



Cause #	Cause description
1	Drowning.
2	Animals (sharks, crocodiles, jellyfish, sting rays).
3	Being left behind in the ocean or large water body.
4	Severe weather events.
5	Undiagnosed or undisclosed medical conditions.
6	Lack of diving competency.
7	Being struck by a propeller or vessel.
8	Diving equipment failure.
9	Fall out of vessels including rafts, boats.

Preventive controls (reducing likelihood)	Critical/non critical	Cause #
(CC01) Dive Plan: A dive plan must be in place prior to the dive happening.	Critical	1 – 9
(CC02) Medical Fitness for Diving: Employees who dive must hold a current certificate of medical fitness issued in accordance with the fitness criteria in AS/NZS 2299.1:2015 Occupational Diving Operations – Standard Operational Practice.	Critical	5
(CC03) Stinger Suits: SCU divers shall wear full length stinger suits when there is the risk of the presence of marine stingers.	Critical	2
(CC04) Spotter: A spotter must be utilised when working in, or in the vicinity of water with the potential for the presence of crocodiles.	Critical	2
A risk assessment shall be completed prior to entering water and all employees should be trained in the risk assessment process and understand the control measures.	Non-Critical	1 – 9
(CC05) Dive Proposal and Risk Assessment: A dive proposal and risk assessment must be completed prior to the dive commencing and included pre-checks, maintenance of equipment, and ensuring the buddy system is in place.	Critical	1 – 9
Where the presence of sharks has been identified as a risk, an approved shark deterrent shall be worn by all divers.	Non-Critical	2
Mitigating controls (reducing consequence)	Critical/non critical	Cause #
(CC06) Marine First Aid Kit: SCU employees shall ensure a Marine Commercial F Scale first aid kit, oxygen provision and rescue equipment is readily accessible when working on water.	Critical	1 – 9

Potential to interact with other fatal risks	
Critical risk	Potential interaction
Remote and isolated work.	Delay in emergency response.
Wildlife.	Interaction with animals including sharks, crocodiles, jellyfish, sting rays.