

Student Name:

Tec 50 Dive 1

(max 10m)

Date:

Skills	Student signature	Student comments
1. Bubble check, descent check, S-drill.		
2. Stage decompression cylinders on the bottom.		
3. Gas shutdown drill – 45s		
4. Retrieve and don Deco cylinder.		
5. Stage and retrieve deco cylinders on the fly.		
6. Simulated four stop decompression with NO TOX as switches and air breaks. 12m – 2' (NOTOX 1/ SAC) 9m – 3' 6m – 2' (NOTOX 2/ SAC) 5m – 4' (air break at 10minutes deco time) 3m – 3'		
7. Team mate breathing wrong gas drill.		
8. SAC swim at constant depth with two deco cylinders.		
9. Mission execution – time, depth limits		
10. Stage cylinders.		
11. Catastrophic gas loss team exercise*.		
12. Simulated five stop, neutrally buoyant decompression with NO TOX gas switch and air breaks. 15m – 1' 12m – 2' (NOTOX 1/ SAC) 9m – 3' 6m – 6' (NOTOX 2/ SAC) 5m – 10' (air break at 20minutes deco time) 3m – 3'		
13. <u>Time/depth and gas supply awareness: Writing the cylinder pressure at each 14 minutes.</u>		
14. Additional skills (surprises) – other emergencies		

* Exercise starts with instructor designating that a team member is out-of-gas; team mate provides long hose. Team swims 30 meters with long hose sharing back gas (simulates return to ascent area) to retrieve staged cylinders. Team sends up lift bag and second emergency signal lift bag on same line. Team ascends line; out of gas diver stays on long hose until able to make first gas switch.

Dive Log:

Time In	Time Out	Max Depth	Bottom Time			
Primary mix	Capacity (L)/Bar	MOD	Pressure In	Pressure Out	Turn Pressure	SAC
Deco Mix 1	Capacity (L)/Bar	MOD	Pressure In	Pressure Out	1/3 reserve	SAC
Deco Mix 2	Capacity (L)/Bar	MOD	Pressure In	Pressure Out	1/3 reserve	SAC
CNS% Start	CNS% End	OTU	Comments:			

Student Name:

Tec 50 Dive 2
(12m-24m)

Date:

Skills	Student signature	Student comments
1. Bubble check, descent check, S-drill.		
2. Stage decompression cylinders on the bottom.		
3. Gas shutdown drill – 40s		
4. Mission.		
5. Free time – surprises.		
6. Retrieve and don deco cylinders.		
7. Team ascends and completes simulated decompression – 30 minutes minimum time. 9m – 5' (NOTOX 1/ SAC) 6m – 10' 5m – 10' (NOTOX 2/ SAC) 3m – 5'		
8. Neutrally buoyant gas shutdown drill. (+/- 0.5m)		
9. Air break (2'-3')		
10. <u>Time/depth and gas supply awareness: Writing the cylinder pressure at each 14 minutes.</u>		
11. Additional skills (surprises) – other emergencies		

Dive Log:

Time In	Time Out	Max Depth	Bottom Time			
Primary mix	Capacity (L)/Bar	MOD	Pressure In	Pressure Out	Turn Pressure	SAC
Deco Mix 1	Capacity (L)/Bar	MOD	Pressure In	Pressure Out	1/3 reserve	SAC
Deco Mix 2	Capacity (L)/Bar	MOD	Pressure In	Pressure Out	1/3 reserve	SAC
CNS% Start	CNS% End	OTU	Comments:			

Student Name:

Tec 50 Dive 3/4
(30m-50m)

Date:

Skills	Student signature	Student comments
1. Bubble check, descent check, S-drill.		
2. Mission.		
3. Ascent and decompression.		
4. NO TOX gas switches		
5. Additional skills (surprises) – other emergencies		

D	T	RT	Gas
21			
18			
15			
12			
9			
6			
5			

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Emergency planning (+5m/+3min)			
D	T	RT	Gas
21			
18			
15			
12			
9			
6			
5			
Loss of deco gas planning			
D	T	RT	Gas
21			
18			
15			
12			
9			
6			
5			

Dive Log:

Time In	Time Out	Max Depth	Bottom Time			
Primary mix	Capacity (L)/Bar	MOD	Pressure In	Pressure Out	Turn Pressure	SAC
Deco Mix 1	Capacity (L)/Bar	MOD	Pressure In	Pressure Out	1/3 reserve	SAC
Deco Mix 2	Capacity (L)/Bar	MOD	Pressure In	Pressure Out	1/3 reserve	SAC
CNS% Start	CNS% End	OTU	Comments:			