0
		If parental supervision the primary control, are rules displayed?	N/A			0			0
		Do lifeguards monitor the area?	N/A			0			0
	Buoyancy Aids	If provided for sale or loan are they manufactured to relevant standard e.g. BS13138?	Yes	2	2	4			0
		Can customers hire/loan buoyancy aids?	No	2	2	4			0
		Are loan items checked periodically for condition?	N/A			0			0
		Are loan items periodically cleaned?	N/A			0			0
		Is equipment stored to minimise pseudomonas build up?	N/A			0			0
		Tethering	N/A			0			0
		One sphere per lifeguard controlling tethering	N/A			0			0
		Maximum number defined for pool	N/A			0			0
		Segregation from other users.	N/A			0			0
		Monitoring for user distress.	N/A			0			0
		NOP details supervision rules	N/A			0			0
		Control of entry and egress on poolside.	N/A			0			0
209 – 211	Emergency equipment and alarms (4)	Sufficient equipment and alarms in place.	Yes, radio/whistle - emergency alarm is in key locations around site, DM has pager to be informed of	2	2	4			0

		Can the alarm be heard throughout the building?	No - pool supervisors will be round poolside to summon extra staff as required	2	2	4			0
		pool alarm checked daily?	Yes	2	3	6			0
		Tests recorded?	Yes	2	3	6			0
		Is there an effective pool communication system?	Radio's and mobile phone in emergency	2	2	4			0
		Do staff know what the poolside alarm sounds like?	Yes	2	3	6			0
-	Epilepsy (3/4)	Is there a documented policy in the NOP in line with MSPA Guidance for users with an epileptic condition?	Epileptic users must make staff aware of risks, if risk is high they would need to be supervised when using the centre	2	4	8			0
145	Extended Life Support (4)	Assess the need for additional training in oxygen insufflation.	Oxygen training is being completed by RLSS NTA	2	3	6			0
145	Automated External Defibrillators (AED)(4)	Operators trained in use and receive regular refresher	Checked daily and training given by	2	3	6			0
		Assess the need for a defibrillator. Operators trained in use and receive regular (90 to 90 days) refresher training? AED maintained to manufacturers guidelines? Battery status checked regularly? Pads in date? AED accompanied by scissors for clothing & towel to dry swimmers before use?	AED is present in first aid room with all appropriate equipment, it is checked daily to make sure it is ready to use	2	3	6			0
146,147	Spinal Injury (3/4)	Are there procedures in place and practices to adequately remove a suspected spinal casualty from the pool? Do these take account of minimum lifeguard/staffing levels? Is the spine board regularly inspected and maintained?	spine board is checked everyday, staff are trained in use during RLSS NPLQ training plan, if low staff numbers horizontal lift out would be	2	4	8			0
54 -57,133	Incident / accident recording & reporting (3)	Are records completed fully and comprehensively? Is there a trend analysis system? Are staff aware of RIDDOR	comprehensive forms in place, staff aware of RIDDOR	2	3	6			0
Water Quality									
359, 360	Pool water r quality and chemical composition (3)	Suitable and sufficient water testing programme in place with records?	Pool is tested regularly each day	2	3	6			0
		Do results show maintenance of adequate free chlorine and pH levels? Is the water balanced?	Yes - weekly	2	3	6			0
		Competence of those taking tests? Training, colour blindness?	training is given during induction, electronic machine used, only duty managers carry out test	2	3	6			0
						0			0
359, 360	Pool water quality and chemical composition (3)	Monthly microbiological testing in place?	Yes - kingfisher es	2	3	6			0
		Results of external bacteriological tests?	Emailed across when they come through	2	3	6			0
	Bather Hygiene	Is pre and post swimming showering promoted?	Yes, signs are up and lifeguards prompt on poolside	2	2	4			0
		Are children encouraged to use the toilet before swimming?	Yes - gone through with parents, signs in changing rooms	2	2	4			0
Emergency Conditions									
344 - 349	Faecal fouling (2/3)	Procedure for response to fouling should be covered in EAP and in line with PWTAG guidance. Are staff trained?	All covered in EAP	2	3	6			0
		Is a coagulant used in filtration to assist removal of any cryptosporidium spores?	APF	2	3	6			0
344-349	Faecal fouling (2/3)	Are swim nappies available for purchase?	Yes	3	3	9			0
P113	Toxic Gas leak	Procedure in place for prompt evacuation and removal of all persons upwind of the leak? See Emergency Procedures Section.	DM's all trained	2	3	6			0
		Staff trained and practised in the procedure? See Emergency Procedures Section.	DM's all trained	2	3	6			0
287	Lighting failure (3/4)	Failure of lighting should be covered in EAP. Are staff trained? Is emergency lighting in pool area tested and maintained? See Emergency Procedures Section.	N/A	2	3	6			0
207	Poor water clarity (3/4)	Visibility problems should be covered in the EAP.	If pool is too cloudy or you cannot see the bottom, pool is closed	2	3	6			0
		Who monitors?	Lifeguards & duty managers doing pool tests	2	3	6			0
		Is there a recurring problem?	No	1	3	3			0
		Can the bottom of the pool be seen by lifeguards at all times?	Yes, if not pool is closed	2	3	6			0
-	Evacuation of swimmers to outside of building.(2/3)	Should be covered in EAP. Is there a place of shelter? Are there foil blankets? The surface customers have to walk over?	Foil blankets are present, if out side for prolonged period of time in cold weather. Café and reception	2	3	6			0
		Where is the nearest Rest Centre and how can you access it?	2 separate buildings always open and accessible during opening hours	2	2	4			0
		Means of communication with customers and emergency services, i.e. loud hailer, mobile phone, etc?	mobile phone is available in first aid room, tannoy system is available to communicate with customers	2	2	4			0
						0			0
						0			0

Date of assessment 15th Feb 2022
1st Review date
2nd Review date

Assessor: Fabia Garau

RECOMMENDATIONS FOR RISK REDUCTION			
Action	By When	By Whom?	Completed

Section Ref	B5
Assessment Type	Swimming Pool
Assessment Title	Pool Plant Room
Documents used in support of this	Swimming Pool Water (Treatment and Quality Standards), Pool Water Treatment & Advisory Group (PWTAG)
Document Links	http://www.hse.gov.uk/pubns/books/hsg179.htm
People at risk	Employees, Pool Users.
Name of Centre/Facility	Sandford Parks Lido



Ref	Hazards Identified	How might	Recommended control measures to examine	Control Measures in Place	PLR	PSR	RRN	Further controls measures	PLR	PSR	RRN
	Management (3/4)	Drowning, impact injuries, slips, trips, cuts, abrasions	Senior Management								
B5/001			1. Are there written safety procedures to include operation and safety of swimming pool water treatment systems?	some but not complete	2	3	6	create plant room manual			0
B5/002			2. Is these communicated to staff?	yes		2	3	6			0
B5/003			3. Does it include competence requirements of staff operating plant?	All duty managers have attend Pool Plant operators course		2	3	6			0
B5/004			4. Are the procedures reviewed regularly with regard to changes in best practice, performance of facilities and staff/customer feedback?	Yes		2	3	6			0
	Management (3/4)		Competence								
B5/005			1. Are staff operating plant trained, qualified, supervised i.e. competent to do so?	All duty managers have attend Pool Plant operators course		2	3	6			0
B5/006			2. Are staff conducting water tests trained, qualified, supervised i.e. competent to do so? Do staff know what to do if readings are outside parameters?	All staff are trained during induction and lifeguard training on completion of pool tests and to contact duty manager immediately when outside set		2	3	6			0
B5/007			3. Has account been taken of individual's ability to distinguish colours and provision been made for those who are "colour blind" (e.g. by provision of photometers for water testing)?	Electronic machine are always used for pool tests		2	2	4			0
B5/008			4. Are staff trained to deal with emergencies?	Yes within staff training		2	2	4			0
B5/009			5. Are Staff medically fit and able to work (alone) in the plant room?	Yes - carry radio and make reception aware of how long they expect to be in the plant room		2	3	6			0
	Management (3/4)		Documentation				0				0
B5/010			1. Are there suitable and sufficient risk assessments incl. COSHH risk assessments?	Yes all risk assessed - chemical data sheets obtained from suppliers		2	3	6			0
B5/011			2. Are there records of water tests, monthly bacteriological monitoring tests, planned preventative maintenance and any incidents with resulting actions?	yes		2	3	6			0
B5/012			3. Are there copies of staff qualifications on file?	Yes		2	3	6			0
	Water Treatment (2)		Source Water								
B5/013			Is the source water compatible with the disinfection medium?	yes		2	3	6			0
B5/014			Is source water monitored regularly and records kept?	external company keeps records		2	3	6			0
B5/015	Circulation (3)		is the turnover of the water suitable and sufficient?	yes - check with guidelines		2	3	6			0
B5/016			if a balance tank is fitted, is it inspected annually and any cleaning carried out in accordance with the Diving at work and Confined Spaces regulations?	Yes		2	4	8			0
	Water Treatment (2/3)		Filtration								
B5/017			1. Is the filtration system suitable for the type of pool and if not what controls are in place?	Yes		2	3	6			0
B5/018			2. Is the depth of media in sand filters as per the manufacturer's instructions?	Yes		2	3	6			0
B5/021			5. Is there a flow meter fitted and does the filtration rate achieve specified requirements? Is the flow meter calibrated?	Yes flow is as per installatoin companies guidelienes		2	3	6			0
B5/022			6. Is a coagulant used (recommended continuously dosed pre filter and away from other dosing points)?	Yes FlocPAC as per guidelines		2	3	6			0
	Water Treatment (2/3)		Backwashing								
B5/024			1. Is there a written procedure for backwashing and staff trained in the procedure?	yes		2	3	6			0
B5/025			2. Are filters backwashed weekly or when the pressure gauge indicates it necessary (refer to manufacturer's instructions)?	Yes weekly		2	3	6			0
B5/026			3. Are filters backwashed when the circulation has been off for a significant period of time?	yes		2	3	6			0
B5/027			4. Is backwashing done at the end of the day so a drop in water level does not cause a problem, the water volume can be topped up over night and the filter bed allowed to settle?	Done at the end of the day or when pool is empty		2	3	6			0
B5/028			5. Are backwash flow rates around 30m/h (reference should be made to the manufacturer's instructions)?	yes as per manufactures guidelienes		2	3	6			0
B5/029			6. If an air compressor is used to fluidise the media, is noise a hazard?	Yes - ear protection is provided		2	3	6			0
B5/030			7. Is the operator competent to carry out the procedure (e.g. IMSPA PPO)?	All duty managers have attend Pool Plant operators course		2	3	6			0

B5/078		1. Are chemicals stored in their original containers?	Yes	2	3	6			0
B5/079		2. Are storage areas segregated where chemicals are incompatible?	Yes	3	3	9			0
B5/080		3. Are quantities stored minimised?	Yes -only to last a few weeks at a time	2	3	6			0
B5/081		4. Are stores secure and clearly labelled with hazard signage?	Yes	2	3	6			0
B5/082		5. Are COSHH assessments available in storage areas?	Yes	2	3	6			0
B5/083		6. Are storage areas ventilated and protected from damp?	no - stored outside	2	3	6			0
B5/084		7. Are bags of dry chemicals stored off the floor?	Yes	2	3	6			0
B5/085		8. Are empty containers disposed of correctly and safely (many will be classified as hazardous waste and must be disposed of appropriately)?	yes - returned to supplying company	2	3	6			0
B5/086		9. Are there written procedures for delivery and storage?	No	2	3	6	write delivery and storage procedure		0
B5/087		10. Are stored chemicals protected from daylight and heat sources?	Yes	2	3	6			0
B5/088		11. Are storage areas equipped with automatic fire detection and fire extinguishers?	suitable fire extinguishers are available	2	3	6			0
B5/089		12. Are bulk and day tanks sited in bunds to 110% capacity of the bulk tank?	Yes	2	3	6			0
	PPE (3/4)	Personal Protective Equipment (PPE)							
B5/090		1. Where COSHH assessments indicate the need for PPE is it supplied and available near to the point of use?	Yes	2	3	6			0
B5/091		2. Is it personal issue (preferred) or are there means to clean / decontaminate it between users (sharing allowable where use is only short term e.g. hard hats for visitors)?	all PPE is personal	2	3	6			0
B5/092		3. Respiratory Protective Equipment (RPE)- is a full face respirator provided with combined acid gas and particulate filter?	yes	2	3	6			0
B5/093		4. Are staff trained in RPE use and only used on minor leaks?	yes - in induction training	2	3	6			0
B5/094		5. Is RPE stored outside the plant room (plus if required an additional one next to chlorine source) and storage accommodation provided?	yes - stored in entrance to plant room. Secondary back up in first aid room	2	3	6			0
B5/095		6. Are filter cartridges on RPE suitable for the chemicals / atmosphere to be protected	yes - stored in first aid room	2	3	6			0
B5/096		7. Are RPE filter cartridges in date and a system of evaluating when they should be replaced established	yes	2	3	6			0
B5/097		8. Does RPE/PPE fit the user?	Yes	2	3	6			0
B5/098		9. Is PPE compatible (e.g. does RPE inhibit wearing of eye protection)?	Yes	2	3	6			0
B5/099		10. Is use of PPE/RPE by operators monitored?	yes	2	3	6			0
B5/100		11. Is PPE/RPE subject to periodic inspection and maintenance by a competent person? Are RPE filters checked monthly?	yes	2	3	6			0
B5/101		12. Is PPE stored to prevent contamination?	yes	2	3	6			0
B5/102		13. Is PPE suitable to the tasks being undertaken and not just the hazards (i.e. are gloves suitable for detailed technical operation / maintenance jobs such as dismantling and cleaning injector points and dosing units sufficiently to allow the job to be completed and encourage operators to wear it)?	yes	2	3	6			0
	First Aid (3/4)	First Aid							
B5/103		1. Are there means for an operator to summon aid to the plant room (panic alarm, telephone)	yes - radio alarm and panic alarm	2	3	6			0
B5/104		2. Is there a drench shower or means of dousing the operator if appropriate? Is the shower tested and discharged weekly?	Yes	2	4	8			0
B5/105		3. Is there a first aid kit with appropriate contents?	yes - in first aid room	2	3	6			0
B5/106		4. Is there an eye wash station and are supplies of sterile solution in date?	yes - within drench shower	2	3	6			0
	Access, Room & Maintenance (3)	Access							
B5/107		1. Is the plant room secure from unauthorised entry?	Yes - gates and doors locked	2	3	6			0
B5/108		2. Are all exits unobstructed?	yes	2	3	6			0
B5/109		3. Are access routes / steps adequately lit, slip resistant, in general good repair?	Yes	3	3	9			0
	Access, Room & Maintenance (3)	Plant Room							
B5/110		1. Is the room adequately lit?	Yes	2	3	6			0
B5/111		2. Are there any protrusion hazards and are they identified or unprotected?	No	2	3	6			0
B5/112		3. Are there any unidentified trip hazards?	No	2	3	6			0
B5/113		4. Are hot pipes lagged where they may cause injury?	yes	2	3	6			0
B5/114		5. Is the floor in a good condition, uncontaminated and not slippery?	Yes	2	3	6			0
B5/115		6. Is there a drainage point or sump with pump to remove water on the floor?	Drainage is at the front of the room and fluids can be swept away easily	2	3	6			0
B5/116		7. Is there a system for notifying when a member of staff or contractor is in the plant room and working alone?	Staff use radios	2	3	6			0
B5/117		8. Is there a current Periodic Electrical Inspection Certificate for the area?	Yes - all PAT testing is done as per site policy	2	3	6			0

B5/118		9. Are electrical distribution boards secure?	Yes - each room and board are locked securely	2	3	6			0
B5/119		10. Is there a good standard of housekeeping?	yes	2	3	6			0
	Access, Room & Maintenance (3)	Maintenance							
B5/120		1. Is there a scheme of planned preventative maintenance for all mechanical systems?	yes - servicing schedules are in place	2	3	6			0
B5/121		2. If staff carry out maintenance, are they competent for these tasks?	yes	2	3	6			0
B5/122						0			0
B5/123						0			0

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