LE LORRAIN
Fabriqué en France - Made in France

At the attention of the after-sales service department, to be communicated to the users of our equipment and flame or electric welding equipment in general because these requirements are common to all manufacturers and all compressed gases.

COMMISSIONING OF THE FLOW METER :

❖ Purge the bottle by briefly opening the valve when using oxygen and neutral gas.
Caution, do not do it for combustible gases.
✓ This action removes moisture that can stagnate at the bottle valve and impurities that can pollute the inside of the flow meter.

❖ When mounting the flow meter on the bottle, make sure that the inlet connection of the flow meter and the bottle valve are free of grease, especially in the case of oxygen which is not compatible with grease.
✓ At a pressure of 200 bar, the friction of oxygen at high pressure on a greasy surface will immediately lead to combustion of the oxygen bottle with a significant risk of explosion.

❖ Place the flow meter on the bottle and to keep it in good condition, use a 27 mm open-end spanner, the tightening will be moderate the tightness between the two products is metal/metal and does not require a violent tightening.
✓ The user will extend the life of the flow meter and bottle valve.

❖ Make sure that the pressure flow meter is relaxed.
✓ Trigger screw loosened counterclockwise.

❖ Slowly open the bottle valve.
✓ This avoids a possible water hammer.

❖ Turn the flow meter trigger screw clockwise to fine-tune your static setting.
❖ Light the torch and rebalance the dynamic pressure.
✓ The static pressure drops and the user must make a dynamic pressure correction when the torch is lit.

❖ To stop the system: close the bottle, bleed the hoses and the flow meter leaving the torch valves open, once the needle of both pressure gauges of the flow meter has returned to zero, it is essential to relax the flow meter by unscrewing the adjusting screw in the direction of the flow meter.
counterclockwise so that the valve of the flow meter is never left pressurized. This way the material will have a longer life and in case of an unexpected opening of the bottle valve. The flow meter will not be subject to water hammer because the high pressure will not pass through the valve, which remains relaxed.

NB: The DDI range flow meter is equipped with a valve (patented) which considerably limits water hammer.