MARKING OF LIFE SUPPORT PRODUCT COMPONENTS

This Technical Bulletin supersedes Technical Bulletins #23 and 97.

This Technical Bulletin provides information on how to read the codes applied to subassemblies or assemblies manufactured by or for Survivair for resale to its customers. These codes are generally applied to major components of life-support equipment, and identify the date of manufacture and configuration of a product.

Survivair has utilized several different codes to identify subassemblies, assemblies, or complete products. These codes are described below.

A. **Code 8**: This is the code currently used on most Survivair products. The use of this code began in December, 1998, and is being phased in as a replacement for Code 5.

   Example:

   ![Code 8 Example]

   98 12 23 1234
   - Serial Code
   - Four digits, numeric
   - Day Code (numeric; 01 through 31)
   - Month Code (numeric; 01 through 12)
   - Year Code (numeric; last 2 digits of year, e.g., “1998”)

B. **Code 5**: This code is being phased out of use on most Survivair products. The use of this code began during 1992. Code 5 replaced Code 1. Code 5 is easily identified by the Survivair arrow ↑.
NOTE

Code 5 utilizes the letter “Y” for 1992, while Code 1 utilizes the letter “X” for 1992. The Survivair arrow ↑ identifies Code 5. Example:

Serial Code

Numeric only number

Revision letter

Year (1993=Z, 1994=A, 25-year cycle); omits the letter “I”

Month (Jan=A, 12-month cycle); omits the letter “I”

Subassembly identifier

Survivair arrow

Subassembly Identifiers:

F – 1st stage pressure reducer for escape SCBA and HIP PAC

S – 2nd stage pressure regulator

X – XL series regulator

A – XL series alarm

M – Facepiece (mask)

C – Cylinder/valve

H – Harness for entry SCBA

P – PAPR blower

B – Battery

R – Respirator

G – Gauge/alarm

Month Code

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan</td>
<td>Feb</td>
<td>Mar</td>
<td>Apr</td>
<td>May</td>
<td>Jun</td>
<td>Jul</td>
<td>Aug</td>
<td>Sep</td>
<td>Oct</td>
<td>Nov</td>
<td>Dec</td>
</tr>
</tbody>
</table>
C. **Code 1**: This code system was used through 1992. (See Code 5 for the current marking configuration.)

Example:

<table>
<thead>
<tr>
<th>Lot Code</th>
<th>Serial Code</th>
<th>Serial Number (Numeric)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A B 4 G</td>
<td>2 9 5 3</td>
<td></td>
</tr>
</tbody>
</table>

- **Revision Letter**
- **Last Digit of Engineering Order (Numeric)**
- **Month Code (January=A; 12-month cycle; however, the letter “I” is not used)**

D. **Code 2**: This code is used for identification of hose assemblies. The code markings are applied to hose ferrules as shown.

Example:

- **Year of manufacture**
- **Quarter of year in which hose was manufactured**
E. **Code 3**: This code is used on APR cartridges.

Example:

```
05 89 1 A
```

(Spaces for clarity only, no spaces appear in the printed code.)

- **Month Code**: (Alpha; January=A; 12-month cycle; omits the letter “I”)
- **Shift Code**: (Numeric; 1, 2, or 3)
- **Year Code**: (Numeric; Last 2 digits of year “1989”)
- **Day Code**: (Numeric; 01 through 31)