The adaptor is installed inside the handle of the LINDE HW-9 Torch. The accuracy of the adaptor is dependent upon the accuracy of the delivery-pressure gauge on the regulator with which the torch is used. Inaccuracy in the pressure gauge reading will result in variation from the flow rates shown in the chart on the reverse side of this sheet. Under normal usage no parts of the adaptor should ever need replacement.

A. To Install

Refer to the instruction booklets for the LINDE HW-9 Torch (F-9181) and the HW-9 Pencil Torch (F-9683), supplied with the torches.

1. Unscrew the torch handle from the torch body.
2. Disconnect the front end of the cable and hose assembly (56Y38).
3. Connect the "A" size adaptor nut to the matching screw on the torch body.
4. Connect the cable and hose assembly to the adaptor and tighten connections.
5. Replace torch handle.

*The term LINDE is a registered trade mark of Union Carbide Corporation.*
B. To Operate

1. Using the chart below, find the regulator pressure setting which corresponds to the desired argon flow.

2. Adjust regulator to pressure setting indicated on chart.

<table>
<thead>
<tr>
<th>Regulator Delivery Pressure (lb. per sq. in.)</th>
<th>Argon Flow (cu. ft. per hr.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>5.2</td>
</tr>
<tr>
<td>10</td>
<td>7.2</td>
</tr>
<tr>
<td>15</td>
<td>9.0</td>
</tr>
<tr>
<td>20</td>
<td>10.7</td>
</tr>
<tr>
<td>25</td>
<td>12.3</td>
</tr>
<tr>
<td>30</td>
<td>14.0</td>
</tr>
<tr>
<td>35</td>
<td>15.5</td>
</tr>
</tbody>
</table>

**IMPORTANT:** Keep this sheet where it will be available for future reference.

**UNION CARBIDE CORPORATION**
**LINDE DIVISION**
**GENERAL OFFICES: NEW YORK**
**OFFICES IN PRINCIPAL CITIES**
**In Canada**
**UNION CARBIDE CANADA LIMITED, TORONTO**
Lithographed in U.S.A.
F-8333-B 87-0944