

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