



# National Technical Standard

Subject: Generic Gaseous Therapeutic Oxygen System

## 1 Applicability

This NTS gives the requirements which Generic Gaseous Therapeutic Oxygen System that are manufactured on or after the date of this NTS must meet in order to be identified with the applicable NTS marking.

## 2 Procedures

Applicable procedures are detailed in JAR-21 Subpart O.

## 3 Technical Conditions

### 3.1 Minimum Performance Standard

Standards and acceptable means of compliance set forth in STR-11

The Generic Gaseous Therapeutic Oxygen System serves as a therapeutic oxygen system for e.g. asthmatic persons requiring oxygen supply on board of an aircraft.

The System shall not serve as an oxygen supply (crew, passenger or first-aid) per JAR/FAR 25.1443 and should be considered an optional system.

### 3.2 Environmental Standard

If the equipment design is depending on environmental conditions, EUROCAE/RTCA document ED-14D/DO-160D, "Environmental Conditions and Test Procedures for Airborne Equipment", or the latest published revision, has to be applied.

### 3.3 Computer Software

Not applicable

## 4 Marking

### 4.1 General

Marking is detailed in JAR-21 Subpart Q.

### 4.2 Specific

None

## 5 Availability of Referenced Document

A copy of this NTS and the referenced STR documents may be obtained from the Luftfahrt-Bundesamt, Division M4, Postfach 3054, 38020 Braunschweig, Germany, [www.lba.de](http://www.lba.de).

RTCA documents may be purchased from the Radio Technical Commission for Aeronautics Secretariat, One Mc Pherson Square, 1425 K Street NW., Suite 500, Washington DC 20005, USA, [www.rtca.org](http://www.rtca.org).

JAA documents may be purchased from the Global Info Centre/Information Handling Services GmbH, Fraunhoferstrasse 22, D-82152 Martinsried, Germany, [www.ihs.de](http://www.ihs.de).