DIN EN 12416-2:2007-09 (E)

Fixed firefighting systems - Powder systems - Part 2: Design, construction and maintenance (includes Amendment A1:2007)

Contents

Page

Foreword 3

Introduction 3

1 Scope 4

2 Normative references 4

3 Terms and definitions 5

4 Expellant gas 5

5 Extinguishing powder 5

6 Components 6

7 Reserve quantity 9

8 Location of extinguishing powder container and expellant gas container 9

9 Safety precautions 9

10 Total flooding systems 9

11 Local application systems 10

12 Control and release of powder extinguishing systems 11

13 Pipework design 12

14 Documentation, inspection and maintenance 17

15 Evaluation of conformity 18

Annex A (informative) Example calculations for local application system - surface fire 19

Annex B (informative) Example calculations for local application systems 20

Annex C (informative) Minimum design conditions for powder based on sodium bicarbonate 25