



Date: _____ / _____ / _____

Name: _____



If the diver does not run through the checklist then there is a possibility of entering the water with equipment that is not suitable for diving, which can result in severe risks to health.

- Before you dive your SF2-CCR check yourself, are you fresh, healthy and do you feel ready for the dive?
- Always dive with fresh Sofno-Lime 797, respect the maximum scrubber life.
- Ensure the first stages have the correct intermediate pressure. Dil. I.P.: 9.0-10.0 bar, O2 I.P.: 7.0-7.5 bar.
- Ensure the oxygen cells have not expired, max 12 months in use, and max 15 months old.
- Always carry enough bailout for the dive according to the UTD Rock Bottom calculations.

SF2-CCR Pre Dive assembly and check

- Gas: pressures checked, analyzed and marked, O2, Diluent, and BO.
- Cylinders and 1st stages mounted O2, Diluent, BO. and Suit gas
- CO2 absorbent filled and canister inspected
- Head O-rings in place, clean, and inspected
- Assembled the head and lime canister, and placed in the body
- Connected O2 solenoid hose
- Checked DSV/BOV, one way valves function and direction of flow
- Checked loop O-rings and connected loop hoses to T-pieces
- Positive test passed
- Negative test passed
- Pressurized valves, SPG pressure drop test - O2 and Diluent
- Checked BO. regulators, wing inflator and dump valves also CL.
- Checked battery Volts for controller and sol. battery. (min. 85%)
- Calibrated Handset and HUD, note V. of cells in 21% and in 100% O2
- Breath the unit to ensure all systems are working
- Switch off the controller and HUD, and close all valves

Divesite preparations shortly before the dive

- Positive test passed
- Negative test passed
- Open all valves, O2-Diluent-Suitgas-Bailout and check pressures
- Turned on HUD and Controller checked high and low set points and CC and BO gas selections
- Checked controller is set to set point 0.7bar
- Get into your unit, get ready for a pre-breath sequence

5 minute pre-breathe

- Controller — Check PPO2 has risen to, or close to 0.7bar
- Start breathing the unit
- Confirmed Sol. action
- Controller/HUD — Confirmed HUD signals are same as Controller
- ADV — Verified ADV operation, shut off's position
- Manual Dil. — Confirmed cell reading
- Manuel oxygen — Confirmed cell reading
- Flush loop with O2 — Confirmed cell reading (> 0.7)
- BOV/DSV — Verified function, opens and closes
- Symptoms — Stay calm during the rest of the Pre-Breath and monitor yourself and your team for CO2 symptoms
- Finish by closing the loop at min. loop volume and P.P.O2 > 0.7

General pre-dive routine

Equipment match:

Start from top down, right to left

Mod. Valve drill — *All valves, diluent, oxygen, bailout, suit etc.*

Regulators — *Breathe and call out content and pressure*

Inflator and dump valves — *Wing and Suit*

Lights — *Primary and secondary, placement and function*

Instruments — *Compass, Timer, etc.*

Cutting device — *Presented*

Weights — *Confirmed*

Drysuit — *Pocket content*

Fins — *Present*

Individual Team equipment — *Reels, Cameras, surveying gear etc.*

Mod. S-drill — *Deploy longhose, and confirm placement and function of necklace/BOV (can be done on surface if conditions allow)*

Enter the water — *On open circuit*

Bubble check — *Check for bubbles, OC system and CC system*