

Water Safety Ratio Calculator

Purpose

To outline requirements for Water Safety

Scope

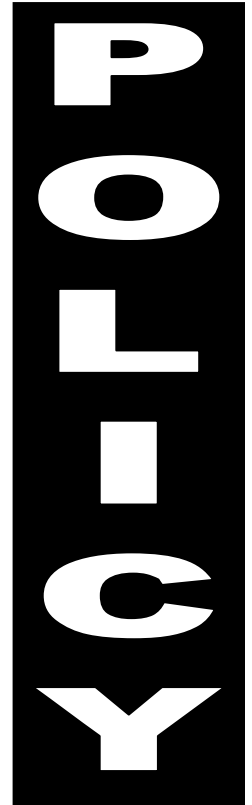
All operational levels of Life Saving Victoria

Policy

IF IN DOUBT PUT AN IRB IN THE WATER

1. Circle the number the best reflects the conditions you have
2. Add all circled numbers together
3. Find the water safety rating on the matrix below that indicates the MINIMUM NUMBER OF WATER SAFETY PERSONNEL AND EQUIPMENT you should use to ensure the safety of your candidates.

NB. This is a minimum recommendation only. Common sense, training and experience should also apply at all times during training and assessment in water based activities.

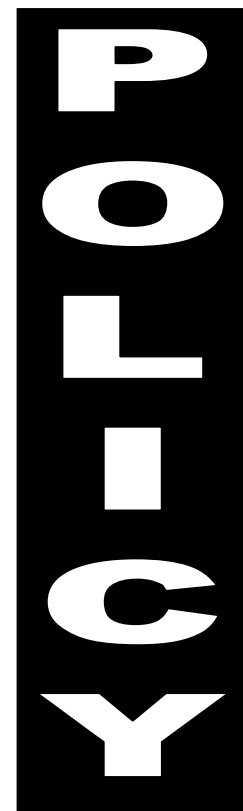


INDEX
2.5:POL:1

EFFECTIVE DATE:
27/02/2008



Water Safety Ratio Calculator										Your Rating Number
IF IN DOUBT PUT AN IRB IN THE WATER										
Rating Explanation										
ABSAMP Rating – According to national ABSAMP Data. NO training will take place if 10 is circled										
1	2	3	4	5	6	7	8	9	10	
Weather Conditions (taking into account wind strength, direction, rain, storm, lightening). NO training will take place if 5 is circled										
1	2	3	4	5						
Slight cross or onshore wind, excellent weather, Forecast Fine	Cross or onshore winds, Or Forecast – weather to deteriorate	Strong winds, rain, visibility unaffected or Forecast Electrical storm or Gale force winds	Strong winds, rain/spray from waves or fog limiting visibility (Swim can hard to see but can be found)	Electrical storm, Gale force winds or visibility significantly impacted (Swim cans cannot be seen from beach)						
Command or Patrol on duty										
1	2	3	4	5						
Full Patrol with IRB, Command on duty and radio tower manned	Full Patrol, Command available	Partial Patrol, Command available	No Patrol, Command Available	No patrol, No Command on duty						
Beach Conditions (rips, wave height, wave strength, consistency of conditions, inshore holes, littoral currents) the best reflection of your beach is the example with three or more characteristics listed, where two ratings have the same number of characteristics go to the higher rating. NO training will take place if 10 is circled										
1	2	3	4	5						
<ul style="list-style-type: none"> No waves Consistent conditions No deep inshore holes No littoral current No rips 	<ul style="list-style-type: none"> 0m-0.5m waves Consistent conditions Few inshore holes No littoral current No rips 	<ul style="list-style-type: none"> 0.5m-1.5m waves Consistent conditions Few inshore holes Weak littoral current No rips 	<ul style="list-style-type: none"> 0.5m-1.5m waves Consistent conditions Inshore holes Weak littoral current Small rips 	<ul style="list-style-type: none"> 1m-2m waves Changeable conditions Inshore holes Weak littoral current Small rips 						
6	7	8	9	10						
<ul style="list-style-type: none"> 1.5m-2.5m waves Changeable conditions Inshore holes Littoral current Rips 	<ul style="list-style-type: none"> 2m-3m waves Changeable conditions Inshore holes Strong littoral current Rips 	<ul style="list-style-type: none"> 2m-3m waves Unpredictable conditions Inshore holes Strong littoral current Rips 	<ul style="list-style-type: none"> Broad surf zone Strong large waves Unpredictable conditions Many inshore holes Strong littoral currents Rips 	<ul style="list-style-type: none"> Large strong waves Broad surf zone Unpredictable conditions Many inshore holes Strong littoral current Many rips, including travelling 						
Local Knowledge (equipment availability, competency of water safety personnel in local conditions etc). NO training will take place if 10 is circled										
1	2	3	4	5						
All equipment available, all water safety have above average knowledge and experience in prevailing conditions	All equipment available, all water safety have knowledge and experience in prevailing conditions	All equipment available most water safety have knowledge and experience in prevailing conditions	All equipment available all water safety have knowledge of prevailing conditions	All equipment available all water safety have knowledge of prevailing conditions						
6	7	8	9	10						
Some equipment available all water safety have knowledge of prevailing conditions	Some equipment available, some water safety have knowledge of prevailing conditions	Some equipment available, no water safety have knowledge of prevailing conditions	Some equipment available, no water safety have knowledge of prevailing conditions	No equipment available, no water safety have knowledge of prevailing conditions						
Water Safety Rating (WSR) Total :										/40

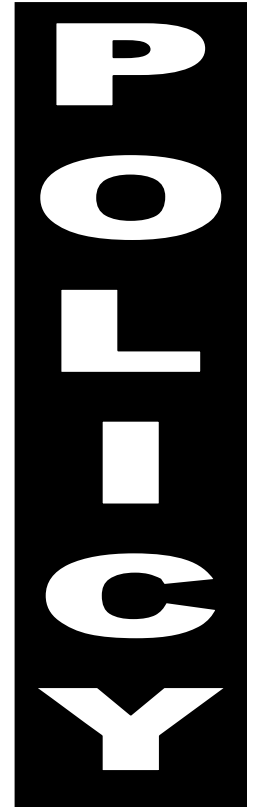


INDEX
2.5:POL:1

EFFECTIVE DATE:
27/02/2008

How many Water Safety Personnel do you need?

Water Safety Rating	IRB (IRB and Personnel are in addition to the Water Safety recommended in the Water Safety ratio)	Water Safety Ratio
35 – 40	DO NOT CONDUCT	DO NOT CONDUCT
30 – 34	In water	1 water safety : 3 candidates
25 – 29	In water	1 water safety : 4 candidates
20 – 24	In water	1 water safety : 5 candidates
15 – 19	On water's edge	1 water safety : 7 candidates
10 -14	Nil	1 water safety : 7 candidates
5 - 9	Nil	1 water safety : 10 candidates



INDEX
2.5:POL:1

EFFECTIVE DATE:
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