INSTRUCTIONS for

Linde TRADE-MARK

L-26 OXYGEN FLOWMETER

For Use as an Attachment to Industrial-Type Oxygen Regulators

CAUTION: Before Handling the Flowmeter, Be Sure Your Hands Are Free From Oil Or Grease.

A. To Connect the Flowmeter

1. Connect the regulator to the oxygen cylinder, following the instructions provided by the regulator manufacturer. (Although the L-26 can be attached to any welding or cutting oxygen regulator with a standard outlet connection for "B" size hose fittings, it is recommended that it be used only with regulators which have a 50-lb. or 100-lb. delivery-pressure gauge. The scale graduation of a 200-lb. or 400-lb. gauge is such that reasonably accurate setting of the required regulator delivery-pressure would be difficult.

2. Hold the flowmeter with one hand, and with the other hand screw the inlet connection nut to the threaded outlet connection of the oxygen regulator. Tighten the connection nut with a wrench.

3. Attach rubber tubing usually supplied with the oxygen mask or other administering equipment to the outlet nipple of the flowmeter. Push the tubing onto the nipple as far as possible, but do not secure it with a hose clamp.

B. To Adjust Flow

1. Open all valves (if any) between the flowmeter and the administering equipment.

NOTE: These valves must remain open and should never be used to adjust or shut off the flow of oxygen.
2. Consult the conversion data table stamped on the flowmeter body (and repeated in the table below) for the regulator operating pressure required to obtain the prescribed oxygen flow in liters per minute.

3. Adjust the regulator (according to the instructions provided by the manufacturer) to this operating pressure. The flowmeter will deliver oxygen at the prescribed rate of flow as long as the regulator maintains a constant delivery-pressure.

<table>
<thead>
<tr>
<th>CONVERSION DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regulator Pressure</td>
</tr>
<tr>
<td>lb. per sq. in.</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>12</td>
</tr>
<tr>
<td>20</td>
</tr>
<tr>
<td>29</td>
</tr>
<tr>
<td>37</td>
</tr>
<tr>
<td>50</td>
</tr>
</tbody>
</table>

**OPERATING HINT**

Keep the flowmeter in a clean, protected place when it is not in use. The inlet is provided with a special porous metal filter, which prevents even microscopic particles of dust and dirt from passing through when the flowmeter is attached to the regulator. Never use the L-26 without the inlet filter.

**IMPORTANT**

The accuracy of this flowmeter is dependent upon the accuracy of the delivery-pressure gauge on the regulator to which it is attached. Inaccuracy in the pressure gauge reading will result in variations from the flow rates stamped on the L-26 body.

The Linde Air Products Company is equipped at all its District Offices to service this flowmeter—replace filters, check and re-establish correct flows, etc.—at nominal rates. This service is available to you through your local Distributor. We urge you to return this flowmeter for such servicing at any time it appears to require it.

**THE LINDE AIR PRODUCTS COMPANY**

Unit of Union Carbide and Carbon Corporation

General Office: New York, N. Y. Offices in Principal Cities

In Canada: Dominion Oxygen Company, Limited, Toronto

Manufactured in U. S. A.

**Linde Oxygen • Prest-O-Lite Acetylene • Union Carbide OXWeld • Purox • Prest-O-Weld • Unionmelt Apparatus OXWeld and Unionmelt Supplies**

The terms "Linde," "Oxweld," "Prest-O-Lite," "Prest-O-Weld," "Purox," "Union" and "Unionmelt" are registered trade-marks of Union Carbide and Carbon Corporation or its Units.