DIN 1946-7:2022-08 (E)

Ventilation and air conditioning - Part 7: Ventilation systems in laboratories

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Air volume flow rates 6
4.1 General 6
4.2 Requirements for the supply air volume flow rate for laboratory rooms, solvent storage rooms, chemicals storage rooms, rooms for pressurized gas cylinder storage, temperature-controlled rooms and places for the storage of cryogenic gases 6
4.3 Extract air volume flow rate for laboratory rooms 6
4.4 Extract air volume flow rate for solvent storage rooms 7
4.5 Extract air volume flow rate for chemicals storage rooms 7
4.6 Extract air volume flow rate for rooms for pressurized gas cylinder storage 7
4.7 Extract air volume flow rate for temperature-controlled rooms 7
4.8 Extract air volume flow rate for places for the storage of cryogenic gases 8

5 Supply air and extract air systems 8

6 Sound pressure level 8

7 Maintenance and testing 8

Bibliography 10