

The risk assessments and Risk Ratings outlined below identifies the Control Measures considered to be reasonably practicable for the particular circumstances, these measures should therefore be implemented. The Risk Rating given is with the Control Measures in place

Nova and Sun Centre				SWIMMING/CHANGING ROOM 1		
ASSESSORS NAME:- Sandra Baldwin				<u>RISK RATING</u>		
DATE OF ASSESSMENT: December 2009 REVISED REVIEW DATE: December 2010				1. THIS CAN BE A SAMPLE AS ESTABLISHING WETHER THE RISK IS:- LOW- MEDIUM – HIGH 1-12 13-24 25-36 2. OR BY THE USE OF MORE DETAILED TABLE TO PRODUCE A RISK RATING NUMBER.		
IDENTIFY OTHER RELEVANT DOCUMENTS E.G.:- SYSTEMS OF WORK COSHH MANUAL HANDLING ELECTRICAL INSPECTION H & S FILE & SAFETY SECTION GUIDANCE: Workplace (H&S & Welfare Regs 1992)				<u>PROBABLE FREQUENCY</u>		<u>SEVERITY</u>
				1. IMPROBABLE OCCURRENCE 2. POSSIBLE OCCURRENCE 3. OCCASIONAL OCCURRENCE 4. FREQUENT OCCURRENCE 5. REGULAR OCCURRENCE 6. COMMON OCCURRENCE	1. TRIVIAL INJURY 2. MINOR INJURY 3. MAJOR INJURY TO ONE PERSON 4. MAJOR INJURY TO SEVERAL PEOPLE 5. DEATH OF ONE PERSON 6. MULTIPLE DEATHS	
				<u>FREQUENCY X SERVERITY = RISK RATING NUMBER</u>		
				<ul style="list-style-type: none"> • PRIORITY FOR ACTION IS DETERMINED BY THE RISK RATING • THE HIGHER THE NUMBER THE MORE URGENT THE ACTION • THE AIM OF ANY ACTION IS TO REDUCE THE RISK 		
				OUTLINE PROPOSED OR RECOMMENDED ACTION UNDER CONTROL MEASURES BELOW		
NO	AREA OR ACTIVITY	OTHER DOC REF.	HAZARDS	SIGNIFICANT IDENTIFIED RISK	CONTROL MEASURES	RISK RATING WITH CONTROL MEASURE
1.1	Swimming Pools/Changing Rooms		Swimming	Drowning	<ul style="list-style-type: none"> • Minimum of one NPL qualified member of staff on poolside. • To eliminate unauthorised access, keep doors & shutters locked when pool not in use. • Staff train to recommended NPL training levels. • All emergency equipment in place & maintained e.g. ropes, alarm, hoop pole & telephone • Pool water depths & safety signs displayed • If being transported from store room to poolside use trolley & 	2 x 5 = 10 Low

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1.2			Inflatable sessions	Drowning from inflatable collapse in water. Possible lifting injuries to staff. Impact injuries to users.	<p>follow good lifting guidelines.</p> <ul style="list-style-type: none"> • Inflatable to be blown up on poolside & hosed down before going in pool. Removed from pool & hosed down before being deflated. • Supervisor to inspect inflatable, seams & anchor points before putting into pool. • Appropriate numbers of NPL qualified staff, vigilant & correctly positioned on poolside. • In the event if an inflatable collapse EAP to be initiated. Lifeguards to enter pool to check no one is trapped under collapsed structure. • Staff to be vigilant & ensure non-swimmers don't access sessions. • Slide landing areas to be sectioned off & Landing area to be cleared before slide is accessed again. • Pool staff to stop youngsters from; Accessing inflatables from the pool. Jumping or diving from inflatable. • Do not back-wash immediately before or during a pool inflatable session. • ASA qualified Instructors to take lessons. • Limited numbers per class. • Lifeguard also on poolside. 	<p>4 x 2 = 8 Low or 4 x 3 = 12 Low / Med</p> <p>3 x 3 = 9 Low</p>
1.3			Junior Swimming Lessons	Non swimmers drifting out of their depth & drowning	<ul style="list-style-type: none"> • ASA qualified Instructors to take sessions. • Limited numbers per class. • Lifeguards positioned on poolside. • School Teachers & helpers to be trained to help on poolside. • Non – Swimmers to be supervised by school teacher. 	2 x 5 = 10 Low
1.4			School Swimming	Non & novice swimmers drifting out of their depth & drowning	<ul style="list-style-type: none"> • Lifeguards vigilant & correctly positioned on poolside. 	2 x 5 = 10 Low
1.5			Swimming Galas	Drowning	<ul style="list-style-type: none"> • Correct numbers of NPL qualified staff, vigilant & correctly positioned on poolside. • Pool staff to stop youngsters from running on poolside & 	1 x 5 = 5 Low

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1.6		Swimming Pool Parties	Excited children, weak swimmers drifting out of their depth & drowning. Slips, bumps & bruises	<ul style="list-style-type: none"> being over boisterous in the water. Under 8's admission policy to be adhered to at all times. Pool staff to stop; running on poolside, bombing & over boisterous behaviour. 	2 x 5 = 10 Low
1.7		General Swimming	Slips, falls, cuts & bruises on poolside	<ul style="list-style-type: none"> Pool staff to walk on poolside & work in accordance with document "Safety in Swimming Pools" 2003 guidelines. Hourly building checks to ensure no trip hazards are left lying around. 	2 x 4 = 8 Low
1.8		Staff slipping or tripping on poolside	Minor injuries, cuts & bruises	<ul style="list-style-type: none"> No electric equipment to be used on poolside or if practicable in changing rooms when open to the public. Avoid cables trailing across floors & put up appropriate notices Circuit breakers to be used at all times and only staff trained to use the equipment to carry out the task. Appropriate chemicals used and put back in store-room after use. <u>CHEMICALS MUST NOT BE MIXED.</u> Buckets or other receptacles used to hold chemicals to be cleaned before & after use. Wear PPE as indicated on relevant COSHH sheet prior to task 	1 x 5 = 5 Low
1.9		Cleaning poolside, Changing Room & ancillary areas	Electric cleaning equipment & chemicals. Electric shock & poisoning	<ul style="list-style-type: none"> Children under the age of 5 must, be accompanied by a responsible person aged at least 16 years, on a one-to-one basis. Children aged 5 to 8 years must, be accompanied by a responsible person aged at least 16 years, on a maximum two-to-one basis. Suncentre – children 8 years or over and are weak or non swimmers must be accompanied by an adult. Correct numbers of NPL qualified staff positioned o poolside. Maintain minimum pool supervision ratio's 	3 x 3 = 9 Low
1.10		Under 8 admissions	Non or weak swimmers, out of depth, drowning.	<ul style="list-style-type: none"> Establish supervision ratios for the type of swimmer. This may be as low as 1:1 with helpers in the water. Assessment of swimmers ability should consider age, size, medical condition, effects of medication, physical or learning 	2 x 6 = 12 Low/ Med
1.11		Mums & Baby sessions	Drowning	<ul style="list-style-type: none"> Establish supervision ratios for the type of swimmer. This may be as low as 1:1 with helpers in the water. Assessment of swimmers ability should consider age, size, medical condition, effects of medication, physical or learning 	2 x 5 = 10 Low

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1.12			Swimming sessions for swimmers with a medical condition, physical or learning disabilities	Drowning	<p>disability</p> <ul style="list-style-type: none"> • Ensure arrangements for any emergency medication are known and understood • Use physical measures e.g. ropes to highlight areas of deep water • No diving in any part of pool. • Close supervision of novices • Notices indicating “No Diving” prominently displayed • Lifeguards to be vigilant & ensure no diving. 	2 x 5 = 10 Low
1.13			Diving	Injury to neck and spine	<ul style="list-style-type: none"> • Lifeguards to notify Duty Manager over any concerns relating to possible over-crowding • Duty Manager to inform Receptionist to stop allowing customers into the pool until numbers fall below the maximum bather load 	3 x 3 = 9 Low
1.14			Over-crowding	Drowning	<ul style="list-style-type: none"> • Minimum supervision ratios maintained • Qualified Instructor to take class • Battery operated music player on poolside or RCB fitting to be used at all times with player set well back to avoid splashing. 	2 x 5 = 10 Low
1.15			Aqua Fit Sessions	Drowning	<ul style="list-style-type: none"> • Maintain two hourly water testing to ensure water quality is of the highest standard • With sodium hypochlorite pool water should aim for “breakpoint chlorination”, with ideally pool readings as follows; 	2 x 5 = 10 Low
1.16			Poor quality pool water	Drowning due to lack of water clarity and Infections due to build up of organisms or high chlorine levels	<p>Free chlorine residual of 1.0 to 1.5 mg/l. Combined chlorine residual should be less than the free, ideally half or less. Total chlorine residual of: Free + Combined = 1.5 to 2.5mg/l PH up to 8.2 when using poolcure. Alkalinity of 150mg/l Calcium hardness a minimum level of 75 mg/l preferred value 150-200mg/l</p> <ul style="list-style-type: none"> • Supervisors to have completed Pool Plant Operators course. • doors to pool-side to be locked when pool is not in use • Ensure that all emergency exit doors are available when the pool is in use. 	2 x 5 = 10 Low

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1.17			Pool Access	Drowning due to Un-authorized access	<ul style="list-style-type: none"> Ensure emergency exits are properly signed and lit 	2 x 5 = 10 Low
1.18			Pool Egress	Locked or defective emergency exit doors. Staff & customers trapped in building leading to injury or fatality	<p>Ensure;</p> <ul style="list-style-type: none"> The openings in the grids are less than 8mm preferably 4mm. Lifeguards are aware of the dangers of swimmers playing with the grids. Grids are secured into position 	2 x 4 = 8 low
1.19			Pool inlet & outlet grids	Swimmers becoming trapped in the grill openings	<p>Ensure;</p> <ul style="list-style-type: none"> The use of electrical equipment on poolside is restricted to low voltage, or Residual current devices are fitted in an area that the equipment cannot be splashed with water or touched by swimmers. Frequent inspection, testing and recording of portable appliances and mains sockets and cables. 	1 x 5 = 5 Low
1.20			Electrics	Death from electric shock from electrical appliances on pool-side	<p>Ensure;</p> <ul style="list-style-type: none"> That all staff are conversant with their role in the event of a emergency evacuation That clubs, schools & other user groups have been issued with and are conversant with the emergency evacuation procedure. 	2 x 6 = 12 Low/ Med
1.21			Emergency Evacuations	No defined person taking control causing additional injuries & distress	<p>Ensure staff are conversant with the emergency evacuation procedure & means of escape are readily available.</p>	3 x 3 = 9 Low
1.22			Fire	Injury to persons using pool	<p>Complete appropriate manual handling assessments & ensure staff are aware of the safe systems of work</p>	2 x 4 = 8 Low
1.23			Lifting & Handling	Incorrect techniques used lifting & moving equipment causing strain, sprain & other back injuries.	<p>Ensure all appropriate signage is visible to pool users e.g.</p> <ul style="list-style-type: none"> Pool water depths clearly marked Safety notices displayed showing alarm points etc No diving signs in all areas. General pool safety signs 	3 x 3 = 9 Low

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1.24			Signs	Users unaware of possible hazards	Visually check pool hall lighting every day and report defective lighting to the maintenance section. Recommended average level of illumination for the pool area 300 LUX	2 x 3 = 6 Low
1.25			Lighting	Poor lighting affecting lifeguards view of swimmers in difficulties	In the event of a broken window on poolside ensure; <ul style="list-style-type: none"> Pool area is evacuated Duty Manager to ascertain how widespread the glass dispersal. Section off area and clear poolside & pool bottom of any potentially harmful shards of glass 	2 x 5 = 10 Low
1.26			Glazing	Broken glass in pool resulting in users cutting feet, hands etc	<ul style="list-style-type: none"> Wherever possible substitute broken glass for safer materials Only re-open pool area when it is safe to do so <p>Qualified NPL would be considered competent to give first aid treatment at all times the pool is open Designated first-aider to ensure first aid box filled appropriately at all times.</p>	2 x 3 = 6 low
1.27			Administering First Aid	Inability to administer first aid resulting in serious injury to pool user	Alarms tested daily Access to a telephone with an outside line available to call emergency services	3 x 3 = 9 Low
1.28			Pool Alarm	Alarm failure resulting in staff being unaware of potential serious incident	Hoops, poles and lifelines checked every day	2 x 5 = 10 Low
1.29			Pool Rescue Equipment	Damaged equipment impeding a possible rescue	Check emergency lighting every day and report faults to maintenance section Ensure quarterly maintenance checks are done by a reputable company, organised through the maintenance section, with reports kept on file	2 x 5 = 10 low
1.30			Emergency Lighting	Failure in a evacuation could result in distress & potentially serious injury	Ensure pools operate within optimum pool water temperatures; Pools: 82 to 84 degrees	2 x 6 = 12 Low/Med

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1.31			Water Temperature	Water too hot or cold causing user distress. Reduction in body temperature leading to lack of concentration or possible hypothermia	Ensure; <ul style="list-style-type: none"> • The pool is never vacuumed when users are in the pool • For lifting & manoeuvring look at “manual handling assessment 4” 	2 x 3 = 6 Low
1.32		Manual handling Regs	Using Pool-vac	Back injuries and possible electric shock	<ul style="list-style-type: none"> • The vac is not be used without a residual current device • The pool is not left unattended • Trolley wheels to be locked when the vac is not in use • Annual portable appliance testing is done 	2 x 5 = 10 Low
1.33			Staff swimming, Training after hours	Drowning A lone swimmer could suffer cramp- Blackout- Epileptic Fit.	<ul style="list-style-type: none"> • Staff to abide by the same rules as customers. • Staff must leave the pool before security staff finish their shift. • No staff without lifeguard qualification to swim without a lifeguard on duty. • No lifeguard to swim alone without somebody present in the water or on the poolside 	2 x 5 = 10 Low
1.34	Black Thunder & The Buzz Slides		Collision on slide Black Thunder The Buzz	Bruises, abrasions, Fractures.	<ul style="list-style-type: none"> • A ride attendant positioned next to the launch platform so that the traffic lights system is adhered to by regulating the riders one at a time. • Ride Attendant to ensure that users queue to the left, lie down and descend feet first. • A sign is prominently positioned at the slides entrance to that effect. • The ride attendant will ensure that no misuse of the rubber rings which are designated for the buzz slide only. • Ride attendant to ensure that users queue to the right for the ride and descend on their rubber rings one at a time adhering to the traffic lights signal. • A prominent sign to that effect is displayed next to the slides entrance. 	2 x 3 = 6 Low

1.35	Slides Stairway		Slipping, Tripping & Falling.	Bruises, abrasions, lacerations, fractured bones.	<ul style="list-style-type: none"> The stairway is covered with non slip tread to prevent slipping. Hand grips on either side of the stairway. Stairway is cleaned nightly to remove any body fat. 	2 x 3 = 6 Low
	The Slides Hydro catch		Collision of users	As Above	<ul style="list-style-type: none"> As previously stated the ride attendant ensures that the users descend one at a time. The second ride attendant positioned at the slides exit ensures that they leave the hydro catch promptly. The second ride attendant is also responsible for giving directions on use and checking the users height against a wall panel. 	2 x 3 = 6 Low
	Dragon Slide		Collision between users on descent	Bruises, cuts, fractures	<ul style="list-style-type: none"> Traffic lights in use to regulate users descent. Sign to explain the traffic light system and the number of users allowed, when light is on green. Attendant in place to enforce this system. Sign to compare a users height, advising those too tall to lie down to avoid head collision with the enclosed part of the slide. Sign to inform user not to descend head first. A large suspended sign advising the users to exit the hydro catch promptly as other users are following behind. 	4 x 3 = 12 Low
	Hydro catch		Collision between users.	Bruises, cuts, fractures.	<ul style="list-style-type: none"> Hand rails are in place Non slip fibre glass tread is fitted to all steps. The staircase is cleaned nightly to remove slippery body fat. 	
	Wet Staircase		Danger of slipping and falling.	As above	<ul style="list-style-type: none"> Lifeguard on duty at all times. Fence enclosing surfpool. Surfpool limited to 40 boards only. Warning signs by grills to keep away. No swimming in surfpool. 	3 x 2 = Low

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1.36	Surfing / Surfing Pool		Wave machine grill / surfboards / drowning.	Lacerations to feet and ankles. Being hit by a surfboard. Being pulled under by undertow of waves.	<ul style="list-style-type: none"> • Surf boards made of compressed foam. • Staff to abide by some rules when using the facility. 	2 x 5 = 10 Low
1.37	Pool Hall / Wet Floors / Steps.		Wet Floors Slipping Steps Tripping	Bruising, cuts, laceration, broken bones.	<ul style="list-style-type: none"> • Regular cleaning throughout the day. • “Wet Floor” signs displayed at affected areas. • High visibility marking the edge of all steps. • Night cleaning to remove all gathered water and food debris. • No running signs to be installed on pool side. 	2 x 3 = 6 Low
	Wet changing rooms and toilet floors, due to bathers dripping costumes.		Slipping on wet floors, falling and causing an injury.	As Above	<ul style="list-style-type: none"> • At entrance to changing and toilets, prominent signs indicating “Wet Floors” on display. • Regularly visited by day cleaners to mop away any water that may have gathered. • Cleaners sign their timed visits on notice board. • Regular visits by duty officers. 	
1.38	Caterpillar Slide		Collision	Bruises, abrasions, fractures	<ul style="list-style-type: none"> • Traffic Lights regulate the flow of users. • Sign clearly states that users must descend one at a time. 	2 x 3 = 6 Low
	Hydro Catch		Collision	As Above	<ul style="list-style-type: none"> • Sign at the top of the slide advising the user to exit the hydro catch quickly. • Lifeguard in close proximity ensuring that this is adhered to. 	2 x 3 = 6 Low
	Stairway		Slipping & Falling	As Above	<ul style="list-style-type: none"> • The stairway has non slip tiles with metal hand rails. • The stairway is cleaned nightly to remove any slippery substances. 	2 x 3 = 6 Low
1.39	Octopus Slide (Children Only)		Adults trying to use slide	Due to shallow landing area collision with the pool bottom could cause injuries.	<ul style="list-style-type: none"> • The entrance to the octopus slide has deliberately been designed low to discourage adults from entering the launch platform. • A prominent sign is on display above the slide indicating “CHILDREN ONLY”. • A lifeguard is situated directly in front of the slide to prevent adults from using it. • A wall sign in close proximity advising that this slide is for 	2 x 3 = 6 Low

			<p>Children could be injured if they descend head first into a very shallow landing area.</p>	<p>Cuts, bruises, fractures, neck injuries.</p>	<p>children only and that descent should be in a forward, seated position only.</p> <ul style="list-style-type: none"> • Recommendation for a further sign to go on the slide itself, stating the safe descent position is feet first. 	<p>2 x 3 = 6 Low</p>
<p>1.40</p>	<p>Elephant Slide (Children Only)</p>		<p>Adults using the slide.</p>	<p>Injuries are possible due to the shallow landing area.</p>	<ul style="list-style-type: none"> • A wall sign in close proximity indicating that this slide is for children only. 	<p>2 x 3 = 6 Low</p>
			<p>Children could be injured if they descend the slide head first into the shallow landing area.</p>	<p>Bruises, abrasions, fractures, neck injuries.</p>	<ul style="list-style-type: none"> • The same wall sign as above advises that users must be seated in a forward facing position. • Lifeguard is nearby. 	<p>2 x 3 = 6 Low</p>
	<p>Staircase (Octopus & Elephant Slides)</p>		<p>Slipping & Falling</p>	<p>Bruises, cuts, fractures.</p>	<ul style="list-style-type: none"> • Both slides have non slip treads on the staircases, both have handrails on either side. 	<p>2 x 3 = 6 Low</p>
<p>1.41</p>	<p>Monorail Ride</p>		<p>The low canopy above the car could cause head collision</p>	<p>Striking the canopy forcefully could result in bruising or laceration.</p>	<ul style="list-style-type: none"> • The monorail entrance is always manned by a ride attendant. • The attendant is instructed and trained to verbally inform all users to mind their head on entering or exiting. • A warning sign is displayed to that effect at the entrance to the ride. 	<p>2 x 2 = 4 Low</p>
			<p>Sideway motion of</p>	<p>Banging into peoples legs may cause</p>	<ul style="list-style-type: none"> • It is not possible to eliminate this movement, since the cars are suspended from a single rail. • Therefore the attendant has been trained to inform all users verbally to sit still and not swing from side to side. • Sign to the effect that “Food, Drink or Smoking is Not Allowed whilst on the monorail ride”, is displayed at the 	<p>2 x 2 = 4 Low</p>

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1.42	Children's Activity Area		<p>monorail car.</p> <p>Customers below being hit by objects dropped from the monorail cars.</p> <p>Customers wandering onto the platform and being hit by a monorail car.</p> <p>Surround netting.</p>	<p>bruising.</p> <p>Could cause injury.</p> <p>Could cause bruising.</p> <p>Children if they get through a broken netting they may get distressed.</p>	<p>approach to the entrance itself.</p> <ul style="list-style-type: none"> • The attendant is to enforce this ban. • The attendant to keep people of the platform. • A gate in place to prevent access. • A "Wait Here" sign above the gate. <ul style="list-style-type: none"> • The netting surrounding the activity metal structure is inspected daily, any holes in the rope netting is immediately repaired. The climbing ropes and rope ladders are also inspected daily. • The non slip steps and platform is cleaned nightly after closing. 	<p>2 x 2 = 4 Low</p> <p>2 x 2 = 4 Low</p> <p>2 x 2 = 4 Low</p>
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