

DIN EN 14972-12:2024-09 (E)

Fixed firefighting systems - Water mist systems - Part 12: Test protocol for commercial deep fat cooking fryers for manually activated open nozzle systems

Contents		Page
European foreword		3
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	General requirements	6
5	Deep fat fryer, hood and duct mock-up requirements	6
5.1	Deep fat fryer	6
5.2	Deep fat fryer mock-up	7
5.3	Duct mock-up	7
5.4	Hood mock-up	9
6	Test equipment requirements	9
7	Instrumentation requirements	10
8	Testing Criteria	11
8.1	Deep fat fryer extinguishing tests	11
8.2	Deep fat fryer extinguishing splash tests	11
8.3	Deep fat fryer cooking temperature splash tests	11
8.4	Duct extinguishing tests	11
8.5	Hood extinguishing tests	11
9	Performance Tests	12
9.1	Test procedure for deep fat fryer extinguishing and extinguishing splash tests	12
9.2	Test procedure for deep fat fryer cooking temperature splash tests	13
9.3	Test procedure for duct and hood extinguishing tests	13
10	Test report	16