

DIN EN 12416-1:2020-11 (E)

Fixed firefighting systems - Powder systems - Part 1: Requirements and test methods for components (includes Amendment A2:2007)

Contents	Page
Foreword	3
Introduction	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	5
4 General requirements for components	7
5 Powder container	7
6 Expellant gas container assembly	8
7 Pressure gauges	9
8 Pressure regulators	9
9 Actuators	10
10 Main isolating valve and selector valve	11
11 Nozzles	12
12 Documentation	13
13 Marking	14
14 Type test methods	15
15 Evaluation of conformity	17
Annex A(normative)#Compliance test\$	18
Annex B(normative) Internal pressure test	18
Annex C(normative) Operating force and function test	18
Annex D(normative) #Determination of the remaining media in the container after discharge	20
Annex E(normative) Opening and closing times	20
Annex F(normative) Low temperature test for actuators and valves	20
Annex G(normative) High temperature test	21
Annex H(normative) Vibration test	21
Annex I(normative)Reliability test	22

Annex J(normative) Salt spray corrosion test	22
Annex K(normative) Stress corrosion test	22
Annex L(normative) Strength test for pressure regulators, main isolating valves and selector valves	23
Annex M(normative) Jet velocity test	23
Annex N(normative) Flow rate test	24