

SEALEY

INSTRUCTIONS FOR OXYGEN REGULATOR MODEL NO: SGA3.V2

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to
instructions



Wear opaque
goggles



Wear gloves



Wear protective
clothing



Wear safety
footwear

1. SAFETY

- ✓ Always have a fire extinguisher nearby.
- ✗ Never use oxygen gas to blow soot or dirt from your clothes.
- ✗ **DO NOT** wear ragged clothes, as sparks can ignite the ragged or loose ends.
- ✓ Secure cylinders to cart, wall or post to prevent them from falling.
- ✓ All cylinders should be used and stored in an upright position.
- ✗ Never drop or strike a cylinder. **DO NOT** use cylinders that have been dented.
- ✓ Cylinder caps should be used when storing or moving cylinders.
- ✓ Empty cylinders should be kept in specified areas and clearly marked 'EMPTY'.
- ✗ Never use oil or grease on any inlet connections, outlet connections or cylinder valves.
- ✓ Examine hoses for cuts, burns or worn areas before each use. Also inspect fittings for damage. If any damage is found, replace immediately.
- ✓ Keep all threads and unions clean and free from oil, dirt or grease.
- ✗ Never apply oil or grease to any thread.
- ✓ For safety advice regarding gas bottles refer to the supplier of the bottles.
- ✓ Make sure bottle keys are in place at all times so that in the event of an emergency the valves can be turned off quickly.
- ✓ Check all joints weekly to make sure there are no leaks. **LEAKING HOSES CAN KILL.**
- ✓ Remember at all times **BLUE** = OXYGEN 'O'
RED = ACETYLENE 'A'
- ✓ Oxygen fittings have a right-handed thread and notches on hose unions to indicate this.
- ✓ This regulator has no user-serviceable parts. All repairs/calibrations must only be undertaken by a BCGA approved service agent.

2. INTRODUCTION

Twin gauge regulator to BS EN ISO 2503:2009 with bull nose adaptor and 3/8" BSP hose union. Displays bottle pressure and working pressure for oxygen.



3. OPERATION

- 3.1. Make sure that the cylinder is secure as noted in safety precautions.
- 3.2. Whilst standing to one side 'crack' each cylinder valve. 'Cracking' is to quickly open and close the valve allowing gas to escape and clear the valve of any foreign bodies.
 - ❑ **WARNING!** If grease or oil is found, discontinue use of cylinder immediately and contact your gas supplier.
- 3.3. **Attach the regulator to the cylinder.**
 - 3.3.1. A wrench should be used to ensure tight connections. To tighten turn anti-clockwise.
 - 3.3.2. The regulator adjusting screw should be turned anti-clockwise to relieve the pressure on the diaphragm before opening the cylinder valves. If this is not done, pressure from the cylinder can damage the diaphragm and render the regulator inoperative.
 - 3.3.3. Both cylinder valve-to-regulator connections should be checked for leaks. Stand so that the cylinder valve is between you and the regulator. Slowly open the cylinder valve. Use an approved leak detector.
 - 3.3.4. Connect a **BLUE** hose to the regulator. Tighten nut securely with wrench. If any sign of oil or grease is found, discontinue use immediately.
- 3.4. **Blowing out hoses.**
 - 3.4.1. Perform this on the hose in a well ventilated area, otherwise you may create conditions for fire or explosion.
 - a. Turn the regulator adjusting screw to allow 5psi to pass through hose.
 - b. Allow oxygen to flow approximately 10 seconds to purge the hose.**Note: New hoses contain a preservative talc which must be blown out before use.**
 - 3.4.2. On completion close the cylinder valve.
 - 3.4.3. Drain gas from the regulator by opening the valve on the torch.
 - 3.4.4. Release adjusting screws on the regulator by turning it anti-clockwise.



Environmental Protection

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain off any fluids (if applicable) into approved containers and dispose of the product and the fluids according to local regulations.

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this product.

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.



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