



Portable Compressor Procedure

1. Ensure compressor is placed in a suitable location as follows:
 - a. On a level surface, clear of any obstructions and under shade (whenever possible),
 - b. Exhaust pointing away from obstructions to an open area.
2. Place air intake in a suitable location as follows:
 - a. Connect to and clamp (5m hose) to compressor;
 - b. Elevate high and upwind of any potential intake hazards.
3. Check fuel & oil (in compressor (sight glass) *and* motor).
4. Check when the filter is due to be changed
 - a. If required, seek nominated compressor captain to replace filter and record on log sheet
5. Start compressor as follows:
 - a. Hearing protection must be worn before starting compressor.
 - b. Bleed any remaining air in system (open & close triangle-shaped, filter dials);
 - c. Switch on ignition and ensure fuel lever is in the 'open' position;
 - d. Position choke lever mid-way;
 - e. Pull ripcord until engine starts;
 - f. Return choke lever to original position and position throttle on max.
 - g. Check oil pressure needle is **NOT** in the yellow section
 - h. Run compressor for 2 minutes to clear the lines of CO2
6. Attach whips to tanks noting the following:
 - a. Whip has a DIN and yoke fitting, (be careful when separating them);
 - b. Close bleed valve on whip;
 - c. Check that the tank is in test and know the owner's name;
 - d. Place the tanks in water if available;
7. Record Starting Hours of Compressor operation on "Tank Fill Log Sheet" form.
8. Open valve on tank noting the following:
 - a. Close bleed valve on whip if required.
9. Keep an eye on tank pressure.
10. Every 50 bar of tank pressure, bleed moisture from lines, i.e. 3 triangle-shaped, filter dials (bleed until no moisture comes out)



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11. When **Tank A** reaches 210 bar; first, close **Tank A** (bleed pressure off); and second, open **Tank B**.
Attach new tank to **Tank A** whip and repeat process when filling multiple tanks.
12. Safely move full tank to designated location after the following procedures:
 - a. Do air analyser reading test with the owner of tank;
 - b. Record readings and fill in the rest of the "Tank Fill Log Sheet" form, including owner's signature;
 - c. Place tape or dust cover over valve to indicate full tank;
 - d. If the above cannot be done, place tank into the non-tested, quarantine area until the above procedures have been covered.
13. Attach whip to new empty tank.
14. Repeat steps 8-13 until all tanks are full.
15. Turn compressor off at switch.
16. Secure fill whips to compressor.
17. Bleed air remaining in system.
18. Record updated hours of compressor on " Tank Fill Log Sheet " form.