

Fact Sheet: SEI-Certified Gastec Detector Tubes

Gastec was the first detector tube manufacturer to obtain all 21 of the Safety Equipment Institute (SEI) certifications for its tubes. In fact, no other manufacturer has more SEI certifications. The Safety Equipment Institute (SEI) certification program for detector tubes is well known as one of the strictest certification programs in the world and is based on regulations issued by the American National Standards Institute/Industrial Safety Equipment Association (ANSI/ISEA).

The table below shows the substances tested and test standard at which that tube is certified, as well as the tube number.

Tube No.	Substance	Test Standard
81	Acetic Acid	TLV/TWA 10 ppm
151L	Acetone	TLV/TWA 750 ppm
3La	Ammonia	TLV/TWA 25 ppm
121	Benzene	TLV/TWA 10 ppm
2L	Carbon Dioxide	TLV/TWA 5000 ppm
13	Carbon Disulfide	TLV/TWA 10 ppm
1La	Carbon Monoxide	TLV/TWA 50 ppm
8La	Chlorine	TLV/TWA 1.0 ppm
14L	Hydrogen Chloride	TLV/C 5 ppm
12L	Hydrogen Cyanide	TLV/C 10 ppm
4LL	Hydrogen Sulfide	TLV/TWA 10 ppm
136La	Methyl Bromide	TLV/TWA 5 ppm
10	Nitric Oxide	TLV/TWA 5 ppm
9L	Nitrogen Dioxide	TLV/TWA 3 ppm
18L	Ozone	TLV/C 0.1 ppm
7La	Phosphine	TLV/TWA 0.3 ppm
5Lb	Sulfur Dioxide	TLV/TWA 2 ppm
122	Toluene	TLV/TWA 100 ppm
132M	Trichloroethylene	TLV/TWA 50 ppm
131La	Vinyl Chloride	TLV/TWA 5 ppm
123	Xylene	TLV/TWA 100 ppm

Note: Certified tube unit models consist of GV-100 pump and listed Gastec tube.

Note: Tubes were tested by an independent testing lab to the standards in ANSI/ISEA 102 (1990 Edition). Please refer to applicable ACGIH publications for current standards.