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Standard Terminology Relating to Anesthesia and Respiratory Equipment¹

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INTRODUCTION

Consistent use of terminology contributes to improved safety and performance of anesthetic and respiratory care equipment by helping manufacturers, operators, and users communicate more effectively. It is expected that this terminology will be used on labels and markings on equipment and documents that accompany equipment. If other terminology is used on labels or markings on equipment or documents that accompany equipment, or both, that terminology should be defined in the accompanying documents.

1. Scope

1.1 This terminology covers terms, symbols, and abbreviations associated with anesthesia and respiratory care equipment.

2. Referenced Documents

2.1 ASTM Standards:

- F 896 Specification for Flexible Fiberoptic Bronchoscopes²
- F 920 Specification for Minimum Performance and Safety Requirements for Resuscitators Intended for Use with Humans²
- F 927 Specification for Pediatric Tracheostomy Tubes²
- F 960 Specification for Medical and Surgical Suction and Drainage Systems²
- F 965 Specification for Rigid Laryngoscopes for Tracheal Intubation—Hook-on Fittings for Laryngoscope Handles and Blades with Lamps²
- F 984 Specification for Cutaneous Gas Monitoring Devices for Oxygen and Carbon Dioxide²
- F 1054 Specification for Conical Fittings of 15-mm and 22-mm Sizes²
- F 1100 Specification for Ventilators Intended for Use in Critical Care²
- F 1101 Specification for Ventilators Intended for Use During Anesthesia²
- F 1161 Specification for Minimum Performance and Safety Requirements for Components and Systems of Anesthesia Gas Machines²
- F 1195 Specification for Rigid Laryngoscopes for Tracheal

Intubation—Hook-on Fittings for Fiberilluminated Blades and Handles²

- F 1204 Specification for Anesthesia Reservoir Bags²
- F 1205 Specification for Anesthesia Breathing Tubes²
- F 1208 Specification for Minimum Performance and Safety Requirements for Anesthesia Breathing Systems²
- F 1218 Specification for Bronchoscopes (Rigid)²
- F 1242 Specification for Cuffed and Uncuffed Tracheal Tubes²
- F 1243 Specification for Tracheal Tube Connectors²
- F 1343 Specification for Anesthetic Equipment—Scavenging Systems for Anesthetic Gases²
- F 1415 Specification for Pulse Oximeters²
- F 1452 Specification for Minimum Performance and Safety Requirements for Components and Systems of Anesthetic Gas Monitors²
- F 1456 Specification for Capnometers²
- F 1462 Specification for Oxygen Analyzers²
- F 1463 Specification for Alarm Signals in Medical Equipment Used in Anesthesia and Respiratory Care²
- F 1464 Specification for Oxygen Concentrators for Domiciliary Use²
- F 1573 Specification for Anesthetic Equipment—Oropharyngeal and Nasopharyngeal Airways²
- F 1590 Specification for Tracheostomy Tube Connectors²
- F 1627 Specification for Tracheostomy Tubes—Pediatric Tracheostomy Tubes²
- F 1628 Specification for Labeling and Marking of Cuffed and Uncuffed Tracheal Tubes and Related Treatments Intended for Use During Laser Surgery²
- F 1666 Specification for Adult Tracheostomy Tubes²

2.2 Other Documents:

ISO 8835-2:1993 Inhalational anaesthesia systems—Part 2: Anaesthetic circle breathing systems³

¹ This terminology is under the jurisdiction of ASTM Committee F29 on Anesthetic and Respiratory Equipment and is the direct responsibility of Subcommittee F29.16 on Terminology.

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² *Annual Book of ASTM Standards*, Vol 13.01.

³ Available from American National Standards Institute, 11 W. 42nd St., 13th Floor, New York, NY 10036.