

# Nitrogen Dioxide NO<sub>2</sub>

Cylinder Pressure ..... 2000 psig (138 bar)  
 Cylinder Valve Outlet CGA No. .... 660  
 DOT/TC Label ..... Nonflammable  
 Other Available Sizes .... SCOTTY™ Transportable

**Recommended Equipment**  
 Two-Stage Regulator ..... Model 215, Page 271  
 Single-Stage Regulator ..... Model 213, Page 271

For balance air:  
 See page 150 for EPA protocol gas specifications,  
 EPA defined concentrations, and multi-component  
 environmental mixtures.  
 For balances air and nitrogen:  
 This product is also available as a SCOTT™  
 CEM DAILY STANDARD™ for EPA daily calibration  
 requirements – see page 162.

| in Air                   |      |          |                | Dual-Analyzed Standards |                  | Single-Certified Standards |               |
|--------------------------|------|----------|----------------|-------------------------|------------------|----------------------------|---------------|
|                          |      |          |                | EPA Protocol            |                  | Certified                  |               |
| Concentration            | Size | Contents |                | RATA Class              | Compliance Class | Master Class               | Working Class |
|                          |      | CF       | m <sup>3</sup> |                         |                  |                            |               |
| ACULIFE<br>0.1 – 0.9 ppm | 30AL | 144      | 4              |                         |                  | •                          | •             |
|                          | 16AL | 76       | 2              |                         |                  | •                          | •             |
|                          | 7AL  | 29       | 0.8            |                         |                  | •                          | •             |
| ACULIFE<br>1 – 4.9 ppm   | 30AL | 144      | 4              |                         | •                | •                          | •             |
|                          | 16AL | 76       | 2              |                         | •                | •                          | •             |
|                          | 7AL  | 29       | 0.8            |                         | •                | •                          | •             |
| ACULIFE<br>5 – 29.9 ppm  | 30AL | 144      | 4              |                         | •                | •                          | •             |
|                          | 16AL | 76       | 2              |                         | •                | •                          | •             |
|                          | 7AL  | 29       | 0.8            |                         | •                | •                          | •             |
| ACULIFE<br>30 – 99.9 ppm | 30AL | 144      | 4              |                         | •                | •                          | •             |
|                          | 16AL | 76       | 2              |                         | •                | •                          | •             |
|                          | 7AL  | 29       | 0.8            |                         | •                | •                          | •             |
| 100 – 499 ppm            | 30AL | 144      | 4              | •                       | •                | •                          | •             |
|                          | 16AL | 76       | 2              | •                       | •                | •                          | •             |
|                          | 7AL  | 29       | 0.8            | •                       | •                | •                          | •             |
| 500 – 5000 ppm*          | 30AL | 144      | 4              | •                       | •                | •                          | •             |
|                          | 16AL | 76       | 2              | •                       | •                | •                          | •             |
|                          | 7AL  | 29       | 0.8            | •                       | •                | •                          | •             |

\* Cylinder pressure and contents will vary.

Through its technological advancements, only Air Liquide offers sub-ppb nitrogen dioxide calibration standards with guaranteed stability.

# Nitrogen Dioxide continued

| in Nitrogen              |      |          |                | Dual-Analyzed Standards |                  | Single-Certified Standards |               |
|--------------------------|------|----------|----------------|-------------------------|------------------|----------------------------|---------------|
|                          |      |          |                | EPA Protocol            |                  | Certified                  |               |
| Concentration            | Size | Contents |                | RATA Class              | Compliance Class | Master Class               | Working Class |
|                          |      | CF       | m <sup>3</sup> |                         |                  |                            |               |
| ACULIFE<br>0.1 – 0.9 ppm | 30AL | 140      | 4              |                         |                  |                            | •             |
|                          | 16AL | 74       | 2              |                         |                  |                            | •             |
|                          | 7AL  | 28       | 0.8            |                         |                  |                            | •             |
| ACULIFE<br>1 – 4.9 ppm   | 30AL | 140      | 4              |                         | •                | •                          | •             |
|                          | 16AL | 74       | 2              |                         | •                | •                          | •             |
|                          | 7AL  | 28       | 0.8            |                         | •                | •                          | •             |
| ACULIFE<br>5 – 29.9 ppm  | 30AL | 140      | 4              |                         | •                | •                          | •             |
|                          | 16AL | 74       | 2              |                         | •                | •                          | •             |
|                          | 7AL  | 28       | 0.8            |                         | •                | •                          | •             |
| ACULIFE<br>30 – 99.9 ppm | 30AL | 140      | 4              |                         | •                | •                          | •             |
|                          | 16AL | 74       | 2              |                         | •                | •                          | •             |
|                          | 7AL  | 28       | 0.8            |                         | •                | •                          | •             |
| 100 – 499 ppm            | 30AL | 140      | 4              | •                       | •                | •                          | •             |
|                          | 16AL | 74       | 2              | •                       | •                | •                          | •             |
|                          | 7AL  | 28       | 0.8            | •                       | •                | •                          | •             |
| 500 – 5000 ppm*          | 30AL | 140      | 4              | •                       | •                | •                          | •             |
|                          | 16AL | 74       | 2              | •                       | •                | •                          | •             |
|                          | 7AL  | 28       | 0.8            | •                       | •                | •                          | •             |

\* Cylinder pressure and contents will vary.