

# Dive Course - Safety Management Plan

<b>Undesired Event(s)</b>		<ol style="list-style-type: none"> <li>1. Injury, medical emergency: specifically cuts, bruises, burns, sunburn, jelly fish and stingray stings, seasickness</li> <li>2. drowning</li> <li>3. hypothermia</li> <li>4. ear injury (squeeze or reverse squeeze)</li> <li>5. Decompression Sickness</li> <li>6. Running out of air</li> <li>7. panic or fear</li> <li>8. damage or loss of equipment</li> <li>9. damage to environment</li> <li>10. poor behaviour that damages the reputation of the school</li> </ol>					
<b>Causal Factors</b>		<b>People</b>		<b>Equipment</b>		<b>Environment</b>	
		1, - 6, 8 - 11. careless and/or silly behaviour, not following instructions or school rules, uninformed of danger		<ol style="list-style-type: none"> <li>1. sharp edges and hard surfaces on equipment, lack of first aid kit including clean water and sunscreen, lack of cellphone, knives</li> <li>2. too much weight, regulator failure, ill-fitting equipment,</li> <li>3. lack of warm clothing</li> <li>5. lack of dive tables, SPG failure</li> <li>6. improper use of equipment</li> </ol>		<ol style="list-style-type: none"> <li>1. sharp shells, rocks, glass, other rubbish, immersion in ocean, rough seas</li> <li>2, 7, presence of water, rough conditions</li> <li>3. cold weather conditions and water, immersion for too long in water</li> <li>8. scraping on rocks etc</li> </ol>	
<b>Risk Management Strategies</b>	<b>Normal Operation</b>	<ol style="list-style-type: none"> <li>1. Divers have completed PADI Dive medical form by Doctor</li> <li>1, 2 7-9 brief about behaviour expected, importance of following instructions, danger of injury, drowning and damage or loss to sea of equipment. Students are visible to an instructor at all times.</li> <li>1-6 in buddy pairs, watch for, help and support each other.</li> <li>1-8 instructor and experienced divers with group at all times</li> <li>3 brief about danger of hypothermia</li> <li>4. reminder about equalisation, check that no one with colds or blocked sinuses dives.</li> <li>5. Supervision and instruction on use of dive tables</li> <li>6. Buddy pairs and supervisors check SPGs frequently</li> <li>7. Reassurance that working in buddy pairs and reminder of distress signals and OK signals</li> </ol>	Check by	<ol style="list-style-type: none"> <li>1. brief about dangers of sharp edges and hard surfaces on equipment, accessible first aid kit, brief how to deal with jelly fish and sting ray stings, have clean water, sunscreen and cellphone</li> <li>2. all persons to complete buoyancy checks, dive skipper to check in and out all divers.</li> <li>3. Buddy pairs to check that masks, snorkels and fins fit correctly and scuba gear is correctly assembled</li> <li>4. all persons to bring warm clothes</li> <li>6. Students have been instructed how to use equipment.</li> </ol>	Check by	<ol style="list-style-type: none"> <li>1. brief about dangers of injury from shells, rocks, marine life, fish and fish hooks, and the presence of harmful organisms cancel trip or seasickness tablets</li> <li>2&amp;5 establish and monitor clear boundaries and no go areas</li> <li>1, 2, 3, 10 check suitable weather conditions forecast, if necessary reassess water conditions beforehand. Water needs to be reasonably calm. Instructors to monitor students particularly those in the water</li> <li>3. wear wetsuits, hoods and gloves</li> <li>8. brief about danger of rocks etc to equipment</li> </ol>	Check by
	<b>Emergency</b>	<ol style="list-style-type: none"> <li>1. Assess situation and group management required, use emergency stop signal (whistle) if appropriate, provide directions as necessary</li> <li>2. Assess injury and provide first aid as required.</li> <li>3. Assess assistance required &amp; call emergency services if necessary (flares, cell phone, VHF radio)</li> <li>4. Provide further group management as necessary, in particular reassurance of students</li> <li>5. Advise Principal as per school Crisis Management Policy, ensure all other policies followed eg reporting of incidents, record of first aid actions</li> </ol>					