

# SCOTT™ Title V Ammonia Standards NH<sub>3</sub>

Air Liquide is the only specialty gas manufacturer offering ammonia standards designed for compliance with EPA Conditional Method 27e. Recommended for coal-fired boilers and other stationary emission sources, SCOTT Title V Ammonia Standards are traceable to Metrology Institute Standards (MIS) and ammonia concentrations confirmed using EPA Conditional Method 27e, the wet chemistry testing method for certification and auditing of ammonia emissions. Use of ammonia standards from Air Liquide helps ensure compliance with Federal regulations and provides the highest possible accuracy and confidence level when measuring ammonia during CEMs certification.

Cylinder Pressure ..... 2000 psig (138 bar)  
 Cylinder Valve Outlet CGA No.  
   in Air ..... 660  
   in Nitrogen ..... 705  
 DOT/TC Label ..... Nonflammable

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

in Air				
Concentration	Size	Contents		Title V Ammonia Standards
		CF	m <sup>3</sup>	
ACULIFE 1 – 4.9 ppm	30AL	144	4	• • •
	16AL	76	2	
	7AL	29	0.8	
ACULIFE 5 – 9.9 ppm	30AL	144	4	• • •
	16AL	76	2	
	7AL	29	0.8	
ACULIFE 10 – 9999 ppm	30AL	144	4	• • •
	16AL	76	2	
	7AL	29	0.8	

in Nitrogen				
Concentration	Size	Contents		Title V Ammonia Standards
		CF	m <sup>3</sup>	
ACULIFE 1 – 4.9 ppm	30AL	140	4	• • •
	16AL	74	2	
	7AL	28	0.8	
ACULIFE 5 – 9.9 ppm	30AL	140	4	• • •
	16AL	74	2	
	7AL	28	0.8	
ACULIFE 10 – 9999 ppm	30AL	140	4	• • •
	16AL	74	2	
	7AL	28	0.8	

These products are available as a SCOTT CEM DAILY STANDARD™ for daily calibration requirements. Contact your Air Liquide representative or see page 161.

See pages 100 and 101 for more information regarding ammonia gas mixtures.