

Scuba Tech Philippines - Recreational Diving Readiness Assessment

The recreational diving readiness assessment is a bench-mark for evaluating core scuba diving skills. It is used to determine strengths and weaknesses in student diving skill-set as they progress towards more advanced training. As an evaluation tool, it can also identify skill and core competency deficiencies that require remedial training before more progression can occur.

Max Dive Depth: 18m/60ft | Max Bottom Time: 45 min | Max Run Time: 55 min | Gasses: 21%

1. Demonstrate accurate dive planning, based on the above parameters, using tables or dive computer to create a full no-stop, multi-level dive and gas management plan. Fully brief the dive plan to the instructor including using the following format: Gas, Bottom-Time/Levels Decompression, Logistics and emergency contingencies.
2. Perform a team pre-dive equipment check using 'B.W.R.A.F.' to ensure that all equipment is in full working order and that all necessary equipment is carried for the dive.
3. Demonstrate an appropriate water entry with all equipment required for a 1-2 cylinder recreational dive.
4. On descent, stop at 5m depth to perform a team bubble-check and partial air-share demonstration whilst maintaining a neutral buoyancy hover in horizontal trim, with no greater than ± 150 cm deviation in depth, whilst retaining situational awareness and maintaining formation with team mate/s.
5. During descent, demonstrate an accurate 9m per minute descent rate, in horizontal trim, retaining situational awareness and maintaining formation with team mate/s. Make team contact with 'OK' signals every 10m during the descent. Stop the descent 2m above the bottom, whilst retaining horizontal trim and without disturbing the bottom.
6. Demonstrate effective buoyancy and positional control by performing a 10 minute neutral buoyancy hover, with no greater than ± 80 cm deviation in depth, whilst retaining situational awareness and maintaining formation with team mate/s.
7. Respond to simulated out-of-gas emergencies as both donor and receiver, whilst retaining neutral buoyancy with no greater than ± 80 cm deviation in depth and maintaining horizontal trim. Then perform a controlled team ascent at 9m per minute in proper formation with team mate/s.
8. Demonstrate full mask removal/replacement, whilst retaining neutral buoyancy with no greater than ± 80 cm deviation in depth and maintaining horizontal trim.
9. Demonstrate BCD removal/replacement, whilst retaining neutral buoyancy with no greater than ± 120 cm deviation in depth and maintaining horizontal trim.
10. Demonstrate reciprocal compass swim covering 25m distance and returning to the start point, whilst retaining neutral buoyancy with no greater than ± 80 cm deviation in depth and maintaining horizontal trim.
11. Demonstrate situational awareness (navigation) by indicating the direction to the entry/exit point ± 20 degrees, when questioned by the instructor.
12. Demonstrate situational awareness (gas) by predicting gas supply ± 30 bar, when questioned by the instructor (signal, *then* check and confirm).
13. Demonstrate situational awareness (time) by predicting remaining bottom time ± 2 minutes, when questioned by the instructor (signal, *then* check and confirm).
14. Demonstrate situational awareness (plan) by accurately indicating the gas 1/3rd consumption turn-point to the instructor, without prompting, during the dive.
15. Deploy a lift-bag/DSMB to the surface, in under 90 seconds, with no greater than ± 80 cm deviation in depth, whilst retaining situational awareness and maintaining formation with team mate/s.
16. Perform a 3 stop no-decompression ascent at a precise ascent rate of 3m per minute, holding all stops with no greater than ± 80 cm deviation in depth.

Depth	Run-Time	Stop Time
18m	45	45
9m	49	1
6m	51	2
3m	54	3
Surface	55	⏏